

# National Testing Agency

**Question Paper Name :** Sports Physiology etc Eng 15th June 2023 Shift 1  
**Subject Name :** Sports Physiology etc Eng  
**Creation Date :** 2023-06-15 19:45:06  
**Duration :** 120  
**Total Marks :** 400  
**Display Marks:** Yes

## Sports Physiology etc

**Group Number :** 1  
**Group Id :** 686340205  
**Group Maximum Duration :** 0  
**Group Minimum Duration :** 120  
**Show Attended Group? :** No  
**Edit Attended Group? :** No  
**Break time :** 0  
**Group Marks :** 400  
**Is this Group for Examiner? :** No  
**Examiner permission :** Cant View  
**Show Progress Bar? :** No

## Part A

**Section Id :** 686340409  
**Section Number :** 1  
**Section type :** Online  
**Mandatory or Optional :** Mandatory  
**Number of Questions :** 21  
**Number of Questions to be attempted :** 21  
**Section Marks :** 100  
**Enable Mark as Answered Mark for Review and Clear Response :** Yes  
**Maximum Instruction Time :** 0  
**Sub-Section Number :** 1  
**Sub-Section Id :** 686340677  
**Question Shuffling Allowed :** No  
**Is Section Default? :** null

**Question Id : 68634020655 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group  
Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think  
Time : N.A Minimum Instruction Time : 0  
Question Numbers : (1 to 5)  
Question Label : Comprehension**

There was a high standard of learning for women also. In house, they might learn music and dancing. They had to undergo the Upanayana ceremony.

There were two types of educated women.

1. **Sadyodwahas** : They are people who pursued studies till their marriages.
2. **Brahmavadinis** : They are people who did not marry and pursued studies throughout their lives. Women used to learn vedas and vedangas. Their involvement was more in reciting hymns other ritualistic operations. Women sages were called Rishikas. The scholarly women could be named as Maitreyi and Gargi.

This phase marks another transition from the spirit of Brahmanas to the spirit of the Upanishads. While the Brahmanas are called Karma Kanda (Karma is another word for yajna) because of total known as Jnana kanda because here knowledge becomes primary. Since the shift involved total change in attitude, it needed a link. This phase is called Aranyaka because it became relevant when men retired to forests due to old age. Why should old people retire to forests? Surely, this is a provoking. If old people retired to forest, then it must be due to strong affinity to the place of origin, which prompted them to choose so.

Hence, proper study of philosophy begins only from the Upanishads. In this connection, one question remains to be answered. The Aranyakas constitute a phase in the life of an individual.

### **Subjects in Vedic Education :**

It might take twelve years for a student to develop expertise in one Veda and thereafter, it would be twelve years, thirty six years and so on. A graduate was called Snataka and the graduation ceremony was called Samavartana.

Let's have a look at some other subjects.

1. Itihas- History
2. Anviksiki ( logic)
3. Mimamsa (Interpretation)
4. Shilpashastra (architecture)
5. Arthashastra (polity)

### **Sub questions**

**Question Number : 1 Question Id : 68634020656 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Samavartana means :

1. Process of not marring and retiring to jungle
2. Ceremony associated with the snataka.
3. Perusing study till marring
4. Process where knowledge is primary

**Options :**

68634081601. 1  
68634081602. 2  
68634081603. 3  
68634081604. 4

**Question Number : 2 Question Id : 68634020657 Question Type : MCQ Option Shuffling : No Is Question Mandatory :  
No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Correct Marks : 4 Wrong Marks : 1**

Which as/ are not the synonyms of affinity

- A. Harmony
- B. Rapport
- C. sympathy
- D. Aversion

- 1. B Only
- 2. B and D Only
- 3. C and D
- 4. D Only

**Options :**

68634081605. 1  
68634081606. 2  
68634081607. 3  
68634081608. 4

**Question Number : 3 Question Id : 68634020658 Question Type : MCQ Option Shuffling : No Is Question Mandatory :  
No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Correct Marks : 4 Wrong Marks : 1**

The number of months required to expertise in all vedas for a student is :

- 1. 576
- 2. 732
- 3. 144
- 4. 288

**Options :**

68634081609. 1  
68634081610. 2  
68634081611. 3  
68634081612. 4

**Question Number : 4 Question Id : 68634020659 Question Type : MCQ Option Shuffling : No Is Question Mandatory :  
No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Correct Marks : 4 Wrong Marks : 1**

Which was not a part of Vedic education as per the list given?

1. Renunciation
2. Commerce and trade
3. Recreational archives
4. Yogasadhana

**Options :**

68634081613. 1  
68634081614. 2  
68634081615. 3  
68634081616. 4

**Question Number : 5 Question Id : 68634020660 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Arananyaka means :

1. Rishikas
2. Brahmanas
3. The phase Depicting transition from spirit of Brahmanas to the spirit of the Upanishads
4. An old man going to the forests

**Options :**

68634081617. 1  
68634081618. 2  
68634081619. 3  
68634081620. 4

**Question Id : 68634020655 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Question Numbers : (1 to 5)**

Question Label : Comprehension

There was a high standard of learning for women also. In house, they might learn music and dancing. They had to undergo the Upanayana ceremony.

There were two types of educated women.

1. **Sadyodwahas** : They are people who pursued studies till their marriages.
2. **Brahmavadinis** : They are people who did not marry and pursued studies throughout their lives. Women used to learn vedas and vedangas. Their involvement was more in reciting hymns other ritualistic operations. Women sages were called Rishikas. The scholarly women could be named as Maitreyi and Gargi.

This phase marks another transition from the spirit of Brahmanas to the spirit of the Upanishads. While the Brahmanas are called Karma Kanda (Karma is another word for yajna) because of total known as Jnana kanda because here knowledge becomes primary. Since the shift involved total change in attitude, it needed a link. This phase is called Aranyaka because it became relevant when men retired to forests due to old age. Why should old people retire to forests? Surely, this is a provoking. If old people retired to forest, then it must be due to strong affinity to the place of origin, which prompted them to choose so.

Hence, proper study of philosophy begins only from the Upanishads. In this connection, one question remains to be answered. The Aranyakas constitute a phase in the life of an individual.

### **Subjects in Vedic Education :**

It might take twelve years for a student to develop expertise in one Veda and thereafter, it would be twelve years, thirty six years and so on. A graduate was called Snataka and the graduation ceremony was called Samavartana.

Let's have a look at some other subjects.

1. Itihas- History
2. Anviksiki ( logic)
3. Mimamsa (Interpretation)
4. Shilpashastra (architecture)
5. Arthashastra (polity)

### **Sub questions**

**Question Number : 1 Question Id : 68634020656 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Samavartana means :

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2. Ceremony associated with the snataka.
3. Perusing study till marring
4. Process where knowledge is primary

**Options :**

68634081601. 1  
68634081602. 2  
68634081603. 3  
68634081604. 4

**Question Number : 2 Question Id : 68634020657 Question Type : MCQ Option Shuffling : No Is Question Mandatory :  
No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Correct Marks : 4 Wrong Marks : 1**

Which as/ are not the synonyms of affinity

- A. Harmony
- B. Rapport
- C. sympathy
- D. Aversion

- 1. B Only
- 2. B and D Only
- 3. C and D
- 4. D Only

**Options :**

68634081605. 1  
68634081606. 2  
68634081607. 3  
68634081608. 4

**Question Number : 3 Question Id : 68634020658 Question Type : MCQ Option Shuffling : No Is Question Mandatory :  
No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Correct Marks : 4 Wrong Marks : 1**

The number of months required to expertise in all vedas for a student is :

- 1. 576
- 2. 732
- 3. 144
- 4. 288

**Options :**

68634081609. 1  
68634081610. 2  
68634081611. 3  
68634081612. 4

**Question Number : 4 Question Id : 68634020659 Question Type : MCQ Option Shuffling : No Is Question Mandatory :  
No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Correct Marks : 4 Wrong Marks : 1**

Which was not a part of Vedic education as per the list given?

1. Renunciation
2. Commerce and trade
3. Recreational archives
4. Yogasadhana

**Options :**

68634081613. 1  
68634081614. 2  
68634081615. 3  
68634081616. 4

**Question Number : 5 Question Id : 68634020660 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Arananyaka means :

1. Rishikas
2. Brahmanas
3. The phase Depicting transition from spirit of Brahmanas to the spirit of the Upanishads
4. An old man going to the forests

**Options :**

68634081617. 1  
68634081618. 2  
68634081619. 3  
68634081620. 4

**Sub-Section Number :**

2

**Sub-Section Id :**

686340678

**Question Shuffling Allowed :**

Yes

**Is Section Default? :**

null

**Question Number : 6 Question Id : 68634020661 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Fill in the blanks with appropriate prepositions given form the following options :

Lord Buddha realised the need ..... educating devotees..... a massive scale. Budhhist education started 2,600 years ago. It was collective ..... the sence that it was not based.....cast system

1. Of, on, from, with
2. with, on, in, of
3. of, on, in, on
4. of, in for, on

**Options :**

- 68634081621. 1
- 68634081622. 2
- 68634081623. 3
- 68634081624. 4

**Question Number : 6 Question Id : 68634020661 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

Fill in the blanks with appropriate prepositions given form the following options :

Lord Buddha realised the need ..... educating devotees..... a massive scale. Budhhist education started 2,600 years ago. It was collective ..... the sence that it was not based.....cast system

1. Of, on, from, with
2. with, on, in, of
3. of, on, in, on
4. of, in for, on

**Options :**

- 68634081621. 1
- 68634081622. 2
- 68634081623. 3
- 68634081624. 4

**Question Number : 7 Question Id : 68634020662 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**



Replace the underlined expression with an idiom.

My uncle is very short tempered. So Whenever he visits us all of us at home are being extra careful.

1. At sea
2. Dribs and drabs
3. Walking on egg shells
4. Walking the plan

**Options :**

- 68634081625. 1
- 68634081626. 2
- 68634081627. 3
- 68634081628. 4

**Question Number : 7 Question Id : 68634020662 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Replace the underlined expression with an idiom.

My uncle is very short tempered. So Whenever he visits us all of us at home are being extra careful.

1. At sea
2. Dribs and drabs
3. Walking on egg shells
4. Walking the plan

**Options :**

- 68634081625. 1
- 68634081626. 2
- 68634081627. 3
- 68634081628. 4

**Question Number : 8 Question Id : 68634020663 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Choose the sentence with the correct subject verb Agreement

1. Annotated Readings is necessary for on insight ful Understanding for the text and helps students better internalize the material.
2. Annotated Readings are necessary for an insightful understanding of the text and help students better internalize the material.
3. Annotated Readings are necessary for an insightful understanding of the text and helps students better internalize the material.
4. Annotated Readings in necessary for an insightful understanding of the text and help students betters internalize the material

**Options :**

- 68634081629. 1
- 68634081630. 2
- 68634081631. 3
- 68634081632. 4

**Question Number : 8 Question Id : 68634020663 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

Choose the sentence with the correct subject verb Agreement

1. Annotated Readings is necessary for on insight ful Understanding for the text and helps students better internalize the material.
2. Annotated Readings are necessary for an insightful understanding of the text and help students better internalize the material.
3. Annotated Readings are necessary for an insightful understanding of the text and helps students better internalize the material.
4. Annotated Readings in necessary for an insightful understanding of the text and help students betters internalize the material

**Options :**

- 68634081629. 1
- 68634081630. 2
- 68634081631. 3
- 68634081632. 4

**Question Number : 9 Question Id : 68634020664 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

The prominently visible parts on the front size of an object as : .....

1. Starling
2. simplex
3. salience
4. Rosaline

**Options :**

- 68634081633. 1
- 68634081634. 2
- 68634081635. 3
- 68634081636. 4

**Question Number : 9 Question Id : 68634020664 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The prominently visible parts on the front size of an object as : .....

1. Starling
2. simplex
3. salience
4. Rosaline

**Options :**

- 68634081633. 1
- 68634081634. 2
- 68634081635. 3
- 68634081636. 4

**Question Number : 10 Question Id : 68634020665 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Select the Coreect spelling of the word from the options given below:

1. Reverberation
2. Riverberation
3. Revirberation
4. Revarberation

**Options :**

- 68634081637. 1
- 68634081638. 2
- 68634081639. 3

68634081640. 4

**Question Number : 10 Question Id : 68634020665 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

Select the Coreect spelling of the word from the options given below:

1. Reverberation
2. Riverberation
3. Revirberation
4. Revarberation

**Options :**

- 68634081637. 1
- 68634081638. 2
- 68634081639. 3
- 68634081640. 4

**Question Number : 11 Question Id : 68634020666 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

The next member of the given series is :

8, 18, 23, 50, 72, .....

1. 120
2. 90
3. 92
4. 98

**Options :**

- 68634081641. 1
- 68634081642. 2
- 68634081643. 3
- 68634081644. 4

**Question Number : 11 Question Id : 68634020666 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

The next member of the given series is :

8, 18, 23, 50, 72, .....

