

CLASS VII CBT DECEMBER 2025
QP & MS

ENGLISH

Q.1. What is the main purpose of the National War Memorial as described in the text?

- A. To showcase ancient architecture
- B. To honor the sacrifices of Indian soldiers**
- C. To display modern sculptures
- D. To train armed forces

Ans To honor the sacrifices of Indian soldiers

Q.2. . The Amar Jawan Jyoti at the National War Memorial symbolizes

- A. Endless government support
- B. The immortality of soldiers' spirit**
- C. India's sports achievements
- D. The financial rewards for soldiers

Ans The immortality of soldiers' spirit

Q.3. . What does the 'Veerta Chakra' (Circle of Bravery) primarily feature?

- A. Bronze murals depicting battle actions**
- B. Large gardens
- C. The names of politicians
- D. Uniformed mannequins

Ans Bronze murals depicting battle actions

Q.4 What does the passage suggest is the best way to honor the brave soldiers?

- A. Only watching movies about war
- B. Ignoring their sacrifices
- C. Periodically visiting memorials and learning about their stories**
- D. Limiting education about them

Ans Periodically visiting memorials and learning about their stories

Q.5.What role does the ‘Raksha Chakra’ (Circle of Protection) play in the memorial?

- A. Represents economic development
- B. Shows rivers and lakes
- C. Symbolizes the trees as soldiers protecting the nation**
- D. Highlights technological advancements

Ans Symbolizes the trees as soldiers protecting the nation

Q.6. What is the meaning of the prefix 'un-' as used in the word 'undaunted'?

- A. Opposed to
- B. Do again
- C. Beyond or outside
- D. Lacking or not**

Ans Lacking or not

Q7. Which word is associated with ‘brave’ by filling in the missing vowels: V_L__R?

- A. Violer
- B. Valor**
- C. Volar
- D. Valar

Ans Valor

Passage

Read this passage and answer the following question.

In a small village near the mountains, villagers noticed the river’s water level was much lower than usual during monsoon. The elders worried that the crops would suffer. Priya, a student, decided to research the cause. She found that heavy construction upstream had diverted some water from the original path. Priya met with the local council and presented her findings. The council approached the construction company, which agreed to adjust their plans to restore the river’s flow. The next year, the village fields flourished and everyone praised Priya’s initiative.

Based on the above given passage, answer question no. 8 to 10.

Q.8 . Why were the villagers concerned about the river?

- A. The water was too cold

- B. The river had changed direction
- C. The water level was low and crops might suffer
- D. There was a flood

Ans The water level was low and crops might suffer

Q.9.. What action did Priya take when she learned about the problem?

- A. Complained to her parents
- B. Ignored the issue
- C. Researched the cause and informed the council
- D. Started planting trees

Ans Researched the cause and informed the council

Q.10.. What can be inferred about Priya's character from the passage?

- A. She is passive
- B. She cares only about herself
- C. She is proactive and responsible
- D. She dislikes her village

Ans She is proactive and responsible

HINDI

1. काव्य में वर्षा ऋतु को 'अनोखी बहार' क्यों कहा गया है?

- A. क्योंकि वर्षा केवल किसानों को खुश करती है
- B. क्योंकि वर्षा में सभी जीव-जंतु सक्रिय और प्रसन्न हो जाते हैं
- C. क्योंकि वर्षा में बादल बहुत डरावने लगते हैं
- D. क्योंकि वर्षा हर साल कम होती है

Ans B. क्योंकि वर्षा में सभी जीव-जंतु सक्रिय और प्रसन्न हो जाते हैं

2. “नभ में छटा अनूठी” पंक्ति से कवि क्या संकेत देता है?

- A. आकाश में प्रदूषण है
- B. आकाश में बादलों का सुंदर फैलाव दिखाई देता है
- C. आकाश में धूप तेज है

D. आकाश बिल्कुल साफ है

Ans आकाश में बादलों का सुंदर फैलाव दिखाई देता है

3. “मेंढक लुभा रहे हैं” का सही अर्थ क्या है

- A. मेंढक बारिश रोक रहे हैं**
- B. मेंढक लोगों को डराते हैं**
- C. मेंढक अपनी ध्वनि से वातावरण को आनंदमय बना रहे हैं**
- D. . मेंढक शोर मचा रहे हैं**

Ans मेंढक अपनी ध्वनि से वातावरण को आनंदमय बना रहे हैं

4. कविता में हंसों के कतार में चलने का क्या अर्थ है?

