

National Testing Agency

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History of Indian Science and Technology

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History of Indian Science and Technology-1

Section Id :	603489170
Section Number :	1
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Number of Questions :	50
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Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	603489307
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 6034898369 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: The ecliptic is divided into 27 Nakshatras

Statement II: A Sidereal month is close to 27 days

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

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

Options :

- 60348931435. 1
- 60348931436. 2
- 60348931437. 3
- 60348931438. 4

Question Number : 2 Question Id : 6034898370 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: Delhi's famous Iron Pillar is made through 'Moulding' metallurgical technique

Statement II: Iron Beams used in Konark Temple were made through 'Forge Welding' Metallurgical technique

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

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

Options :

60348931439. 1

60348931440. 2

60348931441. 3

60348931442. 4

Question Number : 3 Question Id : 6034898371 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Ganitakaumudi	I. Bhaskaracharya
B. Lilavati	II. Aryabhatta
C. Brahmasphuta Siddhanta	III. Narayan Pandita
D. Aryabhatiya	IV. Brahmagupta

Choose the **correct** answer from the options given below:

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

Options :

60348931443. 1

60348931444. 2

60348931445. 3

60348931446. 4

Question Number : 4 Question Id : 6034898372 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: *Aryabhata* discusses the approximate value of π

Statement II: *Aryabhata* also gives two corrections to planetary longitudes

In 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 :

60348931447. 1

60348931448. 2

60348931449. 3

60348931450. 4

Question Number : 5 Question Id : 6034898373 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Father of Medicine	I. Susruta
B. Father of Surgery	II. Ophthalmology
C. First teacher of internal medicine in Ayurveda	III. Sage Bhardwaj
D. Nimi Tantra	IV. Atreya

Choose the **correct** answer from the options given below:

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

Options :

60348931451. 1

60348931452. 2

60348931453. 3

60348931454. 4

Question Number : 6 Question Id : 6034898374 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

In a normal lunar year (12 lunar months), the total number of days are

1. 358
2. 354
3. 365
4. 360

Options :

60348931455. 1

60348931456. 2

60348931457. 3

60348931458. 4

Question Number : 7 Question Id : 6034898375 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: Important features of the old *Saurasiddhanta* are discussed in the *Sidhantashiromani*

Statement II: Important features of the old *Saurasiddhanta* are discussed in the *Pancasiddhantika*

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

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

Options :

60348931459. 1

60348931460. 2

60348931461. 3

60348931462. 4

Question Number : 8 Question Id : 6034898376 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: Naturopathy is the recently included system of medicine, as part of other Indian systems of medicine

Statement II: Sowa- Rigpa is the recently included system of medicine, as part of other Indian systems of medicine

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

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

Options :

- 60348931463. 1
- 60348931464. 2
- 60348931465. 3
- 60348931466. 4

Question Number : 9 Question Id : 6034898377 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Al-Khwarizmi was:

- 1. An Arab astronomer
- 2. An algorithmic procedure developed by Arab mathematicians
- 3. A Persian mathematician who was greatly influenced by Indian mathematics
- 4. A Persian mathematician who had a great influence on Indian mathematics

Options :

- 60348931467. 1
- 60348931468. 2
- 60348931469. 3
- 60348931470. 4

Question Number : 10 Question Id : 6034898378 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The ancient Indian text which makes the earliest reference to quenching of Iron is the

- 1. Samyukta Nikaya
- 2. Yajurveda
- 3. Abhidhamma Pitak
- 4. Mahabharat

Options :

- 60348931471. 1
- 60348931472. 2

60348931473. 3

60348931474. 4

Question Number : 11 Question Id : 6034898379 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The concept of tridosha in Ayurveda is from the darshana of

1. Charvaka
2. Yoga
3. Sankhya
4. Uttar Mimamansa

Options :

60348931475. 1

60348931476. 2

60348931477. 3

60348931478. 4

Question Number : 12 Question Id : 6034898380 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is/are correct?