1. 120
2. 90
3. 92
4. 98

**Options :**

- 68634081641. 1
- 68634081642. 2
- 68634081643. 3
- 68634081644. 4

**Question Number : 12 Question Id : 68634020667 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

A faulty minute hand covers only 90% of the circle per hour. If it starts from eight in how many minutes it will reach the seven mark at the given speed :

1. 53
2. 58
3. 61
4. 64

**Options :**

- 68634081645. 1
- 68634081646. 2
- 68634081647. 3
- 68634081648. 4

**Question Number : 12 Question Id : 68634020667 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

A faulty minute hand covers only 90% of the circle per hour. If it starts from eight in how many minutes it will reach the seven mark at the given speed :

1. 53
2. 58
3. 61
4. 64

**Options :**

68634081645. 1  
68634081646. 2  
68634081647. 3  
68634081648. 4

**Question Number : 13 Question Id : 68634020668 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**  
**Correct Marks : 4 Wrong Marks : 1**

The age of father in 1980 was twice that of his son's present age. If the present age of son is X year and age of father is 79 years than value of X is :

1. 15 Year
2. 17 Year
3. 23 Year
4. 18 Year

**Options :**

68634081649. 1  
68634081650. 2  
68634081651. 3  
68634081652. 4

**Question Number : 13 Question Id : 68634020668 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**  
**Correct Marks : 4 Wrong Marks : 1**

The age of father in 1980 was twice that of his son's present age. If the present age of son is X year and age of father is 79 years than value of X is :

1. 15 Year
2. 17 Year
3. 23 Year
4. 18 Year

**Options :**

68634081649. 1  
68634081650. 2  
68634081651. 3  
68634081652. 4

**Question Number : 14 Question Id : 68634020669 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**  
**Correct Marks : 4 Wrong Marks : 1**

The product of 25% of  $x$  and 120% of  $y$  = ..... % of  $(xy)$

- 1. 30
- 2. 25
- 3. 24
- 4. 60

**Options :**

- 68634081653. 1
- 68634081654. 2
- 68634081655. 3
- 68634081656. 4

**Question Number : 14 Question Id : 68634020669 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The product of 25% of  $x$  and 120% of  $y$  = ..... % of  $(xy)$

- 1. 30
- 2. 25
- 3. 24
- 4. 60

**Options :**

- 68634081653. 1
- 68634081654. 2
- 68634081655. 3
- 68634081656. 4

**Question Number : 15 Question Id : 68634020670 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The average speed of a train in four hours, running at 36 km/h in first hour, 72 km per hour in second hour and 108 km/h in the last two hours in (m/s) is :

- 1. 15
- 2. 45
- 3. 45/2
- 4. 30

**Options :**

- 68634081657. 1
- 68634081658. 2

68634081659. 3

68634081660. 4

**Question Number : 15 Question Id : 68634020670 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The average speed of a train in four hours, running at 36 km/h in first hour, 72 km per hour in second hour and 108 km/h in the last two hours in (m/s) is :

1. 15

2. 45

3.  $45/2$

4. 30

**Options :**

68634081657. 1

68634081658. 2

68634081659. 3

68634081660. 4

**Question Number : 16 Question Id : 68634020671 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given series : 85, 43, 44, 67.5, 137, 345 observe the series given and by establishing the same relation in 125, (A), (B), (C), (D), (E), Find what will come is place of (C) ?

1. 86

2. 107.5

3. 112.5

4. 97.5

**Options :**

68634081661. 1

68634081662. 2

68634081663. 3

68634081664. 4

**Question Number : 16 Question Id : 68634020671 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



Given series : 85, 43, 44, 67.5, 137, 345 observe the series given and by establishing the same relation in 125, (A), (B), (C), (D), (E), Find what will come is place of (C) ?

1. 86
2. 107.5
3. 112.5
4. 97.5

**Options :**

- 68634081661. 1
- 68634081662. 2
- 68634081663. 3
- 68634081664. 4

**Question Number : 17 Question Id : 68634020672 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Vartika went 90 meters in the east before turning to her right. She went 20 meters before turring to her right again. She walked 30 metres further and then turring to north she walked 100 metres. How far is vartika from. Her starting point?

1. 80 metres
2. 100 metres
3. 140 metres
4. 260 metres

**Options :**

- 68634081665. 1
- 68634081666. 2
- 68634081667. 3
- 68634081668. 4

**Question Number : 17 Question Id : 68634020672 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

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1. 80 metres
2. 100 metres
3. 140 metres
4. 260 metres

**Options :**

- 68634081665. 1
- 68634081666. 2
- 68634081667. 3
- 68634081668. 4

**Question Number : 18 Question Id : 68634020673 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Identify the water-image of the word "bridge"

- 1.
- 2.
- 3.
- 4.

**Options :**

- 68634081669. 1
- 68634081670. 2
- 68634081671. 3
- 68634081672. 4

**Question Number : 18 Question Id : 68634020673 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Identify the water-image of the word "bridge"

- 1.
- 2.
- 3.
- 4.

**Options :**

- 68634081669. 1
- 68634081670. 2
- 68634081671. 3
- 68634081672. 4

**Question Number : 19 Question Id : 68634020674 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

There is a certain relation between two given words on one side of :: and one word is given on another side of :: while another word is to be found from the given alternatives. Choose the correct pair bear.

Roster : Duty :: Inventory : ?

1. Furnace
2. Export's
3. Goods
4. Produce

**Options :**

- 68634081673. 1
- 68634081674. 2
- 68634081675. 3
- 68634081676. 4

**Question Number : 19 Question Id : 68634020674 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

There is a certain relation between two given words on one side of : : and one word is given on another side of : : while another word is to be found from the given alternatives. Choose the correct pair bear.

Roster : Duty : : Inventory : ?

1. Furnace
2. Export's
3. Goods
4. Produce

**Options :**

- 68634081673. 1
- 68634081674. 2
- 68634081675. 3
- 68634081676. 4

**Question Number : 20 Question Id : 68634020675 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Introducing a boy, a girl said, " He is the son of the daughter of the father of my uncle". How is the boy related to the girl?

1. Cousin
2. Nephew
3. Uncle
4. Son-in-law

**Options :**

- 68634081677. 1
- 68634081678. 2
- 68634081679. 3
- 68634081680. 4

**Question Number : 20 Question Id : 68634020675 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Introducing a boy, a girl said, " He is the son of the daughter of the father of my uncle". How is the boy related to the girl?

1. Cousin
2. Nephew
3. Uncle
4. Son-in-law

**Options :**

- 68634081677. 1
- 68634081678. 2
- 68634081679. 3
- 68634081680. 4

**Question Number : 21 Question Id : 68634020676 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Who is world's first female amputee is climb Mount Everest?

- 1. Junko Tabei
- 2. Arunima Sinha
- 3. Malavati Puna
- 4. Erika Weihehmayes

**Options :**

- 68634081681. 1
- 68634081682. 2
- 68634081683. 3
- 68634081684. 4

**Question Number : 21 Question Id : 68634020676 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Who is world's first female amputee is climb Mount Everest?

- 1. Junko Tabei
- 2. Arunima Sinha
- 3. Malavati Puna
- 4. Erika Weihehmayes

**Options :**

- 68634081681. 1
- 68634081682. 2
- 68634081683. 3
- 68634081684. 4

**Question Number : 22 Question Id : 68634020677 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

**Statement I:** Sahitya Academi Award is the second highest Indian Litrary Award. It is given in 22 languages.

**Statement II:** R.K. Narayan was the first recipient of Sahitya Academi Award. He got it for his book Malgudi Days.

In the light of the above statements, choose the correct answer from the options given below

1. Both statement I and Statement II are true
2. Both the statement I and Statement II are false
3. Statement I is true but statement II is false
4. Statement I is False but statement II is true

**Options :**

- 68634081685. 1
- 68634081686. 2
- 68634081687. 3
- 68634081688. 4

**Question Number : 22 Question Id : 68634020677 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

**Statement I:** Sahitya Academi Award is the second highest Indian Litrary Award. It is given in 22 languages.

**Statement II:** R.K. Narayan was the first recipient of Sahitya Academi Award. He got it for his book Malgudi Days.

In the light of the above statements, choose the correct answer from the options given below

1. Both statement I and Statement II are true
2. Both the statement I and Statement II are false
3. Statement I is true but statement II is false
4. Statement I is False but statement II is true

**Options :**

- 68634081685. 1
- 68634081686. 2
- 68634081687. 3
- 68634081688. 4

**Question Number : 23 Question Id : 68634020678 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

LIST I (Books)		LIST II (Writers)	
A.	Mudrarakshasa	I.	Panini
B.	Abhigyan Shakuntalam	II.	Visakadatta
C.	Pancha Tantra	III.	Kalidasa
D.	Ashtadhyayi	IV.	Vishnu Sharma

Choose the correct answer from the options given below:

1. A-I, B-II, C-III, D-IV
2. A-II, B-III, C-IV, D-I
3. A-IV, B-III, C-II, D-I
4. A-III, B-I, C-IV, D-II

**Options :**

68634081689. 1  
68634081690. 2  
68634081691. 3  
68634081692. 4

**Question Number : 23 Question Id : 68634020678 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

LIST I (Books)		LIST II (Writers)	
A.	Mudrarakshasa	I.	Panini
B.	Abhigyan Shakuntalam	II.	Visakadatta
C.	Pancha Tantra	III.	Kalidasa
D.	Ashtadhyayi	IV.	Vishnu Sharma

Choose the correct answer from the options given below:

1. A-I, B-II, C-III, D-IV
2. A-II, B-III, C-IV, D-I
3. A-IV, B-III, C-II, D-I
4. A-III, B-I, C-IV, D-II

**Options :**

68634081689. 1  
68634081690. 2  
68634081691. 3  
68634081692. 4

**Question Number : 24 Question Id : 68634020679 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

**Given below are two statements :**

**Statement I :** A black hole is remnant of a massive star which has collapsed. It is a Volume of space where gravity is so strong that nothing not even light can escape fun it.

**Statement II :** Its presence was first announced by galileo Galili in 1783

In the light of the above statements, choose the correct answer from the option given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is false but statement II is false
4. Statement I is false but Statement II is true

**Options :**

- 68634081693. 1
- 68634081694. 2
- 68634081695. 3
- 68634081696. 4

**Question Number : 24 Question Id : 68634020679 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

**Given below are two statements :**

**Statement I :** A black hole is remnant of a massive star which has collapsed. It is a Volume of space where gravity is so strong that nothing not even light can escape fun it.

**Statement II :** Its presence was first announced by galileo Galili in 1783

In the light of the above statements, choose the correct answer from the option given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is false but statement II is false
4. Statement I is false but Statement II is true

**Options :**

- 68634081693. 1
- 68634081694. 2
- 68634081695. 3
- 68634081696. 4

**Question Number : 25 Question Id : 68634020680 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



Rowlatt Act (1919) was passed through the Imperial Legislative Council to :

1. Increase taxes and custom duties on civilians
2. Force villages to supply soldiers and there was forced recruitment of common people
3. Gave Government enormous power is to repress political activists and allowed detention of anybody suspected
4. Arrest workers who joined hands against racism

**Options :**

- 68634081697. 1
- 68634081698. 2
- 68634081699. 3
- 68634081700. 4

**Question Number : 25 Question Id : 68634020680 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Rowlatt Act (1919) was passed through the Imperial Legislative Council to :

1. Increase taxes and custom duties on civilians
2. Force villages to supply soldiers and there was forced recruitment of common people
3. Gave Government enormous power is to repress political activists and allowed detention of anybody suspected
4. Arrest workers who joined hands against racism

**Options :**

- 68634081697. 1
- 68634081698. 2
- 68634081699. 3
- 68634081700. 4

## **Part B: Sports Physiology etc**

<b>Section Id :</b>	686340410
<b>Section Number :</b>	2
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	75
<b>Number of Questions to be attempted :</b>	75
<b>Section Marks :</b>	300
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	686340679
<b>Question Shuffling Allowed :</b>	Yes

Is Section Default? :

null

**Question Number : 26 Question Id : 68634020681 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

How many calories you will get after having 1 gram of fat?

1. 4.2 Kcal
2. 4.3 Kcal
3. 7.5 Kcal
4. 9.1 Kcal

**Options :**

- 68634081701. 1
- 68634081702. 2
- 68634081703. 3
- 68634081704. 4

**Question Number : 26 Question Id : 68634020681 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

एक ग्राम वसा खाने के बाद आपको कितनी कैलोरी मिलेगी -

1. 4.2 किलो कैलोरी
2. 4.3 किलो कैलोरी
3. 7.5 किलो कैलोरी
4. 9.1 किलो कैलोरी

**Options :**

- 68634081701. 1
- 68634081702. 2
- 68634081703. 3
- 68634081704. 4

**Question Number : 27 Question Id : 68634020682 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

According to Richard Lazarus, which of the following is NOT an emotion resulting from harms, losses and threats?

1. Envy
2. Disgust
3. Guilt
4. Gratitude

**Options :**

68634081705. 1  
68634081706. 2  
68634081707. 3  
68634081708. 4

**Question Number : 27 Question Id : 68634020682 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

रिचर्ड लाजरस के अनुसार निम्नलिखित में से कौन सी भावना क्षति, हानि एवं भय का परिणाम नहीं है?

