

National Testing Agency

Question Paper Name :	Medical Laboratory Technology Eng 05th June 2023 Shift 1
Subject Name :	Medical Laboratory Technology Eng
Creation Date :	2023-06-05 16:59:15
Duration :	120
Total Marks :	400
Display Marks:	Yes

Medical Laboratory Technology

Group Number :	1
Group Id :	68634046
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 :	68634091
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 :	686340136
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Id : 6863404546 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

During my visit to Cuttack I participated in the birthday celebration of the late Justice Harihar Mahapatra, I went there at the invitation of Justice Ranganath Mishra. For me, it was a revelation, how the independence movement, the first vision for the nation, had created the larger-than-life figure of Justice Harihar Mahapatra. He lived to the age of ninety-two and established Cuttack Eye Hospital, Utkal University and above all organized multi-pronged efforts to remove poverty. My biography in Oriya was released. At the end of my speech the youngsters crowding around put forth many questions.

The first question was, 'Sir, tell us which are your favourite books, that you loved and which have shaped your mind?'

I said, 'Four books in my life have been very close to my heart. I cherish reading them. The first is Man the Unknown by Dr Alexis Carrel, a doctor turned-philosopher and a Nobel laureate. This book highlights how the mind and body both have to be treated in an ailment as the two are integrated. You cannot treat one and ignore the other. In Particular, children who dream of becoming doctors should read the book. They will learn that the human body a mechanical system it is a very intelligent one with a most intricate and sensitive feedback system. The second book, one I venerate, is Tiruvalluvar's Thirukkural, which provides an excellent code of life. The third Light from Many Lamps by Lillian Eichler Watson which has touched me deeply. It illuminates how we live and has been an invaluable guide to me for fifty years. And the Holy Quran is, of course, a constant companion.'

Sub questions

Question Number : 1 Question Id : 6863404547 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 best option from the given alternative the book 'Man the unknown' highlights that the mind and the body are to be equally treated in an ailment as they are integrated. Replace the underlined word from a suitable synonym given below.

1. Collaborated
2. Removed
3. Disintegrated
4. Separated

Options :

- 68634018001. 1
- 68634018002. 2
- 68634018003. 3
- 68634018004. 4

Question Number : 2 Question Id : 6863404548 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 best option from the given alternative. The author participated in the birthday celebration of _____ .

1. Justice Ranganath Mishra
2. Dr Alexis Carrel
3. Justice Harihar Mahapatra
4. Lillian Eichler Watson

Options :

- 68634018005. 1
- 68634018006. 2
- 68634018007. 3
- 68634018008. 4

Question Number : 3 Question Id : 6863404549 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 best option from the given alternatives the book _____ had a deep impact on the author.

1. Thirukkural
2. The Holy Quran
3. Light from many lamps
4. Man the unknown

Options :

- 68634018009. 1
- 68634018010. 2
- 68634018011. 3
- 68634018012. 4

Question Number : 4 Question Id : 6863404550 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

Find a word from the passage that is an antonym to the word 'Conceal'

1. Ailment
2. Illuminate
3. Revelation
4. Sensitive

Options :

- 68634018013. 1
- 68634018014. 2

68634018015. 3

68634018016. 4

Question Number : 5 Question Id : 6863404551 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

Find a word from the passage that means "very complicated,"

1. Highlight
2. Multi-pronged
3. Invaluable
4. Intricate

Options :

68634018017. 1

68634018018. 2

68634018019. 3

68634018020. 4

Question Id : 6863404546 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

During my visit to Cuttack I participated in the birthday celebration of the late Justice Harihar Mahapatra, I went there at the invitation of justice Ranganath Mishra. For me, it was a revelation, how the independence movement, the first vision for the nation, had created the larger-than-life figure of Justice Harihar Mahapatra. He lived to the age of ninety-two and established Cuttack Eye Hospital, Utkal University and above all organized multi-pronged efforts to remove poverty. My biography in Oriya was released. At the end of my speech the youngsters crowding around put forth many questions.

The first question was, 'Sir, tell us which are your favourite books, that you loved and which have shaped your mind?'

I said, 'Four books in my life have been very close to my heart. I cherish reading them. The first is Man the Unknown by Dr Alexis Carrel, a doctor turned-philosopher and a Nobel laureate. This book highlights how the mind and body both have to be treated in an ailment as the two are integrated. You cannot treat one and ignore the other. In Particular, children who dream of becoming doctors should read the book. They will learn that the human body a mechanical system it is a very intelligent one with a most intricate and sensitive feedback system. The second book, one I venerate, is Tiruvalluvar's Thirukkural, which provides an excellent code of life. The third Light from Many Lamps by Lillian Eichler Watson which has touched me deeply. It illuminates how we live and has been an invaluable guide to me for fifty years. And the Holy Quran is, of course, a constant companion.'

Sub questions

Question Number : 1 Question Id : 6863404547 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 best option from the given alternative the book 'Man the unknown' highlights that the mind and the body are to be equally treated in a ailment as they are integrated. Replace the underlined word from a suitable synonym given below.

1. Collaborated
2. Removed
3. Disintegrated
4. Separated

Options :

- 68634018001. 1
- 68634018002. 2
- 68634018003. 3
- 68634018004. 4

Question Number : 2 Question Id : 6863404548 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 best option from the given alternative. The author participated in the birthday celebration of _____ .

1. Justice Ranganath Mishra
2. Dr Alexis Carrel
3. Justice Harihar Mahapatra
4. Lillian Eichler Watson

Options :

- 68634018005. 1
- 68634018006. 2
- 68634018007. 3
- 68634018008. 4

Question Number : 3 Question Id : 6863404549 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 best option from the given alternatives the book _____ had a deep impact on the author.

1. Thirukkural
2. The Holy Quran
3. Light from many lamps
4. Man the unknown

Options :

68634018009. 1
68634018010. 2
68634018011. 3
68634018012. 4

Question Number : 4 Question Id : 6863404550 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

Find a word from the passage that is an antonym to the word 'Conceal'

1. Ailment
2. Illuminate
3. Revelation
4. Sensitive

Options :

68634018013. 1
68634018014. 2
68634018015. 3
68634018016. 4

Question Number : 5 Question Id : 6863404551 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

Find a word from the passage that means "very complicated,"

1. Highlight
2. Multi-pronged
3. Invaluable
4. Intricate

Options :

68634018017. 1
68634018018. 2
68634018019. 3
68634018020. 4

Sub-Section Number :	2
Sub-Section Id :	686340137
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 6 Question Id : 6863404552 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 Fill the blanks in List I with suitable prepositional phrases from List II

LIST I		LIST II	
A.	I doubt if she got the job _____	I.	At the very least
B.	They should give me my money back or _____ offer to exchange the shoes	II.	On balance
C.	I thought i understood it, but _____ I realized it was more complicated	III.	On merit
D.	I would say that, _____, the best thing is to do nothing for the moment	IV.	On reflection

Choose the most appropriate answer from the options given below:

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

Options :

68634018021. 1
68634018022. 2
68634018023. 3
68634018024. 4

Question Number : 6 Question Id : 6863404552 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 Fill the blanks in List I with suitable prepositional phrases from List II

LIST I		LIST II	
A.	I doubt if she got the job _____	I.	At the very least
B.	They should give me my money back or _____ offer to exchange the shoes	II.	On balance
C.	I thought i understood it, but _____ I realized it was more complicated	III.	On merit
D.	I would say that, _____, the best thing is to do nothing for the moment	IV.	On reflection

Choose the most appropriate answer from the options given below:

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

Options :

68634018021. 1
68634018022. 2
68634018023. 3
68634018024. 4

Question Number : 7 Question Id : 6863404553 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

Accepting something unpleasant when one can not avoid of os: _____ .

1. Take a Bull by the horn
2. In the blues
3. Black and white
4. Bite the bullet

Options :

- 68634018025. 1
- 68634018026. 2
- 68634018027. 3
- 68634018028. 4

Question Number : 7 Question Id : 6863404553 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

Accepting something unpleasant when one can not avoid of os: _____ .

1. Take a Bull by the horn
2. In the blues
3. Black and white
4. Bite the bullet

Options :

- 68634018025. 1
- 68634018026. 2
- 68634018027. 3
- 68634018028. 4

Question Number : 8 Question Id : 6863404554 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. Normally, a hair allowed to grow uncut will last from two to six year
- B. These harmones supress the activity of certain follicles on the scalp so that the life span of the hair that grows from them is reduced
- C. But as boldness sets in, the hair in some of head falls out more often
- D. The overall effects is that hair in those places gets thinner and shorter until it in reduced to fuzz
- E. The exact genetic code that causes boldness and thinning still eludes researchers, but they know it is has something to do with make sex hormone called androgens

Choose the most appropriate answer from the options given below:

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

Options :

- 68634018029. 1
- 68634018030. 2
- 68634018031. 3
- 68634018032. 4

Question Number : 8 Question Id : 6863404554 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. Normally, a hair allowed to grow uncut will last from two to six year
- B. These harmones supress the activity of certain follicles on the scalp so that the life span of the hair that grows from them is reduced
- C. But as boldness sets in, the hair in some of head falls out more often
- D. The overall effects is that hair in those places gets thinner and shorter until it in reduced to fuzz
- E. The exact genetic code that causes boldness and thinning still eludes researchers, but they know it is has something to do with make sex hormone called androgens

Choose the most appropriate answer from the options given below:

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

Options :

- 68634018029. 1
- 68634018030. 2
- 68634018031. 3
- 68634018032. 4

Question Number : 9 Question Id : 6863404555 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 options below this sentence should replace it to make it grammatically correct:

My decision for buying an electric car was motivated by economical consideration.

1. My decision for buying an electric car was motivated by economic consideration
2. My decision to buy an electric car was motivated by economic consideration
3. My decision to buy an electric car was motivated by economical considerations
4. No correction

Options :

- 68634018033. 1
- 68634018034. 2
- 68634018035. 3
- 68634018036. 4

Question Number : 9 Question Id : 6863404555 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 options below this sentence should replace it to make it grammatically correct:

My decision for buying an electric car was motivated by economical consideration.