- A. Jantar Mantar observatories combined in their concept, Indian and Chinese astronomies
- B. Jantar Mantar observatories combined in their concept, Indian and Mesopotamian astronomies
- C. Jantar Mantar observatories combined in their concept, Indian and Arabic astronomies
- D. Jantar Mantar observatories combined in their concept, Indian and European astronomies

Choose the **correct** answer from the options given below:

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

Options :

60348931479. 1

60348931480. 2

60348931481. 3

60348931482. 4

Question Number : 13 Question Id : 6034898381 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: Khotanese, an eastern Iranian language acknowledges, Ayurveda as an influential system of medicine

Statement II: Balochi language texts also mentions Ayurveda as an influential system of medicine

In 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 :

60348931483. 1

60348931484. 2

60348931485. 3

60348931486. 4

Question Number : 14 Question Id : 6034898382 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: The famous scholar, Dhanvantari wrote Chikitsa Kaumudi

Statement II: He also wrote Dhanvantari Shastra

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

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

Options :

60348931487. 1

60348931488. 2

60348931489. 3

60348931490. 4

Question Number : 15 Question Id : 6034898383 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Vata, Pitta and Kapha are called the

1. Trirasa
2. Tridhatu
3. Tridosha
4. Triguna

Options :

60348931491. 1

60348931492. 2

60348931493. 3

60348931494. 4

Question Number : 16 Question Id : 6034898384 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: The Grand Anicut is a water-diverting system

Statement II: The Grant Anicut was built across Krishna River

In 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 :

60348931495. 1

60348931496. 2

60348931497. 3

60348931498. 4

Question Number : 17 Question Id : 6034898385 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is/are correct?

- A. The concept of Anu (atom-like) was propounded in *Sankhya Darshana*
- B. The concept of Anu (atom like) was propounded in *Vaisesika Darshana*
- C. The concept of *tridosha* in Ayurveda is from the Darshana of *Sankhya*
- D. The concept of *tridosha* in Ayurveda is from the Darshana of *Uttar Mimamansa*

Choose the **correct** answer from the options given below:

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

Options :

- 60348931499. 1
- 60348931500. 2
- 60348931501. 3
- 60348931502. 4

Question Number : 18 Question Id : 6034898386 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The psychological aspect of Vata is reflected in

- 1. Anger
- 2. Depression
- 3. Ambition
- 4. Creativity

Options :

- 60348931503. 1
- 60348931504. 2
- 60348931505. 3
- 60348931506. 4

Question Number : 19 Question Id : 6034898387 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: Al-Biruni explained why Indian Science had receded far from the reach of Islamic invaders

Statement II: He complained that India's savants were reluctant to share their knowledge

In 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 :

- 60348931507. 1
- 60348931508. 2
- 60348931509. 3
- 60348931510. 4

Question Number : 20 Question Id : 6034898388 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0

The concept of '*adhikamāsa*' (intercalary month) finds mention first in

1. Vedic literature
2. *Vedāṅga Jyotiṣa*
3. *Āryabhaṭīy*
4. *Mahābhāskarīya*

Options :

- 60348931511. 1
- 60348931512. 2

60348931513. 3

60348931514. 4

Question Number : 21 Question Id : 6034898389 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The earliest evidence of iron ploughshare was recovered from archeological excation at

1. Jakhera
2. Malhar
3. Dadupur
4. Atranjikhhera

Options :

60348931515. 1

60348931516. 2

60348931517. 3

60348931518. 4

Question Number : 22 Question Id : 6034898390 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Earliest evidence of artificial irrigation is reported from

1. Inamgaon
2. Lahuradeva
3. Kalibangan
4. Dholavira

Options :

60348931519. 1

60348931520. 2

60348931521. 3

60348931522. 4

Question Number : 23 Question Id : 6034898391 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The term Neolithic Revolution was first coined by

1. Gordan Childe
2. Marvin Harris
3. Lewis Binford
4. David Webster

Options :

60348931523. 1

60348931524. 2

60348931525. 3

60348931526. 4

Question Number : 24 Question Id : 6034898392 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: The common Harappan Well was built with rectangular bricks

Statement II: The common Harappan Well was built with trapezoid bricks

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

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

Options :

60348931527. 1

60348931528. 2

60348931529. 3

60348931530. 4

Question Number : 25 Question Id : 6034898393 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

On someday, at some instant, the longitudes of the Moon and Sun are 275^0 and 18^0 , respectively. Then, the current *tithi* is

1. *Kṛṣṇa saptami*
2. *Kṛṣṇa navami*
3. *Śukla caturthi*
4. *Śukla pañcami*

Options :

60348931531. 1

60348931532. 2

60348931533. 3

60348931534. 4

Question Number : 26 Question Id : 6034898394 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is/are true?