1. ईर्ष्या
2. घृणा
3. अपराध
4. कृतज्ञता

**Options :**

68634081705. 1  
68634081706. 2  
68634081707. 3  
68634081708. 4

**Question Number : 28 Question Id : 68634020683 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following method is used to increase the muscle glycogen concentration?

1. Protein Loading
2. Carbohydrate Loading
3. Fat Loading
4. Mineral Loading

**Options :**

68634081709. 1

68634081710. 2  
68634081711. 3  
68634081712. 4

**Question Number : 28 Question Id : 68634020683 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित में से कौन सी विधि का उपयोग ग्लाइकोजन एकाग्रता को बढ़ाने के लिए किया जाता है?

1. प्रोटीन का अत्यधिक सेवन
2. कार्बोहाइड्रेट का अत्यधिक सेवन
3. वसा का अत्यधिक सेवन
4. खनिज का अत्यधिक सेवन

**Options :**

68634081709. 1  
68634081710. 2  
68634081711. 3  
68634081712. 4

**Question Number : 29 Question Id : 68634020684 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

XYZ is boy with klinefelter's syndrome, according to you what will be the most frequent method to diagnose it?

1. Barr body test of buccal smear
2. There is no diagnostic method for it
3. Chorionic Villus Sampling
4. Blood Test

**Options :**

68634081713. 1  
68634081714. 2  
68634081715. 3  
68634081716. 4

**Question Number : 29 Question Id : 68634020684 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

XYZ क्लाइनफेल्टर सिंड्रोम वाला एक बालक है: आपके अनुसार इसकी पहचान करने के लिए सबसे उपयुक्त विधि कौन सी है?

1. बर्न का मुख स्मियर शरीर परीक्षण
2. इसकी कोई निदान विधि नहीं है
3. भ्रूण में जेनेटिक गड़बड़ियों की जांच
4. रक्त जांच

**Options :**

- 68634081713. 1
- 68634081714. 2
- 68634081715. 3
- 68634081716. 4

**Question Number : 30 Question Id : 68634020685 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements: one is labelled as Assertion A and the other labelled as Reason R

**Assertion (A):** Lipids cannot be used during high intensity exercise

**Reason (R):** Lipids are an important source of energy during recovery period between high intensity bouts and during prolonged aerobic exercises

In the light of the above statements, choose the most appropriate answer from the options given below:

1. Both A and R are correct and R is the correct explanation of A
2. Both A and R are correct and R is NOT the correct explanation of A
3. A is correct but R is not correct
4. A is not correct but R is correct

**Options :**

- 68634081717. 1
- 68634081718. 2
- 68634081719. 3
- 68634081720. 4

**Question Number : 30 Question Id : 68634020685 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं, एक अभिकथन के रूप में लिखित है तो दूसरा उसके कारण के रूप में,

**अभिकथन:** उच्च तीव्रता वाले व्यायाम के दौरान लिपिड का उपयोग नहीं किया जा सकता है।

**कारण:** उच्च तीव्रता वाले मुकाबलों के बीच और वास्तव में लंबे समय तक एरोबिक व्यायाम के दौरान रिकवरी अवधि में लिपिड, ऊर्जा का एक महत्वपूर्ण स्रोत है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. A और R दोनों सत्य हैं, और R, A की सही व्याख्या है
2. A और R दोनों सत्य हैं, और R, A की सही व्याख्या नहीं है
3. A सत्य है, लेकिन R असत्य है
4. A असत्य है, लेकिन R सत्य है

**Options :**

- 68634081717. 1
- 68634081718. 2
- 68634081719. 3
- 68634081720. 4

**Question Number : 31 Question Id : 68634020686 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

For best performance in shot put, the angle of release should be \_\_\_\_\_ .

1.  $45^\circ$
2. Less than  $45^\circ$
3. More than  $45^\circ$
4.  $90^\circ$

**Options :**

- 68634081721. 1
- 68634081722. 2
- 68634081723. 3
- 68634081724. 4

**Question Number : 31 Question Id : 68634020686 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



शॉट पुट में अच्छे प्रदर्शन के लिए रिलीज का कोण होना चाहिए -

1.  $45^\circ$
2.  $45^\circ$  से कम
3.  $45^\circ$  से अधिक
4.  $90^\circ$

**Options :**

- 68634081721. 1
- 68634081722. 2
- 68634081723. 3
- 68634081724. 4

**Question Number : 32 Question Id : 68634020687 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements: one is labelled as Assertion A and the other labelled as Reason R

**Assertion A:** The gas exchange in the lungs and tissues occurs by diffusion

**Reason R:** Diffusion takes place from higher partial pressure to lower partial pressure, through thin capillary, alveoli and cell walls

In the light of the above statements, choose the most appropriate answer from the options given below:

1. Both A and R are correct and R is the correct explanation of A
2. Both A and R are correct and R is NOT the correct explanation of A
3. A is correct but R is not correct
4. A is not correct but R is correct

**Options :**

- 68634081725. 1
- 68634081726. 2
- 68634081727. 3
- 68634081728. 4

**Question Number : 32 Question Id : 68634020687 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं, एक अभिकथन के रूप में लिखित है तो दूसरा उसके कारण के रूप में,

**अभिकथन:** फेफड़ों और ऊतकों में वायु विनिमय विसरण द्वारा होता है।

**कारण:** विसरण उच्च आंशिक दबाव से निचले आंशिक दबाव के कारण पतली कोशिका, एल्वियोली और कोशिका की दीवारों के माध्यम से होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. A और R दोनों सत्य हैं, और R, A की सही व्याख्या है
2. A और R दोनों सत्य हैं, और R, A की सही व्याख्या नहीं है
3. A सत्य है, लेकिन R असत्य है
4. A असत्य है, लेकिन R सत्य है

**Options :**

- 68634081725. 1
- 68634081726. 2
- 68634081727. 3
- 68634081728. 4

**Question Number : 33 Question Id : 68634020688 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

If a barbell of certain weight is lifted overhead to a certain height, the barbell held overhead will have Potential energy. If the barbell is lowered, the potential energy will \_\_\_\_\_ .

1. Increase
2. Decrease
3. Remains same
4. Gradually increase then decrease

**Options :**

- 68634081729. 1
- 68634081730. 2
- 68634081731. 3
- 68634081732. 4

**Question Number : 33 Question Id : 68634020688 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



यदि एक निश्चित वजन के एक बारबेल को एक निश्चित ऊँचाई तक ऊपर की ओर उठाया जाता है, तो ऊपर रखे गए बारबेल में स्थितिज ऊर्जा होगी यदि बारबेल को नीचे किया जाता है, तो स्थितिज ऊर्जा \_\_\_\_\_ ।

1. बढ़ेगी
2. घटेगी
3. समान रहेगी
4. धीरे-धीरे बढ़ेगी, फिर घटेगी

**Options :**

68634081729. 1  
68634081730. 2  
68634081731. 3  
68634081732. 4

**Question Number : 34 Question Id : 68634020689 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II Match the type of cognitive process given List I with their respective explanation given in List II

LIST I		LIST II	
A.	Memory	I.	Taking new things, synthesizing information and integrating it with prior knowledge
B.	Learning	II.	Allows people to take in information through their senses, then utilize it
C.	Attention	III.	Allows people to encode, store, and retrieve information
D.	Perception	IV.	Allows people to focus on a specific stimulus in the environment

Choose the correct answer from the options given below:

1. A-III, B-I, C-IV, D-II
2. A-III, B-I, C-II, D-IV
3. A-III, B-II, C-I, D-IV
4. A-I, B-II, C-III, D-IV

**Options :**

68634081733. 1  
68634081734. 2  
68634081735. 3  
68634081736. 4

**Question Number : 34 Question Id : 68634020689 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सूची I में दी गई संज्ञात्मक प्रक्रिया को सूची II में दी गई उनकी संबंधित व्याख्या से सुमेलित करें -

सूची I		सूची II	
A.	स्मृति	I.	नई चीजें लेना, सूचना का संश्लेषण करना और इसे पूर्व ज्ञान के साथ एकीकृत करना
B.	अधिगम	II.	लोगों को अपनी इंद्रियों के माध्यम से जानकारी लेने की अनुमति देता है, फिर उसका उपयोग करता है।
C.	ध्यान	III.	लोगों को जानकारी एन्कोड करने, स्टोर करने और पुनः प्राप्त करने की अनुमति देता है।
D.	अनुभूति	IV.	लोगों को पर्यावरण में एक विशिष्ट उत्तेजना पर ध्यान केंद्रित करने की अनुमति देता है।

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-III, B-I, C-IV, D-II
2. A-III, B-I, C-II, D-IV
3. A-III, B-II, C-I, D-IV
4. A-I, B-II, C-III, D-IV

**Options :**

68634081733. 1
68634081734. 2
68634081735. 3
68634081736. 4

**Question Number : 35 Question Id : 68634020690 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

During internal respiration, when diaphragm contracts, it forces the abdominal contents \_\_\_\_\_ and \_\_\_\_\_

1. upward and backward
2. down ward and forward
3. upward and forward
4. down ward and back ward

**Options :**

68634081737. 1
68634081738. 2
68634081739. 3
68634081740. 4

**Question Number : 35 Question Id : 68634020690 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

आंतरिक श्वसन के दौरान, जब डायफ्राम सिकुड़ता है, तो यह पेट की सामग्री को \_\_\_\_\_ और \_\_\_\_\_ की ओर धकेलता है।

1. ऊपर और पीछे
2. नीचे और आगे
3. ऊपर और आगे
4. नीचे और पीछे

**Options :**

68634081737. 1  
68634081738. 2  
68634081739. 3  
68634081740. 4

**Question Number : 36 Question Id : 68634020691 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements: one is labelled as Assertion A and the other labelled as Reason R

**Assertion A:** The muscle fibers of a sprinter are capable of producing force at a high rate, but with low fatigue resistance

**Reason R:** The sprinters have large number of fast fatigable (ff) motor units

In the light of the above statements, choose the correct answer from the options given below:

1. Both A and R are correct and R is the correct explanation of A
2. Both A and R are correct and R is NOT the correct explanation of A
3. A is true but R is false
4. A is true but R is true

**Options :**

68634081741. 1  
68634081742. 2  
68634081743. 3  
68634081744. 4

**Question Number : 36 Question Id : 68634020691 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं, एक अभिकथन के रूप में लिखित है तो दूसरा उसके कारण के रूप में,

**अभिकथन:** एक तेज धावक की मांसपेशी तंतु उच्च दर पर बल उत्पन्न करने में सक्षम होती हैं, लेकिन कम थकान प्रतिरोध के साथ

**कारण:** तेज धावक के पास बड़ी संख्या में फास्ट फैटेबल मोटर इकाइयां होती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. A और R दोनों सत्य हैं, और R, A की सही व्याख्या है
2. A और R दोनों सत्य हैं, और R, A की सही व्याख्या नहीं है
3. A सत्य है, लेकिन R असत्य है
4. A असत्य है, लेकिन R सत्य है

**Options :**

- 68634081741. 1
- 68634081742. 2
- 68634081743. 3
- 68634081744. 4

**Question Number : 37 Question Id : 68634020692 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The kinetic energy of linear motion can be defined as:

1. One-half of a body's mass divided by the square of velocity
2. One-half of a body's mass multiplied by its velocity
3. One-half of a body's mass multiplied by the square of velocity
4. One-half of velocity multiplied by the square of its mass

**Options :**

- 68634081745. 1
- 68634081746. 2
- 68634081747. 3
- 68634081748. 4

**Question Number : 37 Question Id : 68634020692 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



रैखिक गति की गतिज ऊर्जा को इस प्रकार परिभाषित किया जा सकता है:

1. शरीर के द्रव्यमान का आधा भाग उसके वेग के वर्ग द्वारा विभाजित होता है।
2. शरीर के द्रव्यमान का आधा भाग उसके वेग से गुणा होता है।
3. शरीर के द्रव्यमान का आधा भाग उसके वेग के वर्ग से गुणा किया जाता है।
4. वेग का आधा उसके द्रव्यमान के वर्ग से गुणा किया जाता है।

**Options :**

- 68634081745. 1
- 68634081746. 2
- 68634081747. 3
- 68634081748. 4

**Question Number : 38 Question Id : 68634020693 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

In a cricket match, a player throws the ball from the boundary to the wicket keeper. Arrange the steps occurs in this process in a sequential order from start to end.