1. My decision for buying an electric car was motivated by economic consideration
2. My decision to buy an electric car was motivated by economic consideration
3. My decision to buy an electric car was motivated by economical considerations
4. No correction

Options :

- 68634018033. 1
- 68634018034. 2
- 68634018035. 3
- 68634018036. 4

Question Number : 10 Question Id : 6863404556 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 explosive for firing a bullet or a rocket is:

1. Putsch
2. Prosody
3. Propellant
4. Pulmonary

Options :

- 68634018037. 1
- 68634018038. 2
- 68634018039. 3
- 68634018040. 4

Question Number : 10 Question Id : 6863404556 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 explosive for firing a bullet or a rocket is:

1. Putsch
2. Prosody
3. Propellant
4. Pulmonary

Options :

- 68634018037. 1
- 68634018038. 2
- 68634018039. 3
- 68634018040. 4

Question Number : 11 Question Id : 6863404557 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 certain sum fetched simple interest of ₹3200 at the rate of 6.25% per annum in 4 years. What is the sum?

1. ₹13000
2. ₹12800
3. ₹12500
4. ₹12000

Options :

- 68634018041. 1
- 68634018042. 2

68634018043. 3

68634018044. 4

Question Number : 11 Question Id : 6863404557 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 certain sum fetched simple interest of ₹3200 at the rate of 6.25% per annum in 4 years. What is the sum?

1. ₹13000

2. ₹12800

3. ₹12500

4. ₹12000

Options :

68634018041. 1

68634018042. 2

68634018043. 3

68634018044. 4

Question Number : 12 Question Id : 6863404558 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 candidate who gets 20% marks fails by 10 marks. Another candidate who gets 42% marks gets 12 marks more than the minimum passing marks. Find the maximum marks of the test.

1. 50

2. 80

3. 100

4. 150

Options :

68634018045. 1

68634018046. 2

68634018047. 3

68634018048. 4

Question Number : 12 Question Id : 6863404558 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 candidate who gets 20% marks fails by 10 marks. Another candidate who gets 42% marks gets 12 marks more than the minimum passing marks. Find the maximum marks of the test.

1. 50
2. 80
3. 100
4. 150

Options :

68634018045. 1
68634018046. 2
68634018047. 3
68634018048. 4

Question Number : 13 Question Id : 6863404559 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 man increases his speed to $\frac{9}{5}$ times his usual speed, he reaches his office 24 minutes before the office time. Find the time taken by to reach his office with usual speed.

1. 50 minutes
2. 52 minutes
3. 54 minutes
4. 55 minutes

Options :

68634018049. 1
68634018050. 2
68634018051. 3
68634018052. 4

Question Number : 13 Question Id : 6863404559 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 man increases his speed to $\frac{9}{5}$ times his usual speed, he reaches his office 24 minutes before the office time. Find the time taken by to reach his office with usual speed.

1. 50 minutes
2. 52 minutes
3. 54 minutes
4. 55 minutes

Options :

68634018049. 1
68634018050. 2
68634018051. 3
68634018052. 4

Question Number : 14 Question Id : 6863404560 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 value of $\frac{43}{3} - \left(3 + \frac{1}{3 + \frac{1}{3}}\right) - \left(2 - \frac{1}{2 - \frac{1}{2}}\right)$ is

1. 9
2. 9.7
3. 7.9
4. 2.7

Options :

68634018053. 1
68634018054. 2
68634018055. 3
68634018056. 4

Question Number : 14 Question Id : 6863404560 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 value of $\frac{43}{3} - \left(3 + \frac{1}{3 + \frac{1}{3}}\right) - \left(2 - \frac{1}{2 - \frac{1}{2}}\right)$ is

1. 9
2. 9.7
3. 7.9
4. 2.7

Options :

68634018053. 1
68634018054. 2
68634018055. 3
68634018056. 4

Question Number : 15 Question Id : 6863404561 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 right circular cylinder a height 14cm is increased in a sphere of radius 8cm then volume of the cylinder (in cm^3)- (use $\pi = \frac{22}{7}$).

1. 110
2. 220
3. 4 40
4. 600

Options :

68634018057. 1
68634018058. 2
68634018059. 3
68634018060. 4

Question Number : 15 Question Id : 6863404561 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 right circular cylinder a height 14cm is increased in a sphere of radius 8cm then volume of the cylinder (in.cm³)- (use $\pi = \frac{22}{7}$).

1. 110

2. 220

3. 4 40

4. 600

Options :

68634018057. 1

68634018058. 2





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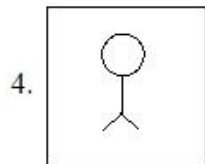
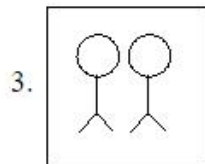
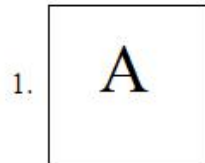
68634018060. 4

Question Number : 16 Question Id : 6863404562 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

Find out which of the answer figures (1), (2), (3) and (4) completes the figure matrix:

AAA		AA
	A	
AA		?



Options :

68634018061. 1

68634018062. 2





68634018063. 3

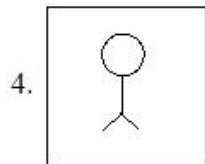
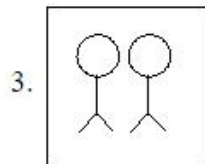
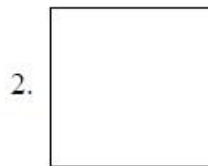
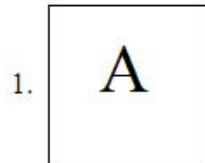
68634018064. 4

Question Number : 16 Question Id : 6863404562 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

Find out which of the answer figures (1), (2), (3) and (4) completes the figure matrix:

AAA		AA
	A	
AA		?



Options :

68634018061. 1

68634018062. 2

68634018063. 3

68634018064. 4

Question Number : 17 Question Id : 6863404563 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

Pointing to a photograph, Aman tells his friend, "she is the grand daughter of the elder brothers of my father."
"How is the girl in the photograph related to Aman?"

1. Sister
2. Maternal Aunt
3. Niece
4. Aunt

Options :

- 68634018065. 1
- 68634018066. 2
- 68634018067. 3
- 68634018068. 4

Question Number : 17 Question Id : 6863404563 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

Pointing to a photograph, Aman tells his friend, "she is the grand daughter of the elder brothers of my father."
"How is the girl in the photograph related to Aman?"

1. Sister
2. Maternal Aunt
3. Niece
4. Aunt

Options :

- 68634018065. 1
- 68634018066. 2
- 68634018067. 3
- 68634018068. 4

Question Number : 18 Question Id : 6863404564 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 should come in place of the questions mark?

11, 20, 38, 74 _____ ?

1. 146
2. 154
3. 128
4. 136

Options :

- 68634018069. 1
- 68634018070. 2
- 68634018071. 3
- 68634018072. 4

Question Number : 18 Question Id : 6863404564 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 should come in place of the questions mark?

11, 20, 38, 74 _____ ?

- 1. 146
- 2. 154
- 3. 128
- 4. 136

Options :

- 68634018069. 1
- 68634018070. 2
- 68634018071. 3
- 68634018072. 4

Question Number : 19 Question Id : 6863404565 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 giving statement is followed by three arguments. Decide which of the options is correct about the given arguments.

Statements: Should seniority be only criterion for promotion in MNC's?

Arguments

- I. Yes, otherwise seniors will feel humiliated
- II. Yes, seniors are more experienced and must be rewarded
- III. No, it would be an injustice to those juniors who are more deserving and suitable for higher position

- 1. I and II
- 2. II and III
- 3. Only III
- 4. Only I

Options :

- 68634018073. 1
- 68634018074. 2

68634018075. 3

68634018076. 4

Question Number : 19 Question Id : 6863404565 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 giving statement is followed by three arguments. Decide which of the options is correct about the given arguments.

Statements: Should seniority be only criterion for promotion in MNC's?

Arguments

- I. Yes, otherwise seniors will feel humiliated
- II. Yes, seniors are more experienced and must be rewarded
- III. No, it would be an injustice to those juniors who are more deserving and suitable for higher position

- 1. I and II
- 2. II and III
- 3. Only III
- 4. Only I

Options :

68634018073. 1

68634018074. 2

68634018075. 3

68634018076. 4

Question Number : 20 Question Id : 6863404566 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 QUALITY is coded as 8313927, then GOVERNMENT is coded as:

- 1. 7645954551
- 2. 7645954552
- 3. 7645954452
- 4. 8645954552

Options :

68634018077. 1

68634018078. 2

68634018079. 3

68634018080. 4

Question Number : 20 Question Id : 6863404566 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 QUALITY is coded as 8313927, then GOVERNMENT is coded as:

1. 7645954551
2. 7645954552
3. 7645954452
4. 8645954552

Options :

68634018077. 1
68634018078. 2
68634018079. 3
68634018080. 4

Question Number : 21 Question Id : 6863404567 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	
Name of Padma Vibhushan Awardee		Awarded in the service	
A.	Ms. Prabha Atre	I.	Public Affairs
B.	Mr Kalyan Singh	II.	Literature and Education
C.	Mr. Radheyshyam Khemka	III.	Civil Service
D.	General Bipin Rawat	IV.	Art

Choose the most appropriate answer from the options given below:

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

Options :

68634018081. 1
68634018082. 2
68634018083. 3
68634018084. 4

Question Number : 21 Question Id : 6863404567 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	
Name of Padma Vibhushan Awardee		Awarded in the service	
A.	Ms. Prabha Atre	I.	Public Affairs
B.	Mr Kalyan Singh	II.	Literature and Education
C.	Mr. Radheyshyam Khemka	III.	Civil Service
D.	General Bipin Rawat	IV.	Art

Choose the most appropriate answer from the options given below:

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

Options :

68634018081. 1
68634018082. 2
68634018083. 3
68634018084. 4

Question Number : 22 Question Id : 6863404568 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

Date of launching of satellite 'Aryabhata' is _____ .

1. 7 June, 1979
2. 19 April, 1975
3. 19 June, 1953
4. 07 April, 1981

Options :

68634018085. 1
68634018086. 2
68634018087. 3
68634018088. 4

Question Number : 22 Question Id : 6863404568 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

Date of launching of satellite 'Aryabhata' is _____ .

1. 7 June, 1979
2. 19 April, 1975
3. 19 June, 1953
4. 07 April, 1981

Options :

- 68634018085. 1
- 68634018086. 2
- 68634018087. 3
- 68634018088. 4

Question Number : 23 Question Id : 6863404569 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: Due to disease 'Pneumonia', lungs of the human body are affected.

Statement II: Lungs of human body are also affected due to disease 'Diphtheria'

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 is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

- 68634018089. 1
- 68634018090. 2
- 68634018091. 3
- 68634018092. 4

Question Number : 23 Question Id : 6863404569 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: Due to disease 'Pneumonia', lungs of the human body are affected.