- A. वे भोजन खोज रहे हैं**
- B. . वे रास्ता भूल गए हैं**
- C. वे अनुशासन और सुंदरता का दृश्य उत्पन्न कर रहे हैं**
- D. . वे उड़ नहीं सकते**

Ans वे अनुशासन और सुंदरता का दृश्य उत्पन्न कर रहे हैं

5. यदि “तालों में जीव जलचर अति प्रसन्न होते” लिखा है, तो कौन-सी स्थिति सबसे अधिक सही है?

- A. . बारिश ने तालाबों को भर दिया**
- B. तालाब सूख गए**
- C. जलचर पानी से डर गए**
- D. . खेत बंजर हो गए**

Ans . बारिश ने तालाबों को भर दिया

6. “खाने को चना मिले या न मिले पर अभ्यास ज़रूर करो”—यह कथन किस मूल्य को दर्शाता है?

- A. धन का महत्व**
- B. कठिन परिश्रम और अनुशासन का महत्व**
- C. . प्रतियोगिता का महत्व**
- D. प्रसिद्धि प्राप्त करना**

Ans कठिन परिश्रम और अनुशासन का महत्व

7. .“नौ कथिक नचावें तीन चोर”—इस लोककथा से कथक की कौन-सी विशेषता सामने आती है

- A. कथक केवल पुरुष नृत्य है**
- B. कथक में शक्ति और आकर्षण दोनों है**

- C. कथक बहुत कठिन है
- D. कथक केवल धीमा नृत्य है

Ans कथक में शक्ति और आकर्षण दोनों हैं

8. बिरजू महाराज को मशीनें खोलना और ठीक करना पसंद था। इससे उनकी कौन-सी विशेषता दिखाई देती है?

- A. वे गुस्सैल थे
- B. वे तकनीकी जिजासा वाले और बहुमुखी प्रतिभा के धनी थे
- C. उन्हें नृत्य पसंद नहीं था
- D. वे नौकरी नहीं करना चाहते थे

Ans वे तकनीकी जिजासा वाले और बहुमुखी प्रतिभा के धनी थे

9. “लय हमें संतुलन सिखाती है”—यदि यह सत्य है, तो किस गतिविधि में लय का सबसे सीधा उपयोग होता है?

- A. भोजन बनाना
- B. पढ़ना
- C. चित्र बनाना
- D. खेत में घास काटना जैसे उदाहरण जहाँ हाथों की गति लय से चलती है

Ans खेत में घास काटना जैसे उदाहरण जहाँ हाथों की गति लय से चलती है

10. यदि किसी बच्चे को नृत्य सीखने की इच्छा हो लेकिन परिवार ना चाहे, तो बिरजू महाराज के अनुसार क्या उचित है?

- A. बच्चे को समझाकर शौक छुड़वा देना
- B. बच्चे को किसी कला में न जाने देना
- C. बच्चे को लय और कला के साथ खेलने देना चाहिए – इससे बौद्धिक विकास होता है
- D. केवल पढ़ाई पर ध्यान देना

Ans बच्चे को लय और कला के साथ खेलने देना चाहिए – इससे बौद्धिक विकास होता है

MATHS

Case Study 1 (Q.1-Q.4)

Context:

In a school math club competition, students were given this challenge:

“Create expressions using the numbers 2, 5, and 8, and predict whether the result will be even or odd without actually calculating it.”

Ravi made the expression:

$$2+5\times 8$$

Sneha made:

$$(5 + 8)^2$$

A. Soham made:

$$2\times 5+8$$

1. Who made the expression that the result is only odd?

- A. Ravi
- B. Sneha**
- C. Soham
- D. None of these

Ans Sneha

Feedback for incorrect answers

Squares of an odd number always be an odd number.

2. How many expressions have the same parity?

- A. 0
- B. 1
- C. 2**
- D. 3

Ans 2

Feedback for incorrect answers

Ravi and Soham made the expressions having the result only even

3. If Soham writes a letter number ‘m’ in place of 2 in his expression, what will be the parity of his expression?

- A. Odd
- B. Even
- C. Can not be decided**
- D. An expression

Ans Can not be decided

Feedback for incorrect answers

In the expression $5m+8$, parity of $5m$ depends on the value of m and m is unknown. Hence parity of $5m+8$ can not be decided without the value of m .