- A. Centripital force
- B. Projectile path
- C. Angle of release
- D. Centrifugal force
- E. Landing area of ball

Choose the correct answer from the options given below:

1. A, D, C, E, B
2. A, D, E, B, C
3. D, A, C, E, B
4. A, D, C, B, E

**Options :**

- 68634081749. 1
- 68634081750. 2
- 68634081751. 3
- 68634081752. 4

**Question Number : 38 Question Id : 68634020693 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

एक क्रिकेट मैच में, एक खिलाड़ी गेंद को बाउंड्री से विकेट कीपर की ओर फेंकता है। इस प्रक्रिया में होने वाले चरणों को क्रमबद्ध क्रम में शुरू से अंत तक व्यवस्थित करें।

- A. केन्द्राभिमुख बल
- B. प्रक्षेप्य पथ
- C. रिलीज का कोण
- D. अपकेन्द्रिय बल
- E. गेंद का लैंडिंग क्षेत्र

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

- 1. A, D, C, E, B
- 2. A, D, E, B, C
- 3. D, A, C, E, B
- 4. A, D, C, B, E

**Options :**

- 68634081749. 1
- 68634081750. 2
- 68634081751. 3
- 68634081752. 4

**Question Number : 39 Question Id : 68634020694 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Arrange the following bodies of Dietary Allowance for nutrients of various countries, in an order to their establishment from oldest to latest

- A. Human Nutritional Requirements, FAO/WHO
- B. Food and Nutrition Board, USA
- C. Nutrition expert committee, ICMR India
- D. Panel of Recommended Allowances of Nutrients, U.K

Choose the correct answer from the options given below:

- 1. A, B, C, D
- 2. C, D, B, A
- 3. D, C, B, A
- 4. B, A, C, D

**Options :**

- 68634081753. 1
- 68634081754. 2
- 68634081755. 3
- 68634081756. 4

**Question Number : 39 Question Id : 68634020694 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

विभिन्न देशों के पोषक तत्वों के लिए आहार भत्तों के निम्नलिखित निकायों को प्रारंभिक से नवीनतम तक उनकी स्थापना के क्रम में व्यवस्थित करें।

- A. मानव और पोषण संबंधी आवश्यकताएं, एफ.ए.ओ./डब्ल्यू.एच.ओ.
- B. खाद्य और पोषण बोर्ड, यू.एस.ए.
- C. पोषण विशेषज्ञ समिति, आई.सी.एम.आर., भारत
- D. पोषक तत्वों के अनुशंसित भत्तों का पैनल, यू.के.

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

- 1. A, B, C, D
- 2. C, D, B, A
- 3. D, C, B, A
- 4. B, A, C, D

**Options :**

- 68634081753. 1
- 68634081754. 2
- 68634081755. 3
- 68634081756. 4

**Question Number : 40 Question Id : 68634020695 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Arrange the following food items in an order from less to high amount of carbohydrates received when consume 100 grams of that particular food item.

- A. Nuts and oilseeds
- B. Pulses
- C. Honey
- D. Jaggery
- E. Roots and Tubers

Choose the correct answer from the options given below:

- 1. A, B, C, D, E
- 2. A, E, B, C, D
- 3. D, E, B, C, A
- 4. E, D, C, B, A

**Options :**

- 68634081757. 1
- 68634081758. 2

68634081759. 3

68634081760. 4

**Question Number : 40 Question Id : 68634020695 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित खाद्य पदार्थों को उस खाद्य पदार्थ के 100 ग्राम सेवन करने पर प्राप्त कार्बोहाइड्रेट की कम से अधिक मात्रा के क्रम में व्यवस्थित करें।

- A. मेवे और तिलहन
- B. दाल
- C. शहद
- D. गुड़
- E. जड़ें और कंद

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

- 1. A, B, C, D, E
- 2. A, E, B, C, D
- 3. D, E, B, C, A
- 4. E, D, C, B, A

**Options :**

68634081757. 1

68634081758. 2

68634081759. 3

68634081760. 4

**Question Number : 41 Question Id : 68634020696 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

"A number of individuals of the same species have come into the habitat from elsewhere during the time period under consideration" the above statement shows which aspect for density of a population?

- 1. Natality
- 2. Mortality
- 3. Emigration
- 4. Immigration

**Options :**

68634081761. 1

68634081762. 2

68634081763. 3

68634081764. 4



**Question Number : 41 Question Id : 68634020696 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

"विचाराधीन समय अवधि के दौरान एक प्रजाति के कई व्यक्ति बस्तियों में कहीं ओर से आए हैं" उपरोक्त कथन जनसंख्या के घनत्व के लिए कौन से पहलू को दर्शाता है?

1. जन्म दर
2. मृत्यु दर
3. प्रवासी
4. अप्रवासन

**Options :**

- 68634081761. 1
- 68634081762. 2
- 68634081763. 3
- 68634081764. 4

**Question Number : 42 Question Id : 68634020697 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

How much O<sub>2</sub> is required to oxidize fat to give 3.2 Kcal of energy?

1. 1 gram
2. 2 gram
3. 3 gram
4. 4 gram

**Options :**

- 68634081765. 1
- 68634081766. 2
- 68634081767. 3
- 68634081768. 4

**Question Number : 42 Question Id : 68634020697 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

3.2 किलो कैलोरी ऊर्जा देने के लिए वसा के ऑक्सीकरण के लिए कितने ग्राम ऑक्सीजन की आवश्यकता होती है?

1. 1 ग्राम
2. 2 ग्राम
3. 3 ग्राम
4. 4 ग्राम

**Options :**

68634081765. 1  
68634081766. 2  
68634081767. 3  
68634081768. 4

**Question Number : 43 Question Id : 68634020698 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements: one is labelled as Assertion A and the other labelled as Reason R.

**Assertion A:** The most practical method to detect Protein Energy Malnutrition (P.E.M) is to maintain the growth chart

**Reason R:** Protein energy malnutrition accounts for 30% of people in our country

In the light of the above statements, choose the correct answer from the options given below:

1. Both A and R are correct and R is the correct explanation of A
2. Both A and R are correct and R is NOT the correct explanation of A
3. A is true but R is false
4. A is true but R is true

**Options :**

68634081769. 1  
68634081770. 2  
68634081771. 3  
68634081772. 4

**Question Number : 43 Question Id : 68634020698 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं, एक अभिकथन के रूप में लिखित है तो दूसरा उसके कारण के रूप में,

**अभिकथन:** प्रोटीन ऊर्जा कुपोषण का पता लगाने का सबसे व्यावहारिक तरीका विकास चार्ट को बनाए रखना है।

**कारण:** प्रोटीन ऊर्जा कुपोषण हमारे देश के 30% लोगों के लिए जिम्मेदार है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. A और R दोनों सत्य हैं, और R, A की सही व्याख्या है
2. A और R दोनों सत्य हैं, और R, A की सही व्याख्या नहीं है
3. A सत्य है, लेकिन R असत्य है
4. A असत्य है, लेकिन R सत्य है

**Options :**

- 68634081769. 1
- 68634081770. 2
- 68634081771. 3
- 68634081772. 4

**Question Number : 44 Question Id : 68634020699 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The tidal volume increases during exercise by encroachment on:

1. Inspiratory Reserve volume
2. Expiratory Reserve volume
3. Alveolar ventilation
4. Inspiratory and expiratory Reserve volume

**Options :**

- 68634081773. 1
- 68634081774. 2
- 68634081775. 3
- 68634081776. 4

**Question Number : 44 Question Id : 68634020699 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

व्यायाम के दौरान ज्वारीय आयतन किस पर अतिक्रमण द्वारा बढ़ता है -

1. श्वसन आरक्षित मात्रा
2. निःश्वास आरक्षित मात्रा
3. एल्वोलर वेंटिलेशन
4. श्वसन और प्रश्वसन आरक्षित मात्रा

**Options :**

68634081773. 1  
68634081774. 2  
68634081775. 3  
68634081776. 4

**Question Number : 45 Question Id : 68634020700 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

An athlete is performing squat exercise and during that, he is using 80% muscle fibres of Quadriceps group of muscles. So according to "All or None law" how many percent of muscles are involved completely.

1. 40%
2. 20%
3. 80%
4. 10%

**Options :**

68634081777. 1  
68634081778. 2  
68634081779. 3  
68634081780. 4

**Question Number : 45 Question Id : 68634020700 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

एक एथलीट स्क्वेट एक्सरसाइज कर रहा है और इस दौरान वह क्राडिसेप्स समूह की मांसपेशियों के 80% मांसपेशी तन्तु का उपयोग कर रहा है। तो "ऑल और नन लॉ" के अनुसार क्राडिसेप्स समूह की मांसपेशी के कितने प्रतिशत मांसपेशी तन्तु पूरी तरह से शामिल होंगे।

1. 40%
2. 20%
3. 80%
4. 10%

**Options :**

- 68634081777. 1
- 68634081778. 2
- 68634081779. 3
- 68634081780. 4

**Question Number : 46 Question Id : 68634020701 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The process of group dynamics in which the group members gradually become more realistic as they come to understand each other's qualities, characteristics, strength weakness is known as?

- 1. Storming
- 2. Forming
- 3. Conforming
- 4. Performing

**Options :**

- 68634081781. 1
- 68634081782. 2
- 68634081783. 3
- 68634081784. 4

**Question Number : 46 Question Id : 68634020701 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

समूह की गतिशीलता की प्रक्रिया जिसमें समूह के सदस्य धीरे-धीरे अधिक यथार्थवादी हो जाते हैं क्योंकि वे एक-दूसरे के गुणों, विशेषताओं, ताकत और कमजोरियों को समझने लगते हैं, यह प्रक्रिया क्या कहलाती है?

- 1. झंझर
- 2. गठन
- 3. अनुरूप
- 4. प्रदर्शन

**Options :**

- 68634081781. 1
- 68634081782. 2
- 68634081783. 3
- 68634081784. 4

**Question Number : 47 Question Id : 68634020702 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



Which of the following is NOT an appropriate method of Coping with stress?

1. Stop talking to friends and family
2. Regular health appointments, tests and screenings
3. Limited Alcohol intake
4. Get enough sleep

**Options :**

- 68634081785. 1
- 68634081786. 2
- 68634081787. 3
- 68634081788. 4

**Question Number : 47 Question Id : 68634020702 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित में से कौन सी तनाव से निपटने की उपयुक्त विधि नहीं है?

1. मित्र और परिवार से बात करना बन्द कर देना
2. नियमित स्वास्थ्य चेकअप, परीक्षण और स्क्रीनिंग
3. सीमित शराब का सेवन
4. पर्याप्त नींद लेना

**Options :**

- 68634081785. 1
- 68634081786. 2
- 68634081787. 3
- 68634081788. 4

**Question Number : 48 Question Id : 68634020703 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

"The application of psychological principles to sports and physical activity at all levels of skill improvements is the crux of sports psychology", the statements was given by?

1. Robert N. Singer
2. Richard Cox
3. Margaret Brown and Michael Mahoney
4. Guddo Schilling

**Options :**

- 68634081789. 1

68634081790. 2

68634081791. 3

68634081792. 4

**Question Number : 48 Question Id : 68634020703 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

"कौशल सुधार के सभी स्तरों पर खेल और शारीरिक गतिविधि के लिए मनोवैज्ञानिक सिद्धांतों का अनुप्रयोग खेल मनोविज्ञान की जड़ है"। यह कथन किसके द्वारा दिया गया था?

1. रॉबर्ट एन. सिंगर
2. रिचर्ड कॉक्स
3. मागरिट ब्राउन एवं माइकल महोनी
4. गुड्डो शिलिंग

**Options :**

68634081789. 1

68634081790. 2

68634081791. 3

68634081792. 4

**Question Number : 49 Question Id : 68634020704 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Vitamin B7 is also known as.

1. Biotin
2. Niacin
3. Pyridine
4. Acid

**Options :**

68634081793. 1

68634081794. 2

68634081795. 3

68634081796. 4

**Question Number : 49 Question Id : 68634020704 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

विटामिन B7 को इस नाम से भी जाना जाता है -

1. बायोटिन
2. नियासिन
3. पेरिडीन
4. अम्ल

**Options :**

68634081793. 1  
68634081794. 2  
68634081795. 3  
68634081796. 4

**Question Number : 50 Question Id : 68634020705 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements:

**Statement I:** The extra cellular fluid contains large amount of sodium, chloride and bicarbonate ions

**Statement II:** The intra cellular fluid contains large amount of potassium, magnesium and phosphate ions

In the light of the above statements, choose the most appropriate answer from the options given below:

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II incorrect
4. Statement I is incorrect but Statement II correct

**Options :**

68634081797. 1  
68634081798. 2  
68634081799. 3  
68634081800. 4

**Question Number : 50 Question Id : 68634020705 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



दो कथन दिए गए हैं:

**कथन I:** अतिरिक्त कोशिकीय द्रव में बड़ी मात्रा में सोडियम क्लोराइड और बाइकार्बोनेट आयन होते हैं।

**कथन II:** अंतरिक कोशिकीय द्रव में बड़ी मात्रा में पोटेशियम मैग्नीशियम और फॉस्फेट आयन होते हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

68634081797. 1  
68634081798. 2  
68634081799. 3  
68634081800. 4

**Question Number : 51 Question Id : 68634020706 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II Match the terminologies of variations in chromosome

LIST I		LIST II	
A.	Aneuploidy	I.	$2n \times$ chromosome
B.	Trisomy	II.	$2n + 1$
C.	Monosomy	III.	$2n$
D.	Disomy	IV.	$2n - 1$

Choose the correct answer from the options given below:

1. A-II, B-I, C-III, D-IV
2. A-II, B-I, C-IV, D-II
3. A-I, B-II, C-IV, D-III
4. A-I, B-II, C-III, D-IV

**Options :**

68634081801. 1  
68634081802. 2  
68634081803. 3  
68634081804. 4

**Question Number : 51 Question Id : 68634020706 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

गुण सूत्रों में भिन्नता की शब्दावली का उनके स्पष्टीकरण के साथ मिलान करें -

सूची I		सूची II	
A.	असुगुणिता	I.	$2n \pm X$ गुणसूत्र
B.	त्रिगुणसूत्रता	II.	$2n + 1$
C.	एकलगुणसूत्रता	III.	$2n$
D.	विच्छेदन	IV.	$2n - 1$

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-II, B-I, C-III, D-IV
2. A-II, B-I, C-IV, D-II
3. A-I, B-II, C-IV, D-III
4. A-I, B-II, C-III, D-IV

**Options :**

68634081801. 1  
68634081802. 2  
68634081803. 3  
68634081804. 4

**Question Number : 52 Question Id : 68634020707 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

Which connective tissue sheath surrounds each fasciculus, also called as fascicle?