Statement II: Lungs of human body are also affected due to disease 'Diphtheria'

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 is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

- 68634018089. 1
- 68634018090. 2
- 68634018091. 3
- 68634018092. 4

Question Number : 24 Question Id : 6863404570 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

Passport Sewa Diwas is celebrated on which day?

1. 12 March
2. 24 June
3. 18 May
4. 20 April

Options :

- 68634018093. 1
- 68634018094. 2
- 68634018095. 3
- 68634018096. 4

Question Number : 24 Question Id : 6863404570 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

Passport Sewa Diwas is celebrated on which day?

1. 12 March
2. 24 June
3. 18 May
4. 20 April

Options :

- 68634018093. 1
- 68634018094. 2
- 68634018095. 3
- 68634018096. 4

Question Number : 25 Question Id : 6863404571 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. The election commission of India has decided to increase the amount of security for Lok Sabha candidates from the present ₹10,000 to ₹25,000
- B. The election commission of India has decided to increase the amount of security for Vidhan Sabha candidate from the present ₹5,000 to ₹15,000
- C. As per election commission, the candidate who secure less than one-sixth of the valid votes caste lose their security deposit in an election
- D. The house of the people elects its own presiding officers, called speaker and the depty speaker

Choose the correct answer from the options given below:

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

Options :

- 68634018097. 1
- 68634018098. 2
- 68634018099. 3
- 68634018100. 4

Question Number : 25 Question Id : 6863404571 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. The election commission of India has decided to increase the amount of security for Lok Sabha candidates from the present ₹10,000 to ₹25,000
- B. The election commission of India has decided to increase the amount of security for Vidhan Sabha candidate from the present ₹5,000 to ₹15,000
- C. As per election commission, the candidate who secure less than one-sixth of the valid votes caste lose their security deposit in an election
- D. The house of the people elects its own presiding officers, called speaker and the depty speaker

Choose the correct answer from the options given below:

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

Options :

- 68634018097. 1
- 68634018098. 2
- 68634018099. 3
- 68634018100. 4

Part B: Medical Laboratory Technology

Section Id :	68634092
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	75
Number of Questions to be attempted :	75
Section Marks :	300
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	686340138
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 26 Question Id : 6863404572 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

gp120 of HIV binds to human _____

1. CD8 T cells
2. CD4 T cells
3. B cells
4. Macrophages

Options :

- 68634018101. 1
- 68634018102. 2
- 68634018103. 3
- 68634018104. 4

Question Number : 26 Question Id : 6863404572 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

एच. आई. वी. (HIV) का gp120 मानव के _____ से बंधता है।

1. CD8 T कोशिकाएँ
2. CD4 T कोशिकाएँ
3. B कोशिकाएँ
4. मैक्रोफेज (बृहद् भक्षकाणु)

Options :

- 68634018101. 1
- 68634018102. 2
- 68634018103. 3
- 68634018104. 4

Question Number : 27 Question Id : 6863404573 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

Rh Typing is based on the D-Antigen present in:

1. Leucocyte
2. Thrombocyte
3. Erythrocyte
4. Lymphocyte

Options :

- 68634018105. 1

68634018106. 2
68634018107. 3
68634018108. 4

**Question Number : 27 Question Id : 6863404573 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**

Rh प्रकार _____ पर उपस्थित डी-एंटीजन के आधार पर होता है।

1. श्वेत रूधिर कणिका (ल्यूकोसाइट)
2. बिम्बाणु (थ्रोम्बोसाइट)
3. लाल रुधिर कणिका (इरिथ्रोसाइट)
4. लसीकाणु (लिम्फोसाइट)

Options :

68634018105. 1
68634018106. 2
68634018107. 3
68634018108. 4

**Question Number : 28 Question Id : 6863404574 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**

'After glycolysis in human, pyruvate is transported into _____

1. Mitochondrion
2. Liver
3. Spleen
4. WBC

Options :

68634018109. 1
68634018110. 2
68634018111. 3
68634018112. 4

**Question Number : 28 Question Id : 6863404574 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 ग्लाइकोलाइसिस के पश्चात्, पाइरुवेट _____ में भेजा जाता है।

1. माइटोकॉन्ड्रिया
2. यकृत
3. प्लीहा
4. डब्ल्यू.बी.सी.

Options :

68634018109. 1
68634018110. 2
68634018111. 3
68634018112. 4

Question Number : 29 Question Id : 6863404575 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 Median of thevariable value 48,35,36,40,42,54,58,60,15 is

1. 49
2. 41
3. 45
4. 43

Options :

68634018113. 1
68634018114. 2
68634018115. 3
68634018116. 4

Question Number : 29 Question Id : 6863404575 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 मानों की माधिका है:

48, 35, 36, 40, 42, 54, 58, 60, 15

1. 49
2. 41
3. 45
4. 43

Options :

- 68634018113. 1
- 68634018114. 2
- 68634018115. 3
- 68634018116. 4

Question Number : 30 Question Id : 6863404576 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

Polyacrylamide, Sodium dodecyl sulphate and Acrylamide are chemicals used to _____

- 1. Count RBCs
- 2. Enumerate WBCs
- 3. Estimate the amount of Haemoglobin
- 4. Separate proteins, based on molecular weight

Options :

- 68634018117. 1
- 68634018118. 2
- 68634018119. 3
- 68634018120. 4

Question Number : 30 Question Id : 6863404576 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

पॉलीएक्रिलामाइड, सोडियम डूडीसाइल सल्फेट तथा एक्रिलामाइड रसायन _____ के लिए प्रयोग किये जाते हैं।

- 1. RBC की गणना
- 2. WBC की गणना
- 3. हीमोग्लोबिन की मात्रा का आकलन
- 4. अण्विक भार के आधार पर प्रोटीन को पृथक करना

Options :

- 68634018117. 1
- 68634018118. 2
- 68634018119. 3
- 68634018120. 4

Question Number : 31 Question Id : 6863404577 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

Quantity of Normal daily secretion of Bile Juices is _____

1. 2.6 - 3.2 litre
2. 0.5- 1 litre
3. 2.5 - 3.5 litre
4. 1.5 - 2.5 litre

Options :

- 68634018121. 1
- 68634018122. 2
- 68634018123. 3
- 68634018124. 4

Question Number : 31 Question Id : 6863404577 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

पित्त रस का सामान्य दैनिक स्त्रवण की मात्रा है -

1. 2.6 - 3.2 लीटर
2. 0.5- 1 लीटर
3. 2.5 - 3.5 लीटर
4. 1.5 - 2.5 लीटर

Options :

- 68634018121. 1
- 68634018122. 2
- 68634018123. 3
- 68634018124. 4

Question Number : 32 Question Id : 6863404578 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

About 90% of human epidermal cells are _____

1. Keratinocytes
2. Melanocytes
3. Intraepidermal macrophages
4. Tactile epithelial cells

Options :

- 68634018125. 1

68634018126. 2
68634018127. 3
68634018128. 4

**Question Number : 32 Question Id : 6863404578 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 उपकला कोशिकाओं का 90% प्रतिशत है -

1. किराटिनोसाइट
2. असिताणु (मेलेनोसाइट)
3. अंतः उपकला भक्षकाणु
4. संस्पर्शी उपकला कोशिकाएँ

Options :

68634018125. 1
68634018126. 2
68634018127. 3
68634018128. 4

**Question Number : 33 Question Id : 6863404579 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**

_____ Part of the body controls the thermal sweating:

1. SEBACEOUS
2. APOCRINE
3. ENDOCRINE
4. HYPOTHALAMUS

Options :

68634018129. 1
68634018130. 2
68634018131. 3
68634018132. 4

**Question Number : 33 Question Id : 6863404579 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**

तापीय स्वेदन को शरीर के _____ भाग द्वारा नियंत्रित किया जाता है।

1. तैल
2. अस्त्रावी
3. अतःस्त्रावी
4. हाइपोथैलेमस

Options :

68634018129. 1
68634018130. 2
68634018131. 3
68634018132. 4

Question Number : 34 Question Id : 6863404580 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 term 'icteric' implies _____

1. A condition pertaining to yellowish pigmentation due to jaundice
2. Low blood pressure
3. High percentage of neutrophils
4. Production of antibodies

Options :

68634018133. 1
68634018134. 2
68634018135. 3
68634018136. 4

Question Number : 34 Question Id : 6863404580 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

शब्द 'इक्टेरिक' में निहित है:

1. पीलिया के कारण पीले रंग से जुड़ी अवस्था
2. निम्न रुधिर चाप
3. न्यूट्रोफिल्स का ऊँचा प्रतिशत
4. (एंटीबाडीज) प्रतिरक्षी का उत्पादन

Options :

68634018133. 1

68634018134. 2
68634018135. 3
68634018136. 4

**Question Number : 35 Question Id : 6863404581 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 breast consists of a number of lobules which are made up of _____

1. Globular Epithelium
2. Peripheral Epithelium
3. Cerebelli Epithelium
4. Columnar Epithelium

Options :

68634018137. 1
68634018138. 2
68634018139. 3
68634018140. 4

**Question Number : 35 Question Id : 6863404581 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**

स्तन बहुत सारी पालिकाओं (लोब्यूल) में मिलकर बना है जो कि _____ से बनी होती है।

1. ग्लोब्यूलर (एपिथिलियम) उपकला
2. पेरीफरल (एपिथिलियम) उपकला
3. सेटेबेली (एपिथिलियम) उपकला
4. कालूम्र (एपिथिलियम) उपकला

Options :

68634018137. 1
68634018138. 2
68634018139. 3
68634018140. 4

**Question Number : 36 Question Id : 6863404582 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 value below which a given percentage of observation occur is called

1. Average
2. Percentile
3. Mean
4. Sample size

Options :

- 68634018141. 1
- 68634018142. 2
- 68634018143. 3
- 68634018144. 4

Question Number : 36 Question Id : 6863404582 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

घटित होने वाले प्रेक्षणों की दी गयी प्रतिशत से नीचे का मान कहलाता है:

1. औसत
2. शतत्मक (परसेन्टाइल)
3. माध्य
4. नमूना आकार

Options :

- 68634018141. 1
- 68634018142. 2
- 68634018143. 3
- 68634018144. 4

Question Number : 37 Question Id : 6863404583 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 numbers of bones maxillae bone, mandible bone, palate bone are in the face:

1. 1, 2, 2
2. 2, 1, 2
3. 1, 2, 3
4. 2, 1, 3

Options :

- 68634018145. 1

68634018146. 2
68634018147. 3
68634018148. 4

**Question Number : 37 Question Id : 6863404583 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**

अस्थियों की क्रमशः कितनी संख्या मैक्सिली अस्थि, मैडिबल अस्थि, पेलेट अस्थि चेहरे में होती है:

1. 1, 2, 2
2. 2, 1, 2
3. 1, 2, 3
4. 2, 1, 3

Options :

68634018145. 1
68634018146. 2
68634018147. 3
68634018148. 4

**Question Number : 38 Question Id : 6863404584 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**

Vimentin is _____

1. An inhibitor of DNA synthesis
2. Not a intermediate filament
3. Not a component of cytoskeleton
4. An intermediate filament found in cells of mesenchymal origin

Options :

68634018149. 1
68634018150. 2
68634018151. 3
68634018152. 4

**Question Number : 38 Question Id : 6863404584 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**

वाइमेन्टिन (Vimentin) _____ है।

1. डी एन ए संश्लेषण का एक रोधी
2. एक मध्यवर्ती तंतु नहीं
3. कोशिका कंकाल का एक घटक नहीं
4. मध्यात्क उद्भव के कोशिकाओं में एक मध्यवर्ती तंतु पाया जाता है

Options :

68634018149. 1
68634018150. 2
68634018151. 3
68634018152. 4

Question Number : 39 Question Id : 6863404585 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 smallest structural and functional unit of living tissue is:

1. Cell
2. Cell wall
3. Nucleus
4. Nucleolus

Options :

68634018153. 1
68634018154. 2
68634018155. 3
68634018156. 4

Question Number : 39 Question Id : 6863404585 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 जीवित ऊतक की सबसे छोटी संरचनात्मक तथा कार्य इकाई है -

1. कोशिका
2. कोशिका भित्ति
3. केन्द्रक
4. केन्द्रिका

Options :

68634018153. 1

68634018154. 2
68634018155. 3
68634018156. 4

**Question Number : 40 Question Id : 6863404586 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**

Flow cytometry can be used to _____

1. Count the number of cells
2. Multiply DNA
3. Digest DNA
4. Stain nucleus

Options :

68634018157. 1
68634018158. 2
68634018159. 3
68634018160. 4

**Question Number : 40 Question Id : 6863404586 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**

फ्लो साइट्रोमेट्री का प्रयोग _____ में किया जा सकता है।

1. कोशिकाओं की संख्या की गणना
2. डी एन ए का गुणन
3. डी एन ए पाचन
4. केन्द्रक अभिरंजन

Options :

68634018157. 1
68634018158. 2
68634018159. 3
68634018160. 4

**Question Number : 41 Question Id : 6863404587 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**

Mucus secreting columnar epithelium is called

1. Epithelial cells
2. Epithelium cells
3. Goblet cells
4. Fibroblast cells

Options :

- 68634018161. 1
- 68634018162. 2
- 68634018163. 3
- 68634018164. 4

Question Number : 41 Question Id : 6863404587 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

श्लेष्मा स्त्रवण करती स्तंभीय उपकला (म्यूकस सिक्रिटिंग) कॉलमनर एपिथिलियम) को कहते हैं:

1. एपीथीलियल कोशिका
2. एपीथिलियम कोशिका
3. ग्लोबर कोशिका
4. फाइक्रोब्लास्ट कोशिका

Options :

- 68634018161. 1
- 68634018162. 2
- 68634018163. 3
- 68634018164. 4

Question Number : 42 Question Id : 6863404588 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

Capsid is a structure found in _____

1. Virus
2. Fungi
3. Protojoa
4. Amoebae

Options :

- 68634018165. 1
- 68634018166. 2

68634018167. 3

68634018168. 4

Question Number : 42 Question Id : 6863404588 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

केप्सिड एक संरचना है जो _____ में पायी जाती है।

1. वायरस (विषाणु)
2. कवक
3. प्रोटोजोआ
4. अमीबा

Options :

68634018165. 1

68634018166. 2

68634018167. 3

68634018168. 4

Question Number : 43 Question Id : 6863404589 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 types of muscles are there in Human body:

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

Options :

68634018169. 1

68634018170. 2

68634018171. 3

68634018172. 4

Question Number : 43 Question Id : 6863404589 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 शरीर में कितने प्रकार की माँसपेशियाँ पायी जाती है:

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

Options :

- 68634018169. 1
- 68634018170. 2
- 68634018171. 3
- 68634018172. 4

Question Number : 44 Question Id : 6863404590 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

Nucleoid is a structure that lacks _____

1. Nuclear membrane
2. Hereditary material
3. Genetic material
4. DNA

Options :

- 68634018173. 1
- 68634018174. 2
- 68634018175. 3
- 68634018176. 4

Question Number : 44 Question Id : 6863404590 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

केन्द्रकाय एक संरचना है जो _____ को बन्द कर देता है।

1. केन्द्रकीय झिल्ली
2. हेरिडीटरी (आनुवांशिक) पदार्थ
3. जेनेटिक (आनुवांशिक) पदार्थ
4. डी. एन. ए.

Options :

- 68634018173. 1

68634018174. 2
68634018175. 3
68634018176. 4

**Question Number : 45 Question Id : 6863404591 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 Red Cell content of the normal spleen is less than _____% of the total Red Cell volume:

- 1. 5%
- 2. 3%
- 3. 4%
- 4. 7%

Options :

68634018177. 1
68634018178. 2
68634018179. 3
68634018180. 4

**Question Number : 45 Question Id : 6863404591 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**

सामान्य प्लीहा में लाल रक्त कणिका की मात्रा कुल रक्त कणिका के आयतन _____% कम है।

- 1. 5%
- 2. 3%
- 3. 4%
- 4. 7%

Options :

68634018177. 1
68634018178. 2
68634018179. 3
68634018180. 4

**Question Number : 46 Question Id : 6863404592 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**

Mitochondria has an outer and an inner membrane. The inner membrane is folded into sheaf-like ridge called _____

1. Lysosome
2. Cristae
3. Endoplasmic reticulum
4. Nucleus

Options :

- 68634018181. 1
- 68634018182. 2
- 68634018183. 3
- 68634018184. 4

Question Number : 46 Question Id : 6863404592 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

माइटोकोन्ड्रिया में एक आंतरिक तथा एक बाह्य झिल्ली होती है। आंतरिक झिल्ली के शीफ-जैसे उभारों को _____ कहते हैं।

1. लाइसोसोम
2. क्रिस्टी
3. एन्डोप्लाज़मिक रेटीकुलम (अन्तःद्रव्यी नालिका)
4. केन्द्रक

Options :

- 68634018181. 1
- 68634018182. 2
- 68634018183. 3
- 68634018184. 4

Question Number : 47 Question Id : 6863404593 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

Direct Coomb's test is used to detect the auto antibodies on the surface of:

1. WBC
2. RBC
3. Platlate
4. Cell wall

Options :

68634018185. 1
68634018186. 2
68634018187. 3
68634018188. 4

**Question Number : 47 Question Id : 6863404593 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**

प्रत्यक्ष कूम्ब परीक्षण का प्रयोग _____ की सतह पर स्वप्रतिरक्षियों को पहचानने के लिए किया जाता है।

1. डब्ल्यू. बी. सी
2. आर. बी. सी
3. बिम्बाणु (प्लेटलेट)
4. कोशिकाय भित्ति

Options :

68634018185. 1
68634018186. 2
68634018187. 3
68634018188. 4

**Question Number : 48 Question Id : 6863404594 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**

Sigma factor helps the RNA polymerase to have _____

1. Improved specificity for promoter
2. Inhibitory activity for synthesis of DNA
3. Nuclease activity
4. Helicase activity

Options :

68634018189. 1
68634018190. 2
68634018191. 3
68634018192. 4

**Question Number : 48 Question Id : 6863404594 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**

सिग्मा कारक आर.एन.ए. पॉलिमरेज को _____ होने/करवाने में सहायक है।

1. प्रमोटर के लिए बेहतर विशिष्टता
2. डी.एन.ए. संश्लेषण के लिए संदमन गतिविधि
3. न्यूक्लियोज गतिविधि
4. हेलीकज़ गतिविधि

Options :

- 68634018189. 1
- 68634018190. 2
- 68634018191. 3
- 68634018192. 4

Question Number : 49 Question Id : 6863404595 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 colour index indicates that the Red cells are bigger in size:

1. More than 1.00
2. Below 0.85
3. More than 1.15
4. Below 0.55

Options :

- 68634018193. 1
- 68634018194. 2
- 68634018195. 3
- 68634018196. 4

Question Number : 49 Question Id : 6863404595 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

रंग सूची का कौनसा मान यह इंगित करता है कि लाल कोशिकाएँ आकार में बड़ी हैं -

1. 1.00 से अधिक
2. 0.85 से कम
3. 1.15 से अधिक
4. 0.55 से कम

Options :

- 68634018193. 1

68634018194. 2
68634018195. 3
68634018196. 4

**Question Number : 50 Question Id : 6863404596 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**

Golgi apparatus carries out _____

1. Degradation of amino acids
2. Replication of RNA
3. Synthesis of carbohydrates, complex proteins
4. Generation of ATP

Options :

68634018197. 1
68634018198. 2
68634018199. 3
68634018200. 4

**Question Number : 50 Question Id : 6863404596 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**

गॉल्जी उपकरण करता है:

1. अमीनो अम्ल का निम्नीकरण
2. आर.एन.ए. की प्रतिकृति
3. कार्बोहाइड्रेट, जटिल प्रोटीन का संश्लेषण
4. ATP का उत्पादन

Options :

68634018197. 1
68634018198. 2
68634018199. 3
68634018200. 4

**Question Number : 51 Question Id : 6863404597 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**

Main sources of energy to body is:

1. Fat
2. Lipid
3. Protein
4. Carbohydrate

Options :

- 68634018201. 1
- 68634018202. 2
- 68634018203. 3
- 68634018204. 4

Question Number : 51 Question Id : 6863404597 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 लिए ऊर्जा का मुख्य स्रोत है:

1. वसा
2. लिपिड
3. प्रोटीन
4. कार्बोहाइड्रेट

Options :

- 68634018201. 1
- 68634018202. 2
- 68634018203. 3
- 68634018204. 4

Question Number : 52 Question Id : 6863404598 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 commonly used fixative in histopathology is _____

1. Formalin
2. Ethidium bromide
3. Crystal violet
4. Iodine

Options :

- 68634018205. 1

68634018206. 2
68634018207. 3
68634018208. 4

**Question Number : 52 Question Id : 6863404598 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**

उत्तक रोग विज्ञान में सामान्यता प्रयोग किए जाने वाला स्थायीकर (फिक्सेटिव) है:

1. फार्मेलीन
2. इथिडीयम ब्रोमाइड
3. क्रिस्टल वायलेट
4. आयोडीन

Options :