4. Which expression has the result as an even number.

- A. $3m+4+7$
- B. $3-4m$
- C. $m-3$
- D. $10m+8$

Ans $10m+8$

Feedback for incorrect answers

Even \times variable = even number ($10 \times m =$ even)

And even +even = even ($10 \times m + 8$)

Case Study 2: (Q.5-Q.7)Context:

A magic square is a 3×3 arrangement of numbers where the sum of every row, column, and diagonal is the same.

Here's a magic square made by a student:

5. In a magic square made using the numbers 1 - 9, what should be the magic sum?

- A. 5
- B. 9
- C. 10
- D. 15

Ans 15

Feedback for incorrect answers

In a magic square, the row sums are all equal and they add up to 45, they have to be 15 each.

6. In a magic square made using the numbers 1 - 9, which numbers can not be placed in a corner position?

- A. 3 and 6
- B. 7 and 8
- C. 1 and 9
- D. 2 and 8

Ans 1 and 9

Feedback for incorrect answers

If 1 is placed in the corner position then the possible combinations using the numbers 1 to 9 without repetition are 1+6+8 and 1+5+9, but we should have 3 possible combinations for the corner number. So 1 and 9 cannot occur in any corner.

7. If we create a 3×3 magic square using the set of numbers 3 to 11 , then what will be the number of centre of magic square?

- A. 5
- B. 7**
- C. 11
- D. 14

Feedback for incorrect answers

In a 3×3 magic square using consecutive numbers, the centre number is always the middle number of the set. Here, 7 is the middle number of the set 3 to 11 . So, 7 is the centre of magic square.

8. Find the number sequence formed when the given arrangement is changed as 'FBCEADG'

0123456

0101010

0013003

0010303

Feedback for incorrect answers

Feedback: Person A will say 0 as there is no taller person before him/her.

Person B will say 0 as there is no taller person in front of him/her.

Person C will say 1 as only 1 person is taller in front of him/her

Person D will say 0 as there is no taller person in front of him/her

Person E will say 0 as 3 person are taller in front of him/her

Person F will say 0 as there is no taller person in front of him/her

Person G will say 0 as 3 person are taller in front of him/her

By arranging them as 'FBCEADG' result is 0013003

9. Solve the cryptarithm and find the values of the letters P and S.

P 2

+ P 2

S 44

- A. P=1, S=2
- B. P=2, S=4
- C. P=5, S=7
- D. P= 7, S=1

Feedback for incorrect answers

P stands for 7 only and S stands for 1 only. Hence, $72+72=144$

10. Two consecutive numbers in the Virahanka sequence are 377 and

610. What are the next two numbers in the sequence?

- A. 987, 1597
- B. 1597, 2584
- C. 233, 144
- D. 754, 1220

Feedback for incorrect answers

We know that the Virahanka sequence is a sequence in which each number is the sum of the two preceding numbers.

So, the next numbers are and

$$377 + 610 = 987$$

$$610 + 987 = 1597$$

SCIENCE

There are two trains namely A and B they are running with different speed. Train-A is travelling with a speed of 10m/s and Train-B with a speed of 90 km/h in two different directions (opposite direction).

1. Which train is moving with faster speed?

points

A. Train A

B. Train B

C. Both will cover the same distance in the same interval of time.

D. It cannot be decided by given data.

Ans Train B

2. What distance will be covered by the train A running with speed of 10m/s in 5 Minutes.

A. 2 km

B. 3 km

C. 4 km

D. 5 km

Ans B. 3 km

3. How far apart will be the two trains after 1 hour if they are moving in opposite directions?

A. 26 km

B. 126 km

C. 12.6 km

D. 100 km

Ans 126 km

4. Identify the statement which is *not* correct Simple Pendulum

A. The time period of Simple Pendulum depends on mass of the bob.

B. The time period of Simple Pendulum depends on length of pendulum

C. The time period of Simple Pendulum of a given length is constant at a place.

D. All are incorrect.

Ans A. The time period of Simple Pendulum depends on mass of the bob.