1. Myocardium
2. Epimysium
3. Endomysium
4. Perimysium

**Options :**

68634081805. 1  
68634081806. 2  
68634081807. 3  
68634081808. 4

**Question Number : 52 Question Id : 68634020707 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

कौन सा संयोजी ऊतक खोल प्रत्येक पुलिका को घेरे रहता है?

1. मायोकार्डियम
2. एपीमाइसियम
3. एंडोमाइसियम
4. पेरीमाइसियम

**Options :**

68634081805. 1  
68634081806. 2  
68634081807. 3  
68634081808. 4

**Question Number : 53 Question Id : 68634020708 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which neuron/nerves conduct impulses outward from the brain or spinal cord?

1. Alpha Neurons / Nerves
2. Efferent Neurons / Nerves
3. Afferent Neurons / Nerves
4. Beta Neurons / Nerves

**Options :**

68634081809. 1  
68634081810. 2  
68634081811. 3  
68634081812. 4

**Question Number : 53 Question Id : 68634020708 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

कौन सी न्यूरॉन/तंत्रिका मस्तिष्क या रीढ़ की हड्डी से बाहर की ओर आवेगों का संचालन करती हैं?

1. अल्फा न्यूरान्स/तंत्रिका
2. अपवाही न्यूरान्स/तंत्रिका
3. अभिवाही न्यूरान्स/तंत्रिका
4. बीटा न्यूरान्स/तंत्रिका

**Options :**

68634081809. 1

68634081810. 2  
68634081811. 3  
68634081812. 4

**Question Number : 54 Question Id : 68634020709 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Who amongst the following is known as the father of genetics?

1. Gregore Johann Mendel
2. W. Bateson
3. R.C Punnett
4. Morgan

**Options :**

68634081813. 1  
68634081814. 2  
68634081815. 3  
68634081816. 4

**Question Number : 54 Question Id : 68634020709 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित में से किसे अनुवांशिकी का जनक कहा जाता है?

1. ग्रेगर जोहान मेंडेल
2. डब्लू बैस्टसन
3. आर. सी. पुनेट
4. मॉर्गन

**Options :**

68634081813. 1  
68634081814. 2  
68634081815. 3  
68634081816. 4

**Question Number : 55 Question Id : 68634020710 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Out of the following which form of covalent bond is found between amino acids to form protein primary structure.

1. Ionic Bond
2. Hydrogen Bond
3. Glycoside Bond
4. Peptide Bond

**Options :**

- 68634081817. 1
- 68634081818. 2
- 68634081819. 3
- 68634081820. 4

**Question Number : 55 Question Id : 68634020710 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित में से प्राथमिक संरचना में प्रोटीन बनाने के लिए अमीनो एसिड के बीच सहसंयोजक बंधक का कौन सा रूप पाया जाता है -

1. आयोनिक बंध
2. हाइड्रोजन बंध
3. ग्लाइकोसाइड बंध
4. पेप्टाइड बंध

**Options :**

- 68634081817. 1
- 68634081818. 2
- 68634081819. 3
- 68634081820. 4

**Question Number : 56 Question Id : 68634020711 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

In which body part/ organ, ammonia is converted into urea?

1. Muscles
2. Kidney
3. Spleen
4. Liver

**Options :**

68634081821. 1  
68634081822. 2  
68634081823. 3  
68634081824. 4

**Question Number : 56 Question Id : 68634020711 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**  
**Correct Marks : 4 Wrong Marks : 1**

अमोनिया शरीर के किस भाग/अंग में यूरिया में परिवर्तित होता है?

1. माँसपेशियाँ
2. गुर्दा (किडनी)
3. प्लीहा (स्प्लीन)
4. यकृत

**Options :**

68634081821. 1  
68634081822. 2  
68634081823. 3  
68634081824. 4

**Question Number : 57 Question Id : 68634020712 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**  
**Correct Marks : 4 Wrong Marks : 1**

What is the total no. of protein coding genes present on the 23 pairs of chromosomes in human beings?

1. 15,000 to 20,000
2. 20,000 to 25,000
3. 10,000 to 15,000
4. 25,000 to 30,000

**Options :**

68634081825. 1  
68634081826. 2  
68634081827. 3  
68634081828. 4

**Question Number : 57 Question Id : 68634020712 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**  
**Correct Marks : 4 Wrong Marks : 1**



मानव में गुणसुत्रों के 23 जोड़ों पर मौजूद प्रोटीन कोडिंग जीन की कुल संख्या कितनी होती है?

1. 15,000 से 20,000
2. 20,000 से 25,000
3. 10,000 से 15,000
4. 25,000 से 30,000

**Options :**

68634081825. 1  
68634081826. 2  
68634081827. 3  
68634081828. 4

**Question Number : 58 Question Id : 68634020713 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Arrange the stages of psychosexual development given by Freud in a sequential order from first to last.

- A. Phallic stage
- B. Latency
- C. Anal stage
- D. Genital stage
- E. Oral stage

Choose the correct answer from the options given below:

1. E, C, D, A, B
2. C, E, D, A, B
3. E, C, A, B, D
4. C, E, A, B, D

**Options :**

68634081829. 1  
68634081830. 2  
68634081831. 3  
68634081832. 4

**Question Number : 58 Question Id : 68634020713 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

फ्रायड द्वारा दिए गए मनोलैंगिक विकास के चरणों को पहले से आखिरी तक व्यवस्थित करें।

- A. फॉलिक चरण
- B. लेटेंसी
- C. एनल चरण
- D. जेनिटल चरण
- E. ओरल चरण

नीचे दिए गए विकल्पों में से सही उत्तर चुनिए:

- 1. E, C, D, A, B
- 2. C, E, D, A, B
- 3. E, C, A, B, D
- 4. C, E, A, B, D

**Options :**

- 68634081829. 1
- 68634081830. 2
- 68634081831. 3
- 68634081832. 4

**Question Number : 59 Question Id : 68634020714 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following are the interspecific interactions arised from the interaction of population of two different species?

- A. Mutualism
- B. Humanism
- C. Commensalism
- D. Parasitism

Choose the appropriate answer from the options given below:

- 1. A, B, and C only
- 2. B, C and D only
- 3. B and C only
- 4. A, C, and D only

**Options :**

- 68634081833. 1
- 68634081834. 2
- 68634081835. 3
- 68634081836. 4



Question Number : 59 Question Id : 68634020714 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन-सी दो भिन्न प्रजातियों की जनसंख्या की अन्योन्य क्रिया से उत्पन्न अंतरजातीय अन्योन्य क्रियाएँ हैं?

- A. उप्तपरिवर्तन
- B. मानवतावाद
- C. सहभोजिता
- D. परजीविता

नीचे दिए गए विकल्पों में से सही उत्तर चुनिए:

1. केवल A, B और C
2. केवल B, C और D
3. केवल B और C
4. केवल A, C और D

**Options :**

- 68634081833. 1
- 68634081834. 2
- 68634081835. 3
- 68634081836. 4

Question Number : 60 Question Id : 68634020715 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

**Statement I:** Fatty Acids are the simplest form of lipid

**Statement II:** The liver is the major site for fatty acids synthesis

In the light of the above statements, choose the most appropriate answer from the options given below:

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II incorrect
4. Statement I is incorrect but Statement II correct

**Options :**

- 68634081837. 1
- 68634081838. 2
- 68634081839. 3
- 68634081840. 4

**Question Number : 60 Question Id : 68634020715 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

दो कथन दिए गए हैं:

**कथन I:** फ़ैटी एसिड वसा का सबसे सरल रूप है

**कथन II:** फ़ैटी एसिड संश्लेषण के लिए यकृत प्रमुख स्थान है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

- 68634081837. 1
- 68634081838. 2
- 68634081839. 3
- 68634081840. 4

**Question Number : 61 Question Id : 68634020716 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

Which among the following has given the theory of Idiographic approach of personality?

1. Raymond B. Cattell
2. W. H. Sheldon
3. Hans Eysenck
4. Gordon All port

**Options :**

- 68634081841. 1
- 68634081842. 2
- 68634081843. 3
- 68634081844. 4

**Question Number : 61 Question Id : 68634020716 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित में से किसने व्यक्तित्व के लिए लक्षण सिद्धान्तों का इडियोग्राफिक दृष्टिकोण दिया है?

1. रेमंड बी कैटेल
2. डब्ल्यू. एच. शेल्डन
3. हंस आइसेक
4. गार्डन ऑलपोर्ट

**Options :**

68634081841. 1  
68634081842. 2  
68634081843. 3  
68634081844. 4

**Question Number : 62 Question Id : 68634020717 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Out of the following, which elements is produced and added in excess amount into blood when someone consumes protein in greater amount than required.

1. Calcium
2. Magnesium
3. Nitrogen
4. Potassium

**Options :**

68634081845. 1  
68634081846. 2  
68634081847. 3  
68634081848. 4

**Question Number : 62 Question Id : 68634020717 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

जब कोई व्यक्ति प्रोटीन का सेवन उसकी आवश्यकता से अधिक करता है तो निम्नलिखित में से कौन-सा तत्व अधिक मात्रा में उत्पन्न हो कर रक्त में मिल जाता है?

1. कैल्शियम
2. मैग्नीशियम
3. नाइट्रोजन
4. पोटेशियम

**Options :**

68634081845. 1  
68634081846. 2  
68634081847. 3  
68634081848. 4

**Question Number : 63 Question Id : 68634020718 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**  
**Correct Marks : 4 Wrong Marks : 1**

Force whose line of action does not pass through the center of gravity of an object is known as \_\_\_\_\_.

1. Concentric force
2. Eccentric force
3. Concurrent force
4. Compressive force

**Options :**

68634081849. 1  
68634081850. 2  
68634081851. 3  
68634081852. 4

**Question Number : 63 Question Id : 68634020718 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**  
**Correct Marks : 4 Wrong Marks : 1**

वह बल जिसके कार्य करने की दिशा किसी वस्तु के गुरुत्वाकर्षण केन्द्र से नहीं गुजरती है, उसे \_\_\_\_\_ के रूप में जाना जाता है।

1. सकेन्द्रित बल
2. उत्केन्द्रित बल
3. समवर्ती बल
4. संकुचित बल

**Options :**

68634081849. 1  
68634081850. 2  
68634081851. 3  
68634081852. 4

**Question Number : 64 Question Id : 68634020719 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**  
**Correct Marks : 4 Wrong Marks : 1**

The total volume of blood pumped by the ventricle per minute is called as \_\_\_\_\_ ?

1. Ejection fraction
2. Stroke volume
3. End-systolic volume
4. Cardiac output

**Options :**

- 68634081853. 1
- 68634081854. 2
- 68634081855. 3
- 68634081856. 4

**Question Number : 64 Question Id : 68634020719 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

वेंट्रिकल द्वारा प्रति मिनट पंप किए गए रक्त की कुल मात्रा को \_\_\_\_\_ कहा जाता है।

1. इजेक्शन फ्रैक्शन
2. स्ट्रोक आयतन (वॉल्यूम)
3. एंड-सिस्टोलिक आयतन (वॉल्यूम)
4. कार्डिएक आउटपुट

**Options :**

- 68634081853. 1
- 68634081854. 2
- 68634081855. 3
- 68634081856. 4

**Question Number : 65 Question Id : 68634020720 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



Given below are two statements:

**Statement I:** Sheldon's classification of Personality on the basis of Physical characteristics are Endomorphic, Mesomorphic and Ectomorphic

**Statement II:** Jung's classification of personality are Viscerotonic, somatotonic and Cerebrotonic

In the light of the above statements, choose the most appropriate answer from the options given below:

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II incorrect
4. Statement I is incorrect but Statement II correct

**Options :**

68634081857. 1  
68634081858. 2  
68634081859. 3  
68634081860. 4

**Question Number : 65 Question Id : 68634020720 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

दो कथन दिए गए हैं:

**कथन I:** एंडोमोर्फिक, मेसोमोर्फिक व एक्टोमोर्फिक शारीरिक विशेषताओं के आधार पर शेल्डन के व्यक्तित्व वर्गीकरण हैं।

**कथन II:** जंग के व्यक्तित्व वर्गीकरण विसेरोटोनिक, सोमाटोटोनिक और सेरेब्रोटोनिक है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

68634081857. 1  
68634081858. 2  
68634081859. 3  
68634081860. 4

**Question Number : 66 Question Id : 68634020721 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

In reference to the vector quantities.