68634018205. 1
68634018206. 2
68634018207. 3
68634018208. 4

**Question Number : 53 Question Id : 6863404599 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**

Amino Acid has melting point of about:

1. 200°- 300° C
2. 150°- 200° C
3. 50°- 100° C
4. 250°- 300° C

Options :

68634018209. 1
68634018210. 2
68634018211. 3
68634018212. 4

**Question Number : 53 Question Id : 6863404599 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**

अमीनो अम्ल का गलन बिन्दु लगभग होता है:

1. 200°- 300° C
2. 150°- 200° C
3. 50°- 100° C
4. 250°- 300° C

Options :

68634018209. 1
68634018210. 2
68634018211. 3
68634018212. 4

Question Number : 54 Question Id : 6863404600 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

SARS-CoV-2 can carry out its binding to host cell using _____

1. DNA binding protein
2. Vitamin
3. Mitochondria
4. Angiotensin Converting Enzyme-2 (ACE-2) receptor

Options :

68634018213. 1
68634018214. 2
68634018215. 3
68634018216. 4

Question Number : 54 Question Id : 6863404600 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

SARS-CoV-2 _____ का प्रयोग करके पोषी कोशिका से बंध पाता है।

1. डी.एन.ए. बाध्य प्रोटीन
2. विटामिन
3. माइटोकॉन्ड्रिया
4. एन्जियोटेन्सिन बदलावकर्ता एन्जाइम-2 (ACE-2) ग्राही

Options :

68634018213. 1
68634018214. 2
68634018215. 3
68634018216. 4

**Question Number : 55 Question Id : 6863404601 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**

Mineral used for synthesis of thyroid hormone is:

1. Potassium
2. Iron
3. Iodine
4. Sodium

Options :

68634018217. 1
68634018218. 2
68634018219. 3
68634018220. 4

**Question Number : 55 Question Id : 6863404601 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**

थायॅराइड हार्मोन संश्लेषण के लिए प्रयुक्त होने वाला खनिज है:

1. पोटेशियम
2. आयरन
3. आयोडीन
4. सोडियम

Options :

68634018217. 1
68634018218. 2
68634018219. 3
68634018220. 4

**Question Number : 56 Question Id : 6863404602 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**

Cytokines include the molecules _____

1. Interleukins
2. RNA
3. DNA
4. Antibodies

Options :

68634018221. 1
68634018222. 2
68634018223. 3
68634018224. 4

Question Number : 56 Question Id : 6863404602 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

साइटोकाइन में _____ अणु सम्मिलित है।

1. इन्टर ल्यूकिन्स
2. आर. एन. ए.
3. डी. एन. ए.
4. एंटीबाडीज प्रतिरक्षी

Options :

68634018221. 1
68634018222. 2
68634018223. 3
68634018224. 4

Question Number : 57 Question Id : 6863404603 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 1882, *Bacillus* of which disease was discovered by Robert Koch:

1. Tuberculosis
2. Cholera
3. Vibrio
4. HIV

Options :

68634018225. 1
68634018226. 2

68634018227. 3

68634018228. 4

Question Number : 57 Question Id : 6863404603 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

1882 में, रॉबर्ट कोच द्वारा किस रोग के बैसीलस की खोज हुई

1. तपेदिक (टी.बी)
2. हैजा (कॉलेरा)
3. विब्रिओ
4. एच.आई.वी

Options :

68634018225. 1

68634018226. 2

68634018227. 3

68634018228. 4

Question Number : 58 Question Id : 6863404604 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

Antigen presenting cells include _____

1. B cell only
2. Macrophages and dendritic cells
3. RBCs
4. T lymphocytes

Options :

68634018229. 1

68634018230. 2

68634018231. 3

68634018232. 4

Question Number : 58 Question Id : 6863404604 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

एंटीजन प्रकट करती कोशिकाओं में सम्मिलित है:

1. B कोशिका केवल
2. वृहद भक्षकाणु और द्रुमाकृतिक (डेन्डाइटिक) कोशिका
3. आर. बी. सी.
4. T लसीकाणु

Options :

68634018229. 1
68634018230. 2
68634018231. 3
68634018232. 4

Question Number : 59 Question Id : 6863404605 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

Slope culture is known as:

1. Roll tube culture
2. Slant culture
3. Deep culture
4. Stab culture

Options :

68634018233. 1
68634018234. 2
68634018235. 3
68634018236. 4

Question Number : 59 Question Id : 6863404605 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

स्लोप संवर्धन को इस नाम से भी जाना जाता है:

1. रोल ट्यूब संवर्धन
2. स्लेंट संवर्धन
3. गहन संवर्धन
4. स्टेब संवर्धन

Options :

68634018233. 1

68634018234. 2
68634018235. 3
68634018236. 4

**Question Number : 60 Question Id : 6863404606 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 bacterium Shigella is _____

1. A circular bacterium
2. Gram positive
3. Not infectious and has a nucleus
4. Gram negative and facultative anaerobe

Options :

68634018237. 1
68634018238. 2
68634018239. 3
68634018240. 4

**Question Number : 60 Question Id : 6863404606 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**

जीवाणु शाइजेल्ला है:

1. एक गोलाकार जीवाणु
2. ग्राम धनात्मक
3. संक्रामक नहीं तथा एक केन्द्रक है
4. ग्राम ऋणात्मक तथा विकल्पी अवायवीय

Options :

68634018237. 1
68634018238. 2
68634018239. 3
68634018240. 4

**Question Number : 61 Question Id : 6863404607 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**

Immunity which is transferred from one generation to another generation is:

1. Passive Immunity
2. Active Immunity
3. Natural Immunity
4. Acquired Immunity

Options :

68634018241. 1
68634018242. 2
68634018243. 3
68634018244. 4

Question Number : 61 Question Id : 6863404607 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 प्रतिरक्षा जो एक पीढ़ी से दूसरी पीढ़ी में हस्तांतरित की गयी हो, है:

1. निष्क्रिय प्रतिरक्षा
2. सक्रिय प्रतिरक्षा
3. प्राकृतिक प्रतिरक्षा
4. अर्जित प्रतिरक्षा

Options :

68634018241. 1
68634018242. 2
68634018243. 3
68634018244. 4

Question Number : 62 Question Id : 6863404608 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

Widal test is used to detect the infection by bacterium called _____

1. *Proteus*
2. *Salmonella*
3. *Clostridium*
4. *Staphylococcus*

Options :

68634018245. 1

68634018246. 2
68634018247. 3
68634018248. 4

**Question Number : 62 Question Id : 6863404608 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**

विडाल परीक्षण का प्रयोग इस जीवाणु द्वारा किए गए संक्रमण की पहचान के लिए किया जाता है:

1. प्रोटियस
2. सालमोनेला
3. क्लासट्रिडियम
4. स्टाफ्यलोकोकस

Options :

68634018245. 1
68634018246. 2
68634018247. 3
68634018248. 4

**Question Number : 63 Question Id : 6863404609 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**

Frozen section is used to demonstrate _____ Inclusion:

1. Lipid
2. Glucogen
3. Pigments
4. Secretory granules

Options :

68634018249. 1
68634018250. 2
68634018251. 3
68634018252. 4

**Question Number : 63 Question Id : 6863404609 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**

जमा हुआ अनुच्छेद (काट) का प्रयोग _____ समावेश को प्रदर्शित करने के लिए किया जाता है।

1. लिपिड
2. ग्लूकोजन
3. वर्ण
4. स्रवणकारी (ग्रेन्यूलस कण)

Options :

68634018249. 1
68634018250. 2
68634018251. 3
68634018252. 4

Question Number : 64 Question Id : 6863404610 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

Icosahedral capsid is a term associated with _____

1. Bacteria
2. Virus
3. Fungi
4. Protozoa

Options :

68634018253. 1
68634018254. 2
68634018255. 3
68634018256. 4

Question Number : 64 Question Id : 6863404610 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 शब्द "आइकोसाहेड्रल कैप्सिड" से जुड़ा हुआ है:

1. जीवाणु
2. वायरस
3. कवक
4. प्रोटोजोआ

Options :

68634018253. 1

68634018254. 2
68634018255. 3
68634018256. 4

**Question Number : 65 Question Id : 6863404611 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**

Fixative used for the fixation of Embryo is:

1. Zenker's fluid
2. Hellu's fluid
3. Bovin's fluid
4. Gender's fluid

Options :

68634018257. 1
68634018258. 2
68634018259. 3
68634018260. 4

**Question Number : 65 Question Id : 6863404611 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**

भ्रूण के स्थायीकरण के लिए कौनसा स्थायीकर का प्रयोग किया जाता है?

1. जेंकर तरल
2. हेलु तरल
3. बोविन तरल
4. जेन्डर तरल

Options :

68634018257. 1
68634018258. 2
68634018259. 3
68634018260. 4

**Question Number : 66 Question Id : 6863404612 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 is labelled as Reason R.

Assertion A: Clearing process is done after dehydration to make tissue transparent and for the embedding of tissue with paraffin.

Reason R: Xylene is a colourless most commonly used clearing reagent.

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

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

Options :

68634018261. 1
68634018262. 2
68634018263. 3
68634018264. 4

Question Number : 66 Question Id : 6863404612 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 (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A: स्वच्छन/निर्मलन प्रक्रिया सुखाने के काम उत्तम को पादर्शी बनाने के लिए तथा ऊतक के पैराफिन में अंतःस्थापित (एम्बेड) के लिए की जाती है।

कारण R: जाइलीन रंगहीन है, तथा अधिकतम प्रयुक्त स्वच्छन अभिकर्मक है

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

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

Options :

68634018261. 1
68634018262. 2
68634018263. 3
68634018264. 4

Question Number : 67 Question Id : 6863404613 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 is labelled as Reason R.

Assertion A: Haemoglobin and Red Blood Cells are below their normal values then condition is known as Anemia.

Reason R: The anemia is common it occurs due to deficiency of iron in body, in lab finding Hb value is decreased.

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

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

Options :

- 68634018265. 1
- 68634018266. 2
- 68634018267. 3
- 68634018268. 4

Question Number : 67 Question Id : 6863404613 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 (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A: हीमोग्लोबिन तथा लाल रुधिरकणिका उसके सामान्य मान से कम होती है यह अवस्था रक्ताल्पता कहलाती है।

कारण R: रक्ताल्पता सामान्य है यह शरीर में लौह की कमी से होता है, लैब फाइंडिंग में Hb का मान घटा हुआ है।

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

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

Options :

- 68634018265. 1
- 68634018266. 2

68634018267. 3

68634018268. 4

Question Number : 68 Question Id : 6863404614 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 is labelled as Reason R.