- A. Numerals on Ashoka's edicts do not follow a decimal notation
- B. Arabic numerals originate from India
- C. Arabic numerals were passed on to Europe in the medieval period
- D. Arabic numerals have been traced to the Indus seals

Choose the **correct** answer from the options given below:

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

Options :

60348931535. 1

60348931536. 2

60348931537. 3

60348931538. 4

Question Number : 27 Question Id : 6034898395 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: There are eight specialities in Ayurveda

Statement II: Ayurveda as a rationale and scientific medicine was ushered in by Atreya

In 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 :

60348931539. 1

60348931540. 2

60348931541. 3

60348931542. 4

Question Number : 28 Question Id : 6034898396 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The etymology of the English word "cipher" is:

1. A Greek word, *ciphers*, which means "secret code"
2. An Arabic word, *sifr*, which means "emptiness"
3. A Sanskrit word, *shiprā*, which means "emptiness"
4. None of the above

Options :

60348931543. 1

60348931544. 2

60348931545. 3

60348931546. 4

Question Number : 29 Question Id : 6034898397 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Consider the duration of the daytime (Sunrise to Sunset) in *muhūrtas*. According to *Vedāṅga Jyotiṣa*, the ratio between the daytime on the day of the winter solstice (shortest day) and the day of the summer solstice (longest day) is

1. 16:18

2. 15: 18

3. 12:18

4. 12:15

Options :

60348931547. 1

60348931548. 2

60348931549. 3

60348931550. 4

Question Number : 30 Question Id : 6034898398 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is/are correct?

- A. Dholavira's water management system were huge reservoirs
- B. Dholavira's water management system was interconnected reservoirs
- C. Dholavira's water management system was dammed across nearby seasonal streams
- D. Dholavira's water management system was canal irrigation

Choose the **correct** answer from the options given below:

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

Options :

- 60348931551. 1
- 60348931552. 2
- 60348931553. 3
- 60348931554. 4

Question Number : 31 Question Id : 6034898399 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

In the Indian planetary model, Nilakantha Somyaji provided for the first time, the correct procedure for

- 1. Equation of centre for the exterior planets (eg. Mars, Jupiter and Saturn)
- 2. Equation of centre for the interior planets (eg. Mercury, Venus)
- 3. Equation of centre for all planets
- 4. Latitude of the Moon

Options :

- 60348931555. 1
- 60348931556. 2
- 60348931557. 3
- 60348931558. 4

Question Number : 32 Question Id : 6034898400 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0

Which of the following is/are correct are about village ponds in the earlier times?

- A. They were particularly effective as they were regularly de-silted
- B. They were interconnected
- C. They were maintained by the local community
- D. They were privately owned

Choose the **correct** answer from the options given below:

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

Options :

- 60348931559. 1
- 60348931560. 2
- 60348931561. 3
- 60348931562. 4

Question Number : 33 Question Id : 6034898401 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0

Ayurveda encompasses which of the following?

- A. Physiological, psychological, and domain of consciousness
- B. Physical, psychological, biochemical and domain of consciousness
- C. Physical, psychological and domain of consciousness
- D. Physical, biochemical and domain of consciousness

Choose the **correct** answer from the options given below:

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

Options :

60348931563. 1

60348931564. 2

60348931565. 3

60348931566. 4

Question Number : 34 Question Id : 6034898402 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

King Bhoj of Dhar wrote a treatise on iron metallurgy called

- 1. Lauha Pradeepa
- 2. Khadga Lakshnam
- 3. Yuktikalpataru
- 4. Loharnava

Options :

60348931567. 1

60348931568. 2

60348931569. 3

60348931570. 4

Question Number : 35 Question Id : 6034898403 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: *Atreya* was the disciple of *Bharadwaja*

Statement II: *Atreya* was the first teacher of internal medicine in Ayurveda

In 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 :

60348931571. 1

60348931572. 2

60348931573. 3

60348931574. 4

Question Number : 36 Question Id : 6034898404 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Rasaratnakara	I. Vagbhata
B. Rasaratnasamuccaya	II. Bhaskara
C. Phalakayantra	III. Aryabhat
D. Aryabhatia	IV. Nagarjuna

Choose the **correct** answer from the options given below:

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

Options :

60348931575. 1

60348931576. 2

60348931577. 3

60348931578. 4

Question Number : 37 Question Id : 6034898405 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

As per Indian astronomical texts, the maximum latitude of the Moon is

1. 270 min

2. 300 min

3. 240 min

4. 330 min

Options :

60348931579. 1

60348931580. 2

60348931581. 3

60348931582. 4

Question Number : 38 Question Id : 6034898406 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is/are correct?