- A. Torque is a kinematic vector quantity
- B. Weight is a kinetic vector quantity
- C. Displacement is a kinetic vector quantity'
- D. Pressure is a kinematic vector quantity
- E. Acceleration is a kinematic vector quantity

Choose the correct answer from the options given below:

- 1. A and E only
- 2. B and E only
- 3. A and D only
- 4. B and D only

**Options :**

- 68634081861. 1
- 68634081862. 2
- 68634081863. 3
- 68634081864. 4

**Question Number : 66 Question Id : 68634020721 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

सदिश (वेक्टर) राशियों के संदर्भ में:

- A. टॉर्क एक गतिकी सदिश राशि है
- B. भार एक गतिज सदिश राशि है
- C. विस्थापन एक गतिज सदिश राशि है
- D. दाब एक गतिकी सदिश राशि है
- E. त्वरण एक गतिकी सदिश राशि है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

- 1. केवल A और E
- 2. केवल B और E
- 3. केवल A और D
- 4. केवल B और D

**Options :**

- 68634081861. 1
- 68634081862. 2

68634081863. 3

68634081864. 4

**Question Number : 67 Question Id : 68634020722 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

What represents the object's mass distribution with respect to a given axis of rotation?

1. Moment of inertia
2. Radius of inertia
3. Diameter of gyration
4. Radius of gyration

**Options :**

68634081865. 1

68634081866. 2

68634081867. 3

68634081868. 4

**Question Number : 67 Question Id : 68634020722 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

धूर्णन के दिए गए अक्ष के संबंध में वस्तुओं के भार के वितरण का प्रतिनिधित्व कौन करता है?

1. जडत्व का क्षण
2. जडत्व की त्रिज्या
3. परिभ्रमण का व्यास
4. परिभ्रमण की त्रिज्या

**Options :**

68634081865. 1

68634081866. 2

68634081867. 3

68634081868. 4

**Question Number : 68 Question Id : 68634020723 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**



Which of the following is an example of point mutation, which is arised due to the change in a single base pair of DNA?

1. Colour Blindness
2. Sickle Cell Anemia
3. Polycythemia vera
4. Rheumatoid Arthritis

**Options :**

68634081869. 1  
68634081870. 2  
68634081871. 3  
68634081872. 4

**Question Number : 68 Question Id : 68634020723 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित में से कौन सा बिन्दु उत्परिवर्तन का उदाहरण है, जो डी.एन.ए. के एकल क्षार युग्म में परिवर्तन के कारण उत्पन्न होता है?

1. वर्णाघंटा
2. सिकल सेल एनीमिया
3. पॉलीसिथेमिया वेरा
4. रूमेटाइड आर्थराइटिस

**Options :**

68634081869. 1  
68634081870. 2  
68634081871. 3  
68634081872. 4

**Question Number : 69 Question Id : 68634020724 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which among the following groups of food is not recommended according to the ICMR guidelines of Meal Planning.

1. Protective Food Group
2. Fats and Oils, Sugars and Jiggery Group
3. Cereal and Millets Group
4. Secondary Body Building Foods Group

**Options :**

- 68634081873. 1
- 68634081874. 2
- 68634081875. 3
- 68634081876. 4

**Question Number : 69 Question Id : 68634020724 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

आई.सी.एम.आर. के निर्देशानुसार भोजन के नियोजन के रूप में निम्नलिखित भोजन के समूहों में से कौन-सा अनुशासित नहीं किया जाता है?

- 1. सुरक्षात्मक खाद्य समूह
- 2. वसा और तेल, चीनी और गुड़ समूह
- 3. अनाज और बाजरा समूह
- 4. गौण शरीर निर्माण खाद्य समूह

**Options :**

- 68634081873. 1
- 68634081874. 2
- 68634081875. 3
- 68634081876. 4

**Question Number : 70 Question Id : 68634020725 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The Condition in which a segment of a chromosome breaks away, Completely reverses itself and reattaches with the chromosome is know as \_\_\_\_\_ .

- 1. Deletion
- 2. Duplication
- 3. Inversion
- 4. Translocation

**Options :**

- 68634081877. 1
- 68634081878. 2
- 68634081879. 3
- 68634081880. 4

**Question Number : 70 Question Id : 68634020725 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

वह स्थिति जिसमें गुणसूत्र का एक खण्ड टूट जाता है, पूरी तरह से उलट जाता है और गुणसूत्र के साथ फिर जुड़ जाता है, वह \_\_\_\_\_ के रूप में जाना जाता है।

1. विलोपन
2. प्रतिरूप
3. व्युत्क्रमण
4. स्थानान्तरण

**Options :**

- 68634081877. 1
- 68634081878. 2
- 68634081879. 3
- 68634081880. 4

**Question Number : 71 Question Id : 68634020726 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

What is the end product of glycolysis, if muscle contraction occurs under acerbic condition?

1. Water
2. Pyruvate
3. Glycerate
4. Lactate

**Options :**

- 68634081881. 1
- 68634081882. 2
- 68634081883. 3
- 68634081884. 4

**Question Number : 71 Question Id : 68634020726 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

ग्लाइकोलाइसिस का अंतिम उत्पाद क्या है यदि माँसपेशी का संकुचन ऐरोबिक अवस्था में होता है -

1. पानी
2. प्रायुवेट
3. ग्लेसरेट
4. लेक्टेट

**Options :**

68634081881. 1  
68634081882. 2  
68634081883. 3  
68634081884. 4

**Question Number : 72 Question Id : 68634020727 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**  
**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

LIST I		LIST II	
A.	Glucose	I.	Polysaccharides
B.	Sucrose	II.	Monosaccharides
C.	Veracose	III.	Oligosaccharides
D.	Glycogen	IV.	Disaccharides

Choose the correct answer from the options given below:

1. A-II, B-IV, C-I, D-III
2. A-II, B-IV, C-III, D-I
3. A-I, B-IV, C-III, D-II
4. A-I, B-II, C-III, D-IV

**Options :**

68634081885. 1  
68634081886. 2  
68634081887. 3  
68634081888. 4

**Question Number : 72 Question Id : 68634020727 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**  
**Correct Marks : 4 Wrong Marks : 1**

सूची I का सूची II से मिलान कीजिए

सूची I		सूची II	
A.	ग्लूकोज	I.	पोली सेचाराइड्स
B.	सुक्रोज	II.	मोनो सेचाराइड्स
C.	वेराकोज	III.	ओलीगो सेचाराइड्स
D.	ग्लाइकोजन	IV.	डाइसेचाराइड्स

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-II, B-IV, C-I, D-III

2. A-II, B-IV, C-III, D-I

3. A-I, B-IV, C-III, D-II

4. A-I, B-II, C-III, D-IV

**Options :**

68634081885. 1

68634081886. 2

68634081887. 3

68634081888. 4

**Question Number : 73 Question Id : 68634020728 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II with the theories of motivation and their authors

LIST I Theories		LIST II Authors	
A.	Instinct Theory	I.	Abraham Maslow
B.	Drive Theory	II.	Clark Hull
C.	Need Theory	III.	William Mc Dougal
D.	Reinforcement Theory	IV.	Charles Skinner

Choose the correct answer from the options given below:

1. A-III, B-II, C-I, D-IV

2. A-III, B-I, C-IV, D-II

3. A-II, B-III, C-I, D-IV

4. A-III, B-II, C-IV, D-I

**Options :**

68634081889. 1

68634081890. 2

68634081891. 3

68634081892. 4



Question Number : 73 Question Id : 68634020728 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I में दिए गए सिद्धान्तों को सूची II में दिए गए लेखकों से मिलाइए।

सूची I सिद्धान्त		सूची II लेखक	
A.	मूल प्रवृत्ति का सिद्धान्त	I.	अब्राहम मेसलॉ
B.	ड्राइव का सिद्धान्त	II.	क्लार्क हूल
C.	आवश्यकता का सिद्धान्त	III.	विलियम मैकडूगल
D.	प्रबलिकरण का सिद्धान्त	IV.	चार्ल्स स्किनर

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-III, B-II, C-I, D-IV
2. A-III, B-I, C-IV, D-II
3. A-II, B-III, C-I, D-IV
4. A-III, B-II, C-IV, D-I

Options :

68634081889. 1  
68634081890. 2  
68634081891. 3  
68634081892. 4

Question Number : 74 Question Id : 68634020729 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

**Statement I:** DNA and RNA are the two types of nucleic acids found in living systems

**Statement II:** RNA acts as the genetic material in most of the organisms. DNA though acts as genetic material in some viruses but mostly functions as a messenger.

In the light of the above statements, choose the most appropriate answer from the options given below:

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II incorrect
4. Statement I is incorrect but Statement II correct

Options :

68634081893. 1

68634081894. 2

68634081895. 3

68634081896. 4

**Question Number : 74 Question Id : 68634020729 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं:

**कथन I:** डी.एन.ए. और आर.एन.ए. जैविक तंत्र में पाए जाने वाले दो न्यूक्लिक अम्ल हैं।

**कथन II:** आर.एन.ए. अधिकांश जीवों में अनुवांशिक सामग्री के रूप में कार्य करता है। हालांकि डी एन ए कुछ विषाणुओं में अनुवांशिक सामग्री के रूप में कार्य करता है, लेकिन ज्यादातर कल्पित संदेशवाहक के रूप में कार्य करता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

68634081893. 1

68634081894. 2

68634081895. 3

68634081896. 4

**Question Number : 75 Question Id : 68634020730 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Amongst the following food items, which one contains little complex carbohydrates?

1. Rice
2. Bread
3. Fruit
4. Pasta

**Options :**

68634081897. 1

68634081898. 2

68634081899. 3

68634081900. 4

**Question Number : 75 Question Id : 68634020730 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित खाद्य पदार्थों में से किस खाद्य पदार्थ में कम जटिल कार्बोहाइड्रेट है।

1. चावल
2. ब्रेड
3. फल
4. पास्ता

**Options :**

68634081897. 1  
68634081898. 2  
68634081899. 3  
68634081900. 4

**Question Number : 76 Question Id : 68634020731 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Out of the following, which vitamin is NOT stored in liver?

1. Vitamin A
2. Vitamin C
3. Vitamin D
4. Vitamin K

**Options :**

68634081901. 1  
68634081902. 2  
68634081903. 3  
68634081904. 4

**Question Number : 76 Question Id : 68634020731 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित में से कौन-सा विटामिन लीवर (यकृत) में संग्रहीत नहीं होता है?

1. विटामिन - ए
2. विटामिन - सी
3. विटामिन - डी
4. विटामिन - के

**Options :**

68634081901. 1



68634081902. 2  
68634081903. 3  
68634081904. 4

**Question Number : 77 Question Id : 68634020732 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which among the following is NOT correct in reference to the Pentose Phosphate Pathway?

1. It is an alternate route for the metabolism of glucose
2. It lead to the formation of ATP
3. It lead to the formation of NADPH
4. It synthesises ribose for nucleic acid formation

**Options :**

68634081905. 1  
68634081906. 2  
68634081907. 3  
68634081908. 4

**Question Number : 77 Question Id : 68634020732 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

पेन्टोज़ फोस्फेट पाथवे के संदर्भ में निम्नलिखित में से कौन सही नहीं है?

1. यह ग्लूकोज के उपापचय का एक वैकल्पिक रास्ता है
2. यह ए.टी.पी. के निर्माण की ओर अग्रसर रहता है।
3. यह एन ए डी पी एच के निर्माण की ओर अग्रसर रहता है।
4. यह न्यूक्लिक अम्ल निर्माण के लिए राइबोज का संश्लेषण करता है।

**Options :**

68634081905. 1  
68634081906. 2  
68634081907. 3  
68634081908. 4

**Question Number : 78 Question Id : 68634020733 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The process of producing glucose from non-carbohydrate sources such as lactate pyruvate and glycerol is termed as?

1. Glycolysis
2. Glycogenesis
3. Gluconeogenesis
4. Glycogenolysis

**Options :**

- 68634081909. 1
- 68634081910. 2
- 68634081911. 3
- 68634081912. 4

**Question Number : 78 Question Id : 68634020733 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

गैर-कार्बोहाइड्रेट स्रोतों जैसे लैक्टेट, पाइरूवेट और ग्लिसरॉल से ग्लूकोज बनाने की प्रक्रिया को \_\_\_\_\_ कहा जाता है।

1. ग्लाइकोलाइसिस
2. ग्लाइकोजेनिसिस
3. ग्लाइकोन्यूओजेनेसिस
4. ग्लाइकोजेनोलाइसिस

**Options :**

- 68634081909. 1
- 68634081910. 2
- 68634081911. 3
- 68634081912. 4

**Question Number : 79 Question Id : 68634020734 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is NOT a type of Internal Process theories of motivation?