Assertion A: LE cells appear as neutrophils containing a large spherical body in their cytoplasm.

Reason R: LE cells appear as basophils containing a large spherical body in their cytoplasm.

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

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

Options :

68634018269. 1

68634018270. 2

68634018271. 3

68634018272. 4

Question Number : 68 Question Id : 6863404614 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 (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A: LE कोशिका , न्यूट्रोफिल की तरह प्रकट होती है जिसके कोशिका द्रव्य में एक बड़ी गोलाकार आकृति है।

कारण R: LE कोशिका बेसोफिल की तरह प्रकट होती है जिसके कोशिका द्रव्य में एक बड़ी गोलाकार आकृति है।

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

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

Options :

68634018269. 1

68634018270. 2

68634018271. 3

68634018272. 4

Question Number : 69 Question Id : 6863404615 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 is labelled as Reason R.

Assertion A: The area of the Neubauer chamber is 9mm^2 and depth is 0.2 mm.

Reason R: The area of the Neubauer chamber is 9mm^2 and depth is 0.1 mm.

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

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

Options :

68634018273. 1

68634018274. 2

68634018275. 3

68634018276. 4

Question Number : 69 Question Id : 6863404615 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 (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में:

अभिकथन A: न्योबॉयर चैम्बर का क्षेत्रफल 9mm^2 तथा गहराई 0.2 mm है।

कारण R: न्योबॉयर चैम्बर का क्षेत्रफल 9mm^2 तथा गहराई 0.1 mm है।

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

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

Options :

68634018273. 1
68634018274. 2
68634018275. 3
68634018276. 4

**Question Number : 70 Question Id : 6863404616 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 is labelled as Reason R.

Assertion A: Mycobacterium can survive in macrophages of lungs of human.

Reason R: Mycobacterium can prevent the fusion of phagosome and lysosome in the macrophages of human lungs.

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

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

Options :

68634018277. 1
68634018278. 2
68634018279. 3
68634018280. 4

**Question Number : 70 Question Id : 6863404616 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 (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में:

अभिकथन A: मानव फुफ्फुस में वृहद भक्षकाणु में माइकोबैक्टीरियम जीवित रह सकता है।

कारण R: मानव फुफ्फुस में वृहद भक्षकाणु में माइकोबैक्टीरियम लाइसोसोम तथा फैगोसोम का विलय रोक सकता है।

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

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

Options :

- 68634018277. 1
- 68634018278. 2
- 68634018279. 3
- 68634018280. 4

Question Number : 71 Question Id : 6863404617 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 is labelled as Reason R.

Assertion A: *Bacillus* can form spores that aid in survival in unfavourable conditions.

Reason R: *Salmonella* has an outer membrane.

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

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

Options :

- 68634018281. 1
- 68634018282. 2
- 68634018283. 3
- 68634018284. 4

Question Number : 71 Question Id : 6863404617 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 (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A: बैसीलस स्पोर (बीजाणु) बना सकते हैं जो प्रतिकूल परिस्थितियों में जीवित रहने में सहायक हैं।

कारण R: सालमोनेला की एक बाहरी भित्ति होती है।

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

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

Options :

68634018281. 1

68634018282. 2

68634018283. 3

68634018284. 4

Question Number : 72 Question Id : 6863404618 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 is labelled as Reason R.

Assertion A: Gram positive bacteria have a prominent layer that surrounds the cells, called Peptidoglycan.

Reason R: Gram negative bacteria have outer membrane that contains lipids and proteins.

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

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

Options :

68634018285. 1

68634018286. 2

68634018287. 3

Question Number : 72 Question Id : 6863404618 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 (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A: ग्राम धनात्मक जीवाणुओं में एक प्रबल परत होती है जो कोशिका को घेरे रहती है तथा पेप्टिडोग्लायकन कहलाती है।

कारण R: ग्राम ऋणात्मक जीवाणु में एक बाहरी परत होती है जिसमें लिपिड तथा प्रोटीन होते हैं।

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

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

Options :

68634018285. 1
68634018286. 2
68634018287. 3
68634018288. 4

Question Number : 73 Question Id : 6863404619 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 correct order steps for Erythrocyte Sedimentation Rate protocol needs be determined

- A. Westergren tube is allowed to stand stationary with blood sample for 1 hour.
- B. The collected blood is taken in Westergren tube
- C. Blood sample is taken from vein in anticoagulant tube
- D. The settled RBCs are observed the level of the dark red liquid is observed in mm.

Choose the correct answer from the options given below:

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

Options :

68634018289. 1

68634018290. 2
68634018291. 3
68634018292. 4

**Question Number : 73 Question Id : 6863404619 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**

लाल रक्त कणिका के अवसादन दर प्रोटोकॉल के अनुसार सही क्रम में व्यवस्थित कीजिए:

- A. वेस्टरग्रेन नली का रक्त नमूना 1 घंटा स्थिर होने के लिए रखा जाता है।
- B. संग्रहित रक्त को वेस्टरग्रेन नली में लिया जाता है।
- C. एक एंटी कोएग्यूलेन्ट नली में शिरा से रक्त का नमूना लिया जाता है।
- D. अवसादित आर.बी.सी. का प्रेक्षण किया जाता है, गहरे लाल तरल का स्तर mm में प्रेक्षण किया जाता है।

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

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

Options :

68634018289. 1
68634018290. 2
68634018291. 3
68634018292. 4

**Question Number : 74 Question Id : 6863404620 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 correct order of steps in Western Blotting needs to be determined.

- A. Loading of protein in the wells of polyacrylamide gel
- B. Enhancement of polymerization of gel and cross linking of Acrylamide and Polyacrylamide
- C. Transfer of protein to nitrocellulose with the help of electric current
- D. Carrying out sodium dodecyl sulphate-polyacrylamide gel electrophoresis

Choose the correct answer from the options given below:

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

Options :

68634018293. 1

68634018294. 2
68634018295. 3
68634018296. 4

**Question Number : 74 Question Id : 6863404620 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**

वेस्टर्न ब्लॉटिंग के चरणों को सही क्रम में व्यवस्थित कीजिए:

- A. पाली एक्राइलमाइड जेल के वेल में प्रोटीन का भारण (लोडिंग)
- B. जेल के बहुलकीकरण को बेहतर करना तथा एक्राइल एमाइड तथा पॉली एक्राइल एमाइड में क्रॉस जोड़
- C. प्रोटीन का नाइट्रोसेल्यूलोज में हस्तांतरण, धारा प्रवाह की सहायता से
- D. सोडियम डूडेसाइल सल्फेट पॉलीएक्राइल एमाइड जेल इलेक्ट्रोफोरेसिस का वहन करना

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

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

Options :

68634018293. 1
68634018294. 2
68634018295. 3
68634018296. 4

**Question Number : 75 Question Id : 6863404621 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 the citric acid cycle, a number of reactions are involved. The correct order needs to be determined

- A. Conversion of fumarate to malate
- B. Production of α -ketoglutarate from Isocitrate
- C. Production of Oxaloacetate from Malate
- D. Synthesis of Isocitrate from Citrate

Choose the correct answer from the options given below:

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

Options :

68634018297. 1
68634018298. 2
68634018299. 3
68634018300. 4

**Question Number : 75 Question Id : 6863404621 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**

साइट्रिक अम्ल चक्र में, कई अभिक्रियाएँ सम्मिलित हैं, इन्हें घटित होने के सही क्रम में व्यवस्थित कीजिए:

- A. फ्यूमरेट का मेलेट में बदलना
- B. माइसोसाइट्रेट से α -कीटोग्लूटेरेट का उत्पादन
- C. मेलेट से आक्सेलोएसीटेट का उत्पादन
- D. सिट्रेट से आइसोसिट्रेट का संश्लेषण

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

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

Options :

68634018297. 1
68634018298. 2
68634018299. 3
68634018300. 4

**Question Number : 76 Question Id : 6863404622 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 steps for cloning of gene need to be arranged proper order

- A. Restriction digestion of gene and the plasmid
- B. Identification of gene and amplification of gene by polymerase chain reaction
- C. Ligation of digested gene with digested plasmid
- D. Preparation of competent cells and transformation of cells with ligated DNA
- E. Confirmation of cloning by PCR with the products of ligation.

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

Options :

68634018301. 1
68634018302. 2
68634018303. 3
68634018304. 4

**Question Number : 76 Question Id : 6863404622 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**

जीन क्लोनिंग के चरणों को सही क्रम में व्यवस्थित कीजिए:

- A. जीन तथा प्लाज़्मिड का प्रतिबंधित पाचन
- B. जीन की पहचान तथा पॉलिमरेज शृंखला अभिक्रिया से जीन का प्रवर्धन
- C. पाचित प्लाज़्मिड के साथ पाचित जीन का जुड़ना
- D. सक्षम कोशिका की तैयारी तथा जुड़े हुए डी.एन.ए. के साथ कोशिका रूपांतरण
- E. पी.सी.आर. के द्वारा लाइगेशन (जुड़ने) के उत्पादों द्वारा क्लोनिंग की पुष्टि

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

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

Options :

68634018301. 1
68634018302. 2
68634018303. 3
68634018304. 4

**Question Number : 77 Question Id : 6863404623 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 correct sequence of coagulation?

- A. Formation of "Fibrin Plug" or the Final Clot
- B. Activation of the coagulation cascade
- C. Formation of temporary "Platelet Plug"
- D. Constriction of the blood vessel

Choose the correct answer from the options given below:

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

Options :

- 68634018305. 1
- 68634018306. 2
- 68634018307. 3
- 68634018308. 4

Question Number : 77 Question Id : 6863404623 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

स्कंदन का सही क्रम क्या है?