- A. India's zero was adopted by the Greeks
- B. China also borrowed India's concept of the zero
- C. India's zero was relayed to Europe by the Arabs
- D. India's concept of zero is found in inscriptions in Southeast Asia

Choose the **correct** answer from the options given below:

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

Options :

60348931583. 1

60348931584. 2

60348931585. 3

60348931586. 4

Question Number : 39 Question Id : 6034898407 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is/are correct regarding the Parallax effect? It is important for

- A. Lunar eclipses only
- B. Solar eclipses only
- C. Both types of eclipses
- D. Locations on the earth

Choose the **correct** answer from the options given below:

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

Options :

- 60348931587. 1
- 60348931588. 2
- 60348931589. 3
- 60348931590. 4

Question Number : 40 Question Id : 6034898408 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: Modern diet and nutrition follows a holistic approach

Statement II: Modern diet and nutrition follows a reductionistic approach

In 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 :

- 60348931591. 1
- 60348931592. 2
- 60348931593. 3
- 60348931594. 4

Question Number : 41 Question Id : 6034898409 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Vata imbalances cause

- A. Anger
- B. Greed
- C. Envy
- D. Instability

Choose the **correct** answer from the options given below:

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

Options :

- 60348931595. 1
- 60348931596. 2
- 60348931597. 3
- 60348931598. 4

Question Number : 42 Question Id : 6034898410 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The concept of precision nutrition in Ayurveda is based on

- 1. Prakruti
- 2. Dhatu
- 3. Rasa
- 4. Dosha

Options :

- 60348931599. 1
- 60348931600. 2
- 60348931601. 3
- 60348931602. 4

Question Number : 43 Question Id : 6034898411 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: The *Jaiprakash Yantra* is used for measuring Altitudes and Azimuth and declination of the Sun and other objects.

Statement II: The *Jaiprakash Yantra* is used for measuring the times of the day only

In 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 :

60348931603. 1

60348931604. 2

60348931605. 3

60348931606. 4

Question Number : 44 Question Id : 6034898412 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The Phalakayantra is a/an

1. Vertical board for measuring time from the Zenith distance of the Sun
2. Vertical board for measuring time and declination of the Sun
3. Horizontal board for measuring time
4. Equatorial Sundial (paralleled to the equator) for measuring time

Options :

60348931607. 1

60348931608. 2

60348931609. 3

60348931610. 4

Question Number : 45 Question Id : 6034898413 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Given below are two statements

Statement I: The Iron Pillar at Mehrauli (Delhi) is believed to have recorded the achievements of Chandragupta-II

Statement II: The Iron Pillar at Mehrauli (Delhi) is believed to have recorded the achievements of Samudragupta

In 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 :

60348931611. 1

60348931612. 2

60348931613. 3

60348931614. 4

Question Number : 46 Question Id : 6034898414 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

At the location with latitude 15° north, at noon (when the Sun was on the Meridian) the Zenith distance was observed to be 25° , then the declination of the Sun was

1. 10° South
2. 10° North
3. 15° South
4. 25° North

Options :

60348931615. 1

60348931616. 2

60348931617. 3

60348931618. 4

Question Number : 47 Question Id : 6034898415 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following are correct?

- A. Khalsi rock edict of Ashoka mentions hospitals for humans and animals
- B. Kandahar rock also mention hospitals for humans and animals
- C. Girnar rock edict of Ashoka mentions hospitals for humans and animals
- D. Mansehra rock edict mentions hospitals for humans and animals

Choose the **correct** answer from the options given below:

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

Options :

60348931619. 1

60348931620. 2

60348931621. 3

60348931622. 4

Question Number : 48 Question Id : 6034898416 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the ethnic group/groups of India is/are associated with iron smelting?

1. Agaria and Gond
2. Gond and Toda
3. Asura and Agaria
4. Meena only

Options :

60348931623. 1

60348931624. 2

60348931625. 3

60348931626. 4

Question Number : 49 Question Id : 6034898417 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

At some instant T , the longitude of the Earth's Shadow and the Moon are 278° and 272° respectively and the longitude of the Moon is small. Assuming that the rates of motion of the Sun and Moon are $1^\circ 13'$ per day, the middle of the lunar eclipse occurs approximately at $T + t_m$, where t_m is given by

1. 15 ghatikas
2. 20 ghatikas
3. 30 ghatikas
4. 40 ghatikas

Options :

60348931627. 1

60348931628. 2

60348931629. 3

60348931630. 4

Question Number : 50 Question Id : 6034898418 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Science, Technology and Innovation Policy	I. 2003
B. Scientific Policy Resolution	II. 1958
C. Technology Policy Statement	III. 2013
D. Science and Technology Policy	IV. 1983

Choose the **correct** answer from the options given below:

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

Options :

60348931631. 1

60348931632. 2

60348931633. 3

60348931634. 4