1. Incentive Theory
2. Instinct Theory
3. Drive Theory
4. Need Theory

**Options :**

- 68634081913. 1

68634081914. 2  
68634081915. 3  
68634081916. 4

**Question Number : 79 Question Id : 68634020734 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित में से कौन सा अभिप्रेरणा के सिद्धान्त की आंतरिक प्रक्रिया का प्रकार नहीं है?

1. प्रोत्साहन सिद्धान्त
2. मूलप्रवृत्ति सिद्धान्त
3. ड्राइव का सिद्धान्त
4. आवश्यकता का सिद्धान्त

**Options :**

68634081913. 1  
68634081914. 2  
68634081915. 3  
68634081916. 4

**Question Number : 80 Question Id : 68634020735 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which among the following is commonly called as "GLOW" Foods?

1. Food rich in fats and oils
2. Foods rich in minerals and vitamins
3. Food Rich in Protein
4. Foods rich in carbohydrate and fats

**Options :**

68634081917. 1  
68634081918. 2  
68634081919. 3  
68634081920. 4

**Question Number : 80 Question Id : 68634020735 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित में से किसे सामान्यतः आभा बढ़ाने वाले खाद्य कहा जाता है?

1. अधिक वसा और तेल वाला भोजन
2. अधिक खनिज और वाटामिन वाला भोजन
3. अधिक प्रोटीन वाला भोजन
4. अधिक कार्बोहाइड्रेट और वसा वाला भोजन

**Options :**

68634081917. 1  
68634081918. 2  
68634081919. 3  
68634081920. 4

**Question Number : 81 Question Id : 68634020736 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

How many number of ATP's are produced from the complete oxidation of 1 mol of Glucose?

1. 12
2. 24
3. 38
4. 02

**Options :**

68634081921. 1  
68634081922. 2  
68634081923. 3  
68634081924. 4

**Question Number : 81 Question Id : 68634020736 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

ग्लूकोज के 1 अणु के पूर्ण ऑक्सीकरण से कितने एटीपी का उत्पादन होता है?

1. 12
2. 24
3. 38
4. 02

**Options :**

68634081921. 1  
68634081922. 2

68634081923. 3

68634081924. 4

**Question Number : 82 Question Id : 68634020737 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

Given below are two statements: one is labelled as Assertion A and the other labelled as Reason R.

**Assertion A:** In Autosomal dominant disorder the normal allele is recessive and the abnormal allele is dominant

**Reason R:** Dwarfism is a type of Autosomal dominant disorder

In the light of the above statements, choose the most appropriate answer from the options given below:

1. Both A and R are correct and R is the correct explanation of A
  
2. Both A and R are correct and R is NOT the correct explanation of A
  
3. A is correct but R is not correct
  
4. A is not correct but R is correct

**Options :**

68634081925. 1

68634081926. 2

68634081927. 3

68634081928. 4

**Question Number : 82 Question Id : 68634020737 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं, एक अभिकथन (A) के रूप में लिखित है तो दूसरा उसके कारण (R) के रूप में,

**अभिकथन (A):** एक ऑटोसोमल प्रभावी विकार में सामान्य (जेनेटिक तत्व) अलील अप्रभावी और असामान्य अलील (जैनेटिक) प्रभाव होता है।

**कारण (R):** बोनापन एक प्रकार का ऑटोसोमल प्रमुख विकार है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

1. A और R दोनों सत्य हैं, और R, A की सही व्याख्या है
2. A और R दोनों सत्य हैं, और R, A की सही व्याख्या नहीं है
3. A सत्य है, लेकिन R असत्य है
4. A असत्य है, लेकिन R सत्य है

**Options :**

68634081925. 1  
68634081926. 2  
68634081927. 3  
68634081928. 4

**Question Number : 83 Question Id : 68634020738 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Arrange the sequence of Forward Genetics in an order from first to last.

- A. Mutant Alleles
- B. Protein
- C. Phenotypic Variations
- D. DNA/ Gene

Choose the correct answer from the options given below:

1. A, C, D, B
2. A, C, B, D
3. C, A, D, B
4. C, A, B, D

**Options :**

68634081929. 1  
68634081930. 2  
68634081931. 3  
68634081932. 4

**Question Number : 83 Question Id : 68634020738 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**



**Correct Marks : 4 Wrong Marks : 1**

फॉरवर्ड आनुवांशिक के क्रम को पहले से आखिरी तक व्यवस्थित करें -

- A. उत्परिवर्ती जेनेटिक तत्व
- B. प्रोटीन
- C. फेनोटाइपिक विविधताएँ
- D. डी.एन.ए./ जीन

नीचे दिए गए विकल्पों में से सही उत्तर चुनिए:

- 1. A, C, D, B
- 2. A, C, B, D
- 3. C, A, D, B
- 4. C, A, B, D

**Options :**

- 68634081929. 1
- 68634081930. 2
- 68634081931. 3
- 68634081932. 4

**Question Number : 84 Question Id : 68634020739 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following statements are correct in reference to the Glycolysis and oxidation of Pyruvate.

- A. Glycolysis is regulated by six enzyme category of non equilibrium reactions
- B. Lactate is the end product of glycolysis under aerobic condition
- C. Glycolysis is the cytosolic pathway for the metabolism of glucose to lactate only
- D. Pyruvate is oxidized to Acetyl-CoA

Choose the appropriate answer from the options given below:

- 1. A, B only
- 2. B, D only
- 3. B, C only
- 4. C, D only

**Options :**

- 68634081933. 1
- 68634081934. 2
- 68634081935. 3
- 68634081936. 4

**Question Number : 84 Question Id : 68634020739 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

पाइरूवेट के ऑक्सीकरण तथा ग्लाइकोलाइसिस के संदर्भ में निम्नलिखित में से कौन-सा कथन सही है?

- A. ग्लाइकोलाइसिस को गैर संतुलन प्रतिक्रियाओं को उत्प्रेरित करने वाले 6 एनजाइम्स द्वारा नियंत्रित किया जाता है।
- B. लैक्टेट एरोबिक स्थिति के तहत ग्लाइकोलाइसिस का अंतिम उत्पाद है।
- C. ग्लाइकोलाइसिस केवल ग्लूकोज के चयापचन को लैक्टेट करने के लिए साइटोसोलिक चयापचय मार्ग है।
- D. पाइरूवेट को एसिटाइल-कोएंजाइम में ऑक्सीकृत किया जाता है।

नीचे दिए गए विकल्पों में से उपयुक्त उत्तर चुनिए:

- 1. केवल A, B
- 2. केवल B, D
- 3. केवल B, C
- 4. केवल C, D

**Options :**

- 68634081933. 1
- 68634081934. 2
- 68634081935. 3
- 68634081936. 4

**Question Number : 85 Question Id : 68634020740 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The word Cohesion is rooted in a Latin expression "Cohaesus" which means \_\_\_\_\_ ?

- 1. Relieve
- 2. Cleave
- 3. Heave
- 4. Sieve

**Options :**

- 68634081937. 1
- 68634081938. 2
- 68634081939. 3
- 68634081940. 4

**Question Number : 85 Question Id : 68634020740 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



सामंजस्य शब्द एक लैटिन अभिव्यक्ति "कोहासस" में निहित है, जिसका अर्थ है:

1. छोड़ना (रिलीव)
2. फोड़ना (क्लीव)
3. उसास (हीव)
4. चलनी (सीव)

**Options :**

68634081937. 1  
68634081938. 2  
68634081939. 3  
68634081940. 4

**Question Number : 86 Question Id : 68634020741 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Arrange the sequence of steps involved in citric Acid cycle from first to last.

- A. Formation of Isocitrate
- B. Formation of Succinate
- C. Formation of Fumarate
- D. Formation of Ketoglutarate
- E. Formation of citrate

Choose the correct answer from the options given below:

1. E, A, B, D, C
2. E, B, A, D, C
3. E, A, D, B, C
4. E, B, C, D, A

**Options :**

68634081941. 1  
68634081942. 2  
68634081943. 3  
68634081944. 4

**Question Number : 86 Question Id : 68634020741 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

दिए गए विकल्पों में पहले से अंतिम तक साइट्रिक अम्ल चक्र में शामिल चरणों के क्रम को व्यवस्थित करें -

- A. आइसोसिट्रेट का निर्माण
- B. सक्सीनेट का निर्माण
- C. फ्युमेरेट का निर्माण
- D. किटोग्लूटेरेट का निर्माण
- E. सिट्रेट का निर्माण

नीचे दिए गए विकल्पों में से सही उत्तर चुनिए:

- 1. E, A, B, D, C
- 2. E, B, A, D, C
- 3. E, A, D, B, C
- 4. E, B, C, D, A

**Options :**

- 68634081941. 1
- 68634081942. 2
- 68634081943. 3
- 68634081944. 4

**Question Number : 87 Question Id : 68634020742 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

What are the general functions of lobes of cerebrum?

- A. Frontal lobe do the visual input and interpretation
- B. Temporal lobe do the auditory input and interpretation
- C. Parietal lobe do the general sensory input and interpretation
- D. Occipital lobe do the functions linked to emotions
- E. Insular lobe do the general intellect and motor control

Choose the correct answer from the options given below:

- 1. B, E only
- 2. A, C only
- 3. B, C only
- 4. A, B only

**Options :**

- 68634081945. 1
- 68634081946. 2
- 68634081947. 3
- 68634081948. 4

**Question Number : 87 Question Id : 68634020742 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सेरीब्रम की लोब के सामान्य कार्य क्या है?

- A. फ्रंटल लोब दृश्य इनपूट देते हैं और उनकी व्याख्या करते है।
- B. टेम्पोरेल लोब श्रवण इनपूट देते है और उनकी व्याख्या करते है।
- C. पेरियटल लोब सामान्य संवेदी इनपूट देते है और उनकी व्याख्या करते है।
- D. ओसीपीटल लोब भावनाओं से जुडे कार्य करते है।
- E. इन्सुलर लोब सामान्य बुद्धि और मोटर नियंत्रण से जुड़ें कार्य करते हैं।

नीचे दिए गए विकल्पों में से सही उत्तर चुनिए:

- 1. केवल B, E
- 2. केवल A, C
- 3. केवल B, C
- 4. केवल A, B

**Options :**

- 68634081945. 1
- 68634081946. 2
- 68634081947. 3
- 68634081948. 4

**Question Number : 88 Question Id : 68634020743 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Out of following Vitamins, excessive intake of which Vitamins are toxic for our health.

- A. A
- B. B<sub>1</sub>
- C. B<sub>2</sub>
- D. C
- E. D

Choose the correct answer from the options given below:

- 1. A, B and C only
- 2. A, B and D only
- 3. A and D only
- 4. B, C, and D only

**Options :**

- 68634081949. 1
- 68634081950. 2

68634081951. 3

68634081952. 4

**Question Number : 88 Question Id : 68634020743 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित विटामिनों में से किस विटामिन का ज्यादा सेवन हमारे स्वास्थ्य पर विषैला प्रभाव डालता है।

- A. ए
- B. बी<sub>1</sub>
- C. बी<sub>2</sub>
- D. सी
- E. डी

नीचे दिए गए विकल्पों में से सही उत्तर चुनिए:

1. केवल A, B और C
2. केवल A, B और D
3. केवल A और D
4. केवल B, C और C

**Options :**

68634081949. 1

68634081950. 2

68634081951. 3

68634081952. 4

**Question Number : 89 Question Id : 68634020744 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements:

**Statement I:** The linear inertia is dependent on only one variable (mass)

**Statement II:** The angular inertia is dependent on two variables mass and the distribution of mass

In the light of the above statements, choose the correct answer from the options given below:

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

- 68634081953. 1
- 68634081954. 2
- 68634081955. 3
- 68634081956. 4

**Question Number : 89 Question Id : 68634020744 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निचे दो कथन दिए गए हैं:

**कथन I:** रैखिक जड़त्व केवल एक चर (द्रव्यमान) पर निर्भर है।

**कथन II:** कोणीय जड़त्व दो चरों के द्रव्यमान और द्रव्यमान के वितरण पर निर्भर है।

उपरोक्त कथन के आंशिक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

- 68634081953. 1
- 68634081954. 2
- 68634081955. 3
- 68634081956. 4



**Question Number : 90 Question Id : 68634020745 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements: one is labelled as Assertion A and the other labelled as Reason R

**Assertion A:** A research by Kanehisa et. al (1994) shows that elbow flexor and extensor muscles of men were stronger as well as exert more force than women

**Reason R:** Men have greater cross-sectional area in their muscle than women

In the light of the above statements, choose the correct answer from the options given below:

1. Both A and R are correct and R is the correct explanation of A
2. Both A and R are correct and R is NOT the correct explanation of A
3. A is correct but R is not correct
4. A is not correct but R is correct

**Options :**

- 68634081957. 1
- 68634081958. 2
- 68634081959. 3
- 68634081960. 4

**Question Number : 90 Question Id : 68634020745 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निचे दो कथन दिए गए हैं:

**कथन I:** कानेदिसा एव अन्य (1994) द्वारा किए गए एक शोध से पता चला कि पुरुषों की कोहनी की फ्लेक्सर और एक्सटेंसर माँसपेशियाँ महिलाओं की तुलना में अधिक मजबूत होने के साथ-साथ अधिक बल लगाती है।

**कथन II:** महिलाओं की तुलना में पुरुषों की माँसपेशियों में क्रॉस सेक्शनल एरिया अधिक होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

- 68634081957. 1
- 68634081958. 2

68634081959. 3

68634081960. 4

**Question Number : 91 Question Id : 68634020746 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

What are the symptoms of Manic Episode in Bipolar Disorder?