- A. "फाइब्रिन प्लग" या अंतिम थक्का बनना
- B. स्कंदन सोपान का सक्रियकरण
- C. "बिम्बाणु प्लग" का अस्थायी निर्माण
- D. रुधिर वाहिका का निर्माण

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

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

Options :

- 68634018305. 1
- 68634018306. 2
- 68634018307. 3
- 68634018308. 4

Question Number : 78 Question Id : 6863404624 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

Following steps are taken for the tissue processing in histopathological lab:

- A. Clearing
- B. Dehydration
- C. Infiltration & Impregnation
- D. Fixation

Choose the correct answer from the options given below:

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

Options :

- 68634018309. 1
- 68634018310. 2
- 68634018311. 3
- 68634018312. 4

Question Number : 78 Question Id : 6863404624 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

ऊतकरोगजनक प्रयोगशाला में ऊतक प्रक्रिया के लिए निम्न चरण किये जाते हैं, व्यवस्थित कीजिए:

- A. निर्मलन
- B. निर्जलीकरण
- C. अंतः स्पंदन तथा संसेचितिकरण
- D. स्थिरीकरण

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

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

Options :

- 68634018309. 1
- 68634018310. 2
- 68634018311. 3
- 68634018312. 4

Question Number : 79 Question Id : 6863404625 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 parts of human lymphatic system from up to down in correct order :

- A. Tonsils
- B. Adenoids
- C. Thymus
- D. Spleen
- E. Pelvic lymph nodes

Choose the correct answer from the options given below:

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

Options :

- 68634018313. 1
- 68634018314. 2
- 68634018315. 3
- 68634018316. 4

Question Number : 79 Question Id : 6863404625 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 लसीका के भागों को ऊपर से नीचे के क्रम में व्यवस्थित कीजिए:

- A. टॉसिल
- B. एडेनायडस
- C. थायमस
- D. प्लीहा
- E. पेल्विक लसीका ग्रंथी

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

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

Options :

- 68634018313. 1
- 68634018314. 2
- 68634018315. 3

68634018316. 4

Question Number : 80 Question Id : 6863404626 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: Lipase belongs to the enzyme class lyases.

Statement II: GGT enzyme level becomes very high in the case of obstruction jaundice.

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 is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

- 68634018317. 1
- 68634018318. 2
- 68634018319. 3
- 68634018320. 4

Question Number : 80 Question Id : 6863404626 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: लाइपेज एंजाइम के लाइएस वर्ग से सम्बन्धित है।

कथन II: GGT एंजाइम आबस्ट्रक्टिव जाडिस (अवरोधी पीलिया) में बहुत ज्यादा हो जाता 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 :

- 68634018317. 1
- 68634018318. 2
- 68634018319. 3

68634018320. 4

Question Number : 81 Question Id : 6863404627 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: In friedewald equation for calculating VLD2-VLDL mg/dl= $TG/5$

Statement II: In friedewald equation for calculating VLD2-VLDL mg/dl= $TG/3$

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 is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

- 68634018321. 1
- 68634018322. 2
- 68634018323. 3
- 68634018324. 4

Question Number : 81 Question Id : 6863404627 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: फ्रॉयडवेल्ड समीकरण में VLD2 की गणना के लिए VLDL mg/dl= $TG/5$

कथन II: फ्रॉयडवेल्ड समीकरण में VLD2 की गणना के लिए VLDL mg/dl= $TG/3$

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 :

- 68634018321. 1
- 68634018322. 2
- 68634018323. 3
- 68634018324. 4

Question Number : 82 Question Id : 6863404628 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: Acid phosphatase estimation is done in the disease related to Thyroid.

Statement II: Cerebrospinal fluid samples are collected by physician.

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 is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

- 68634018325. 1
- 68634018326. 2
- 68634018327. 3
- 68634018328. 4

Question Number : 82 Question Id : 6863404628 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: अम्ल फॉस्फेटेस आकलन थायॅराइड से सम्बंधित रोग में किया जाता है।

कथन II: सेरेब्रोस्पाइनल तरल नमूने चिकित्सक द्वारा एकत्रित किये जाते 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 :

- 68634018325. 1
- 68634018326. 2
- 68634018327. 3
- 68634018328. 4

Question Number : 83 Question Id : 6863404629 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 Heart is inferior to the clavicle.

Statement II: Cardiac output is heart rate multiplied by stroke volume.

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 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 :

- 68634018329. 1
- 68634018330. 2
- 68634018331. 3
- 68634018332. 4

Question Number : 83 Question Id : 6863404629 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: हृदय क्लेविकल से नीचे स्थित होता है।

कथन II: कार्डिएक आउटपुट, हृदयगति गुणा स्ट्रोक आयतन 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 :

- 68634018329. 1
- 68634018330. 2
- 68634018331. 3
- 68634018332. 4

Question Number : 84 Question Id : 6863404630 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: *Streptococcus pneumoniae* causes pneumonia

Statement II: *Salmonella* is a Gram negative bacterial pathogen.

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 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 :

- 68634018333. 1
- 68634018334. 2
- 68634018335. 3
- 68634018336. 4

Question Number : 84 Question Id : 6863404630 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: स्ट्रेप्टोकोकस न्यूमोनिया से निमोनिया होता है।

कथन II: सालमोनेला एक ग्राम ऋणात्मक जीवाणु रोग जनक 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 :

- 68634018333. 1
- 68634018334. 2
- 68634018335. 3
- 68634018336. 4

Question Number : 85 Question Id : 6863404631 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: Alpha ketoglutarate is produced by the action of Isocitrate dehydrogenase.

Statement II: Phosphofructokinase is an enzyme that aids in the occurrence of glycolysis.

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 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 :

- 68634018337. 1
- 68634018338. 2
- 68634018339. 3
- 68634018340. 4

Question Number : 85 Question Id : 6863404631 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: एल्फा-कीटोग्लूटरेट आइसोसाइट्रेट डीहाइड्रोजनेस की क्रिया द्वारा उत्पादित होता है।

कथन II: फास्फोफ्रक्टोकाइनेज एक एंजाइम है जो ग्लाइकोलाइसिस के घटित होने में सहायता करता 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 :

- 68634018337. 1
- 68634018338. 2
- 68634018339. 3
- 68634018340. 4

Question Number : 86 Question Id : 6863404632 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: Collagen is a fibrous protein.

Statement II: Hydroxyprolyl and hydroxylysyl residues are never seen in collagen.

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 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 :

68634018341. 1
68634018342. 2
68634018343. 3
68634018344. 4

Question Number : 86 Question Id : 6863404632 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: कोलेजन एक तंतुमय प्रोटीन है।

कथन II: हाइड्रोक्सीप्रोलाइल तथा हाइड्रोक्सीलाइसिल अवशिष्ट कोलेजन में कभी नहीं देखे जाते 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 :

68634018341. 1
68634018342. 2

68634018343. 3

68634018344. 4

Question Number : 87 Question Id : 6863404633 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

Read the following statement:

- A. There is Antigen -A on the surface of RBC of a person the blood group is -A
- B. In Azoospermia no dead or alive sperm seen
- C. If there is antigen-A on RBC of a person then his serum contain Anti-A Antibody
- D. Cells formed in the liver are called to be exhibiting myeloid stage

Choose the correct answer from the options given below:

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

Options :

68634018345. 1

68634018346. 2

68634018347. 3

68634018348. 4

Question Number : 87 Question Id : 6863404633 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 कथनों को ध्यानपूर्वक पढ़िए:

- A. यदि किसी व्यक्ति के आर.बी.सी. की सतर पर प्रतिजन (एंटीजन) A उपस्थित है तो उसका रक्त समूह A है
- B. एज्यूसर्मिया कोई मृत या जीवित शुक्राणु नहीं दिखता
- C. यदि किसी व्यक्ति के आर.बी.सी. पर एंटीजन A है तो उसके सीरम में प्रति-A प्रतिरक्षी (एंटी A एंटी बाडी) निहित होगी
- D. यकृत में बनी हुई कोशिकाएँ मायलायड अवस्था दर्शाती है

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

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

Options :

68634018345. 1
68634018346. 2
68634018347. 3
68634018348. 4

**Question Number : 88 Question Id : 6863404634 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**

Read the following statements:

- A. Platelets contain low concentration of 7 HT
- B. Melanin is the pigment of skin hair and eye
- C. The largest amount of serotonin is synthesized in the intestinal cells
- D. Serotonin is regarded as a happiness hormone

Choose the correct answer from the options given below:

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

Options :

68634018349. 1
68634018350. 2
68634018351. 3
68634018352. 4

**Question Number : 88 Question Id : 6863404634 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 कथनों को ध्यानपूर्वक पढ़िए:

- A. बिम्बाणुओं (प्लेटलेट्स) में 7 HT की निम्न सांद्रता होती है
- B. मेलैनिन त्वचा, बाल व आँखों का वर्णक (पिगमेन्ट) है
- C. सेरेटोनिन की सबसे अधिक मात्रा आंतों की कोशिकाओं में संश्लेषित होती है
- D. सेरेटोनिन को खुशी का हार्मोन भी कहा जाता है

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

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

Options :

- 68634018349. 1
- 68634018350. 2
- 68634018351. 3
- 68634018352. 4

Question Number : 89 Question Id : 6863404635 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

Read the following statement:

- A. Fallopian tubes are also called oviduct
- B. The other name of Skeletal muscles tissue is Involuntary muscles
- C. Eggs released by Graffian follicle reaches to oviduct
- D. Cranium is formed by 7 bones.

Choose the correct answer from the options given below:

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

Options :

- 68634018353. 1
- 68634018354. 2
- 68634018355. 3
- 68634018356. 4

Question Number : 89 Question Id : 6863404635 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 दिए गए कथनों को ध्यानपूर्वक पढ़िए:

- A. फैलोपियन नलिका को अंडवाहिनी नलिका भी कहते हैं
- B. कंकालीय माँसपेशीय ऊतक का दूसरा नाम अनैच्छिक माँसपेशी है
- C. ग्राफियन पुटिका द्वारा मोचित किया गया अंडाणु (ओवीडक्ट) अंड वाहिनी नलिका में पहुँचती है
- D. क्रेनियम 7 अस्थियों से मिलकर बना होता है

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

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

Options :

- 68634018353. 1
- 68634018354. 2
- 68634018355. 3
- 68634018356. 4

Question Number : 90 Question Id : 6863404636 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

Read the following statement:

- A. Iron is stored in tissues in the form of ferritin
- B. Iron is stored in the tissues in the form of Haemoglobin
- C. Aggregates of ferritin form Haemosiderin
- D. Iron is not required for proper oxygen uptake by the body

Choose the correct answer from the options given below:

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

Options :

- 68634018357. 1
- 68634018358. 2
- 68634018359. 3
- 68634018360. 4

Question Number : 90 Question Id : 6863404636 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 कथनों को पढ़िए:

- A. लौह (आयरन) उत्तकों में फेरिटेन के रूप में संग्रहित होता है
- B. लौह (आयरन) उत्तकों में हेमोग्लोबिन के रूप में संग्रहित होता है
- C. फेरिटिन के पुंज हेमोसिडेरिन बनाते है
- D. शरीर द्वारा ऑक्सीजन ग्रहण करने के लिए आयरन की आवश्यकता नहीं होती

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

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

Options :

- 68634018357. 1
- 68634018358. 2
- 68634018359. 3
- 68634018360. 4

Question Number : 91 Question Id : 6863404637 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 growth of bacteria, which of the following statements are correct?