5. A vehicle moves along a straight line and covers a distance of 2 km in the first 500 m, it moves with a speed of 10 m/s and in the next 500 m, it moves with a speed of 10 m/s and in next 500 m, it moves with a speed of 5 m/s. With what speed should it move the remaining distance so that the journey is complete in 200 second ?

A. 10 m/s

B. 20 m/s

C. 25 m/s

D. 30 m/s

ans B. 20 m/s

Choose correct answers:

6. If a person is diabetic which organ is most likely to be not working properly _____

A. Heart

B. Liver

C. Small intestine

D. Pancreas

Ans D. Pancreas

7. The inner linings of an organ has small finger like projections these have important role in;

A. Crushing the food

B. Swallowing the food

C. absorption of digested food

D. Removal of the undigested food

Ans c absorption of digested food

8. Animals exhibit variations in the structure and function of alimentary canal to adopt different ways of digesting different kind of food. Birds do not have teeth which organ help them to break down the food:

A. Oesophagus

B. Stomach

C. Gizzard

D. Intestine

Ans C. Gizzard

9. If the separating muscular wall called Diaphragm is not present in the respiratory system it will affect

A. The filtration of air

B. In the production of sound

C. The process of inhalation and exhalation

D. The absorption of oxygen

Ans C. The process of inhalation and exhalation

10. Match the following:

Name of the part	Functions
(i) Nostrils	(a) Fresh air from outside enters
(ii) Nasal passages	(b) Exchange of gases occurs
(iii) Windpipe	(c) Protects lungs
(iv) Alveoli	(d) Tiny hair and mucus help to trap dust and dirt from the air we breathe
(v) Ribcage	(e) Air reaches our lungs through this part

A. (i)-(a),(ii)-(d),(iii)-(e),(iv)-(b),(v)-(c)

B. (i)-(b),(ii)-(d),(iii)-(e),(iv)-(a),(v)-(c)

C. (i)-(d),(ii)-(a),(iii)-(e),(iv)-(b),(v)-(c)

D. (i)-(a),(ii)-(e),(iii)-(c),(iv)-(b),(v)-(d)

Ans A. (i)-(a),(ii)-(d),(iii)-(e),(iv)-(b),(v)-(c)

SOCIAL SCIENCE

Q.1. Who is considered the founder of Gupta Empire?

- A. Samudragupta
- B. Chandragupta-I**
- C. Chandragupta-II
- D. Skandagupta

Ans Chandragupta-I

Q.2. Which foreign traveler visited India during the reign of Chandragupta's-II ?

- A. Ibn Batuta
- B. Al-Biruni
- C. Faxian**
- D. Megasthenes

Ans Faxian

Q.3. What was the capital of the Gupta Empire during Chandragupta's-II reign?

- A. Patliputra**
- B. Ujjain

C. Mathura

D. Kannauj

Ans Patliputra

Q.4. The period is often referred to as the Golden Age of India" mainly due to the achievements in ?

A. Trade and Commerce

B. Religion and politics

C. Art, science and literature

D. Agriculture and irrigation

Ans Art, science and literature

Q.5. Which of the following is a famous literary work of Kalidasa?

A. Arthashastra

B. Abhijyanshakuntalam

C. Manusmriti

D. Brihat Samhita

Ans Abhijyanshakuntalam

Q.6. What was Aryabhatta's major scientific contribution?

A. Discovery of zero and Earth's rotation

B. Development of Ayurveda

C. Discovery of atoms

D. Translation of Greek Texts

Ans Discovery of zero and Earth's rotation

Q.7. Which of the following best describes the religion supported by Gupta rulers?

A. Buddhuism

B. Jainism

C. Hinduism

D. Islam

Ans Hinduism

Q.8. What is Varahmihira known for?

- A. Writing epic poetry
- B. Military leadership
- C. Contributions to astronomy and astrology
- D. Establishing Nalanda University

Ans Contributions to astronomy and astrology

Q.9. Samudragupta performed which ancient Vedic ritual to legitimize his sovereign?

- A. Rajasurya yajna
- B. Ashvamedha Yajna
- C. Vajapeya yajna
- D. Agnihotra yajna

Ans Ashvamedha Yajna

Q.10. Which Gupta ruler is known as the "Napoleon of India" due to his sovereignty?

- A. Chandragupta-II
- B. Samudragupta
- C. Kumargupta
- D. Vishnugupta

Ans Samudragupta