- A. Increased or faster speech
- B. Despair
- C. Distractibility
- D. Uncontrollable Racing Thoughts

Choose the correct answer from the options given below:

1. A, B and C only
2. A, C and D only
3. A, B and D only
4. B, C and D only

**Options :**

68634081961. 1

68634081962. 2

68634081963. 3

68634081964. 4

**Question Number : 91 Question Id : 68634020746 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

दो ध्रुवीय विकार (बाइपोलर डिसऑर्डर) में मैनिक एपिसोड के लक्षण क्या हैं?

1. तेजी से या अधिक बोलना
2. निराश होना
3. ध्यान भंग होना
4. अनियंत्रित रूप से दौड़ते हुए विचार

**Options :**

68634081961. 1

68634081962. 2

68634081963. 3

68634081964. 4

**Question Number : 92 Question Id : 68634020747 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**



Given below are two statements: one is labelled as Assertion A and the other labelled as Reason R

**Assertion A:** Adolescent spurt of growth has a far greater proportional magnitude for weight than for height

**Reason R:** This is generally due to tendency to accumulate large quantities of Protein in sub-cutaneous tissue in this period

In the light of the above statements, choose the correct answer from the options given below:

1. Both A and R are correct and R is the correct explanation of A
2. Both A and R are correct and R is NOT the correct explanation of A
3. A is true but R is false
4. A is true but R is true

**Options :**

- 68634081965. 1
- 68634081966. 2
- 68634081967. 3
- 68634081968. 4

**Question Number : 92 Question Id : 68634020747 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

दो कथन दिए गए हैं:

**कथन I:** किशोरावस्था में वृद्धि के दौरान ऊँचाई की तुलना में वजन के लिए कहीं अधिक आनुपातिक परिमाण होता है।

**कथन II:** यह आम तौर पर इस अवधि के दौरान उप-त्वचीय उतकों में बड़ी मात्रा में प्रोटीन जमा करने की प्रवृत्ति के कारण होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

- 68634081965. 1
- 68634081966. 2
- 68634081967. 3
- 68634081968. 4

Question Number : 93 Question Id : 68634020748 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

LIST I		LIST II	
A.	Central Nervous System	I.	Cranial Nerves and Spinal Nerve
B.	Autonomic Nervous System	II.	Conduct Impulse from CNS to Skeletal muscles
C.	Peripheral Nervous System	III.	Brain and Spinal cord
D.	Somatic Nervous System	IV.	Conduct Impulse from CNS to smooth muscles

Choose the correct answer from the options given below:

1. A-IV, B-III, C-II, D-I
2. A-III, B-IV, C-II, D-I
3. A-IV, B-III, C-I, D-II
4. A-III, B-IV, C-I, D-II

Options :

68634081969. 1  
68634081970. 2  
68634081971. 3  
68634081972. 4

Question Number : 93 Question Id : 68634020748 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I का सूची II से मिलान कीजिए

सूची I		सूची II	
A.	केंद्रीय तंत्रिका तंत्र	I.	कपाल तंत्रिकाएं और रीढ़ की हड्डी
B.	स्वायत्त तंत्रिका तंत्र	II.	सी.एन.एस. से कंकाल की मांसपेशियों तक आवेग का संचालन
C.	परिधीय तंत्रिका तंत्र	III.	मस्तिष्क और रीढ़ की हड्डी
D.	दैहिक तंत्रिका तंत्र	IV.	सी.एन.एस. से चिकनी मांसपेशियों तक आवेग का संचालन

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-IV, B-III, C-II, D-I
2. A-III, B-IV, C-II, D-I
3. A-IV, B-III, C-I, D-II
4. A-III, B-IV, C-I, D-II

Options :

68634081969. 1

68634081970. 2  
68634081971. 3  
68634081972. 4

**Question Number : 94 Question Id : 68634020749 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements:

**Statement I:** The fast fibers (fast twitch fibers) has less number of mitochondria

**Statement II:** The fast fibers (fast twitch fibers) has low resistance to fatigue

In the light of the above statements, choose the correct answer from the options given below:

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

68634081973. 1  
68634081974. 2  
68634081975. 3  
68634081976. 4

**Question Number : 94 Question Id : 68634020749 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

दो कथन दिए गए हैं:

**कथन I:** फास्ट फाइबर्स (फास्ट ट्विच फाइबर्स) में माइटोकॉन्ड्रिया की संख्या कम होती है।

**कथन II:** फास्टफाइबर्स (फास्ट ट्विच फाइबर्स) में थकान का प्रतिरोध कम होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

68634081973. 1

68634081974. 2

68634081975. 3

68634081976. 4

**Question Number : 95 Question Id : 68634020750 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Arrange the following, in a sequence in respect to hypothalamus function to regulate body temperature

- A. Decreased blood temperature is sensed by Hypothalamus
- B. Skeletal muscles causes shivering
- C. Vaso constriction occurs in skin blood vessels
- D. Decreased blood or skin temperature
- E. Body temperature increases

Choose the correct answer from the options given below:

- 1. D, C, B, A, E
- 2. D, A, B, C, E
- 3. D, A, C, B, E
- 4. D, B, C, A, E

**Options :**

68634081977. 1

68634081978. 2

68634081979. 3

68634081980. 4

**Question Number : 95 Question Id : 68634020750 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

शरीर के तापमान को नियंत्रित करने के लिए हाइपोथैलेमस के कार्य के क्रम में व्यवस्थित करें।

- A. रक्त के तापमान में कमी हाइपोथैलेमस द्वारा महसूस की जाती है।
- B. कंकाली मांसपेशियां कंपकंपी करती है।
- C. त्वचा की रक्तवाहिनियों में वहिकासंकीर्णन होता है।
- D. रक्त या त्वचा का तापमान कम होता है।
- E. शरीर का तापमान बढ़ जाता है।

नीचे दिए गए विकल्पों में से सही उत्तर चुनिए:

- 1. D, C, B, A, E
- 2. D, A, B, C, E
- 3. D, A, C, B, E
- 4. D, B, C, A, E



**Options :**

- 68634081977. 1
- 68634081978. 2
- 68634081979. 3
- 68634081980. 4

**Question Number : 96 Question Id : 68634020751 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The law of conservation of energy is also known as the \_\_\_\_\_ .

- 1. Newton's law of thermodynamics
- 2. Second law of thermodynamics
- 3. First law of thermodynamics
- 4. Third law of thermodynamics

**Options :**

- 68634081981. 1
- 68634081982. 2
- 68634081983. 3
- 68634081984. 4

**Question Number : 96 Question Id : 68634020751 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

ऊर्जा के संरक्षण के नियम को \_\_\_\_\_ के रूप में भी जाना जाता है।

- 1. न्यूटन का ऊष्मा गतिकी का नियम
- 2. ऊष्मागतिकी का दूसरा नियम
- 3. ऊष्मागतिकी का पहला नियम
- 4. ऊष्मागतिकी का तीसरा नियम

**Options :**

- 68634081981. 1
- 68634081982. 2
- 68634081983. 3
- 68634081984. 4

**Question Number : 97 Question Id : 68634020752 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II match the following food product in List I with their adulterant in List II

LIST I Food Product		LIST II Adulterant	
A.	Black pepper/ cloves	I.	Urea
B.	Sugar	II.	Common salt
C.	Wheat/Rice	III.	Coated with mineral oil
D.	Powdered spices	IV.	Karnal Bunt

Choose the correct answer from the options given below:

1. A-III, B-IV, C-I, D-II
2. A-I, B-II, C-III, D-IV
3. A-IV, B-I, C-IV, D-III
4. A-III, B-I, C-IV, D-II

**Options :**

68634081985. 1  
68634081986. 2  
68634081987. 3  
68634081988. 4

**Question Number : 97 Question Id : 68634020752 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

सूची-I में खाद्य उत्पादों को सूची-II में दिए गए मिलावटी तत्वों के साथ मिलाइए।

सूची I		सूची II	
A.	काली मिर्च/लौंग	I.	यूरिया
B.	चीनी	II.	साधारण नमक
C.	गेहूँ/चावल	III.	खनिज तेल से लेपित
D.	मसाले पाउडर	IV.	करनाल बंट

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-III, B-IV, C-I, D-II
2. A-I, B-II, C-III, D-IV
3. A-IV, B-I, C-IV, D-III
4. A-III, B-I, C-IV, D-II

**Options :**

68634081985. 1  
68634081986. 2  
68634081987. 3  
68634081988. 4

**Question Number : 98 Question Id : 68634020753 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Among the following categories of people, which is/are not affected by malnutrition?

- A. Non-breasted Children
- B. Pregnant and lactating women
- C. Infant and children below 2 years of age
- D. People who are food secure

Choose the appropriate answer from the options given below:

1. A, B and C only
2. B and C only
3. C and D only
4. D only

**Options :**

- 68634081989. 1
- 68634081990. 2
- 68634081991. 3
- 68634081992. 4

**Question Number : 98 Question Id : 68634020753 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित में से लोगो की कौन-सी श्रेणी कुपोषण से प्रभावित नहीं होती है?

- A. स्तनपान न करने वाले बच्चे
- B. गर्भवती और स्तनपान कराने वाली महिला
- C. शिशु और 2 वर्ष से कम उम्र के बच्चे
- D. जो लोग खाद्य सुरक्षित है।

नीचे दिए गए विकल्पों में से सही उत्तर चुनिए:

1. केवल A, B और C
2. केवल B और C
3. केवल C और D
4. केवल D

**Options :**

- 68634081989. 1
- 68634081990. 2
- 68634081991. 3
- 68634081992. 4



**Question Number : 99 Question Id : 68634020754 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

Given below are two statements:

**Statement I:** Food Safety and Standards Authority of India (FSSAI) conducts testing for different type of adulterants

**Statement II:** FSSAI through a network of notified laboratories conduct food testing and a consumer can also take samples of food and get it tested in such labs

In the light of the above statements, choose the most appropriate answer from the options given below:

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II incorrect
4. Statement I is incorrect but Statement II correct

**Options :**

- 68634081993. 1
- 68634081994. 2
- 68634081995. 3
- 68634081996. 4

**Question Number : 99 Question Id : 68634020754 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

दो कथन दिए गए हैं:

**कथन I:** भारतीय खाद्य सुरक्षा और मानक प्राधिकरण (एफ.एस.एस.ए.आई) विभिन्न प्रकार के मिलावट के लिए भोजन का परीक्षण करता है।

**कथन II:** एफ.एस.एस.ए.आई. अधिसूचित प्रयोगशालाओं के एक नेटवर्क के माध्यम से खाद्य परीक्षण करता है और एक उपभोक्ता भी भोजन के नमूने को ऐसी प्रयोगशालाओं में ले कर इसका परीक्षण करवा सकता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

68634081993. 1  
68634081994. 2  
68634081995. 3  
68634081996. 4

**Question Number : 100 Question Id : 68634020755 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

LIST I		LIST II	
A.	Linear momentum	I.	Kilogram-meters <sup>2</sup> / second
B.	Moment of Inertia	II.	Kilogram-meters <sup>2</sup>
C.	Angular momentum	III.	Newtons
D.	Force	IV.	Kilogram-meter/second

Choose the correct answer from the options given below:

1. A-IV, B-I, C-II, D-III
2. A-I, B-II, C-IV, D-III
3. A-III, B-IV, C-II, D-I
4. A-IV, B-II, C-I, D-III

**Options :**

68634081997. 1  
68634081998. 2  
68634081999. 3  
68634082000. 4

**Question Number : 100 Question Id : 68634020755 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

सूची I का सूची II से मिलान कीजिए

सूची I		सूची II	
A.	रेखिक संवेग	I.	किलोग्राम-मीटर <sup>2</sup> /सेकंड
B.	जडत्व आघूर्ण	II.	किलोग्राम-मीटर <sup>2</sup>
C.	कोणीय संवेग	III.	न्यूटन
D.	बल	IV.	किलोग्राम-मीटर/सेकंड

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-IV, B-I, C-II, D-III

2. A-I, B-II, C-IV, D-III

3. A-III, B-IV, C-II, D-I

4. A-IV, B-II, C-I, D-III

**Options :**

68634081997. 1

68634081998. 2

68634081999. 3

68634082000. 4