- A. Bacteria exhibit lack of increase in number during lag phase
- B. Bacteria multiply rapidly in exponential phase
- C. Bacteria do not divide by binary fussion
- D. Bacteria are not prokaryotes and they have gametes

Choose the correct answer from the options given below:

- 1. A only
- 2. B only
- 3. A And B only
- 4. C only

Options :

- 68634018361. 1
- 68634018362. 2
- 68634018363. 3
- 68634018364. 4

Question Number : 91 Question Id : 6863404637 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

बैक्टीरिया (जीवाणु) की वृद्धि के दौरान, निम्न में से कौन-सा कथन सही है?

- A. बैक्टीरिया पश्च प्रावस्था के दौरान संख्या में वृद्धि में कमी प्रदर्शित करते हैं
- B. बैक्टीरिया चरघातांक अवस्था में तीव्रता से गुणा करते हैं
- C. बैक्टीरिया द्विखंडन (बाइनरी फिशन) द्वारा विभाजित नहीं होते हैं
- D. बैक्टीरिया (जीवाणु) प्रोकैरियोट नहीं है तथा उनके पास युग्मक है

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

- 1. केवल A
- 2. केवल B
- 3. केवल A और B
- 4. केवल C

Options :

- 68634018361. 1
- 68634018362. 2
- 68634018363. 3
- 68634018364. 4

Question Number : 92 Question Id : 6863404638 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 statements that correctly describe bilirubin are _____

- A. Bilirubin is the normal non-iron containing pigment present in the file
- B. It is derived from the porphyrine ring of the haem moiety of haemoglobin
- C. Excess of bilirubin cannot cause jaundice
- D. Excess of bilirubin cannot be seen in hepatocytes

Choose the correct answer from the options given below:

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

Options :

- 68634018365. 1
- 68634018366. 2
- 68634018367. 3
- 68634018368. 4

Question Number : 92 Question Id : 6863404638 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

उन कथनों का चयन कीजिए जो बिलिरूबिन की सही व्यख्या करते हैं -

- A. बिलिरूबिन एक सामान्य आयरन रहित वर्णक है जो चित्र में उपस्थित है
- B. यह हीम समूह के पोरफायरिन रिंग से निर्मित किया गया है
- C. बिलिरूबिन की अधिकता से पीलिया नहीं होता
- D. बिलिरूबिन की अधिकता यकृत कोशिकाओं में नहीं देखी जा सकती

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

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

Options :

- 68634018365. 1
- 68634018366. 2
- 68634018367. 3
- 68634018368. 4

Question Number : 93 Question Id : 6863404639 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 Chi- Square test is associated with which of the following?

- A. It is used to test for independence between 2 variables
- B. It is used to test for homogeneity or similarity
- C. It aids in testing the goodness of fit between an observed and expected distribution
- D. It is calculated utilizing the hypothetical frequencies and actual counts of individuals lacking or having a particular attribute.

Choose the correct answer from the options given below:

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

Options :

- 68634018369. 1
- 68634018370. 2

68634018371. 3

68634018372. 4

Question Number : 93 Question Id : 6863404639 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

'कार्ड-वर्ग परीक्षण' निम्न में से किससे संबंधित है?

- A. यह दो चरों के मध्य निरपेक्षता के लिए प्रयोग किया जाने वाला परीक्षण है
- B. यह समरूपता या समानता जानने के लिए प्रयोग किया जाने वाला परीक्षण है
- C. यह प्रेक्षित तथा अनुमानित वितरण में समंजन-सुष्ठुता (गुडनेस ऑफ फिट) के परीक्षण में सहायक है
- D. इसकी गणना, प्रकल्पना आवृत्तियों करके तथा व्यक्तियों की वास्तविक गणना जिनमें एक विशिष्ट गुण उपस्थित या अनुपस्थित हो, का प्रयोग करके की जाती है

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

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

Options :

68634018369. 1

68634018370. 2

68634018371. 3

68634018372. 4

Question Number : 94 Question Id : 6863404640 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.	CD44	I.	They have alpha and beta (CD18) subunits, they have a role to play in cell-ECM interaction.
B.	Selectins	II.	They are calcium dependent adhesion molecules
C.	Integrins	III.	They bind to hyaluronic acid, they are expressed on leukocytes
D.	Cadherins	IV.	They contain lectin or lectin like protein molecules

Choose the correct answer from the options given below:

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

Options :

68634018373. 1
68634018374. 2
68634018375. 3
68634018376. 4

**Question Number : 94 Question Id : 6863404640 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.	CD44	I.	इनकेपास एल्फा तथा बीटा (CD18) उपइकाई है, कोशिका ECM परस्पर क्रिया में इनकी भूमिका है
B.	सलेक्टिन	II.	यह कैल्सियम निर्भर आसंजन अणु है
C.	इन्टेग्रिन	III.	यह हायलुरोनिक अम्ल से सम्बन्ध रखते हैं, यह श्वेतरूधिर कणिका पर प्रदर्शित होते हैं
D.	केढेरिन	IV.	उनमें लेक्टिन या लेक्टिन जैसे प्रोटीन अणु हैं

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

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

Options :

68634018373. 1
68634018374. 2
68634018375. 3
68634018376. 4

**Question Number : 95 Question Id : 6863404641 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.	Anterior Pituitary Gland	I.	Adreno corticotropic hormone
B.	Pancreas	II.	Tri-iodothyronine
C.	Thyroid gland	III.	Melatonin
D.	Pineal gland	IV.	Insulin

Choose the correct answer from the options given below:

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

Options :

68634018377. 1
68634018378. 2
68634018379. 3
68634018380. 4

Question Number : 95 Question Id : 6863404641 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.	अग्रिम पीयूष ग्रंथि	I.	एड्रीनो कोर्टिकोट्रोपिक हार्मोन
B.	अग्नाशय	II.	ट्राई-आयोडोथायरोनीन
C.	थायरायड ग्रंथि	III.	मैलाटोनिन
D.	पीनीयल ग्रंथि	IV.	इन्सूलिन

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

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

Options :

68634018377. 1
68634018378. 2
68634018379. 3
68634018380. 4

Question Number : 96 Question Id : 6863404642 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 (Phase)		LIST II (Events)	
A.	G1	I.	Mitosis occurs with prophase metaphase, anaphase and telophase
B.	S	II.	It is regulated by Cyclin E
C.	G2	III.	It is a short gap phase, the correctness of DNA synthesis is checked
D.	M	IV.	Synthesis of DNA takes place

Choose the correct answer from the options given below:

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

Options :

68634018381. 1
68634018382. 2
68634018383. 3
68634018384. 4

Question Number : 96 Question Id : 6863404642 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.	G1	I.	समसूत्री विभाजन, प्रोफेज, मेटाफेज, एनाफेज तथा टेलोफेज के साथ धारित होता है
B.	S	II.	यह साइक्लिन E द्वारा नियंत्रित होता है
C.	G2	III.	यह एक छोटी अंतराल अवस्था है, डी.एन.ए. संश्लेषण की सटीकता जाँची जाती है
D.	M	IV.	डी.एन.ए. का संश्लेषण होता है

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

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

Options :

- 68634018381. 1
- 68634018382. 2
- 68634018383. 3
- 68634018384. 4

Question Number : 97 Question Id : 6863404643 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 (Microbe)		LIST II (Associated structure)	
A.	<i>Leishmania donovani</i>	I.	Trophozoite and Cyst
B.	<i>Entamoeba histolytica</i>	II.	Hyphae
C.	<i>Aspergillus</i>	III.	Promastigote and Amastigote
D.	Bacterium	IV.	Peptidoglycan and nucleoid

Choose the correct answer from the options given below:

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

Options :

- 68634018385. 1
- 68634018386. 2
- 68634018387. 3
- 68634018388. 4

Question Number : 97 Question Id : 6863404643 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.	लीशमैनिया डोनोवेनाई	I.	ट्रोफोजोइट तथा सिस्ट (पुटी)
B.	एंटांमीबा हिस्टोलिटिका	II.	हाइफा (कवकतंतु)
C.	एस्पेरजिलस	III.	प्रोमेस्टीगोट तथा एमेस्टीगोट
D.	बैक्टीरियम (जीवाणु)	IV.	पैप्टिडोग्लायकन तथा केंद्रीका

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

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

Options :

68634018385. 1
68634018386. 2
68634018387. 3
68634018388. 4

Question Number : 98 Question Id : 6863404644 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.	I	I.	Prothrombin
B.	II	II.	Fibrinogen
C.	III	III.	Ca ⁺²
D.	IV	IV.	Tissues factor

Choose the correct answer from the options given below:

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

Options :

68634018389. 1
68634018390. 2
68634018391. 3
68634018392. 4

Question Number : 98 Question Id : 6863404644 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.	I	I.	प्रोथोम्बिन
B.	II	II.	फिब्रिनोजन
C.	III	III.	Ca ⁺²
D.	IV	IV.	ऊतक कारक

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

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

Options :

68634018389. 1
68634018390. 2
68634018391. 3
68634018392. 4

Question Number : 99 Question Id : 6863404645 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 (Name of bones)		LIST II (No. of bones)	
A.	Cervical Spine	I.	12
B.	Thoracic Spine	II.	5
C.	Lumbar Spine	III.	4
D.	Coccyx	IV.	7

Choose the correct answer from the options given below:

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

Options :

68634018393. 1
68634018394. 2
68634018395. 3

Question Number : 99 Question Id : 6863404645 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	
अस्थियों के नाम		अस्थियों की संख्या	
A.	सर्विकल स्पाइन	I.	12
B.	थोरेसिक स्पाइन	II.	5
C.	ल्युम्बर स्पाइन	III.	4
D.	कोकक्स	IV.	7

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

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

Options :

68634018393. 1
68634018394. 2
68634018395. 3
68634018396. 4

Question Number : 100 Question Id : 6863404646 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 (Molecule)		LIST II (Content)	
A.	Proteins	I.	Leucine
B.	RNA	II.	Polymers
C.	Polysaccharide	III.	Amino acid
D.	Pulses	IV.	Nucleic acid

Choose the correct answer from the options given below:

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

Options :

68634018397. 1
68634018398. 2
68634018399. 3
68634018400. 4

Question Number : 100 Question Id : 6863404646 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.	प्रोटीन	I.	ल्यूसीन
B.	आर.एन.ए	II.	बहुलक
C.	पॉलिसैकराइड (शर्करा)	III.	अमीनो अम्ल
D.	दाते	IV.	न्यूक्लिक अम्ल

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

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

Options :

68634018397. 1
68634018398. 2
68634018399. 3
68634018400. 4