

CLASS VIII CBT DECEMBER 2025
QP & ANSWER KEY

Note: The correct answer is highlighted in green.
ENGLISH

Read the passage and answer the MCQs / short-answer questions.

Passage:

A small village lay on the bank of a river. Every morning, villagers gathered by the river to fetch water, wash clothes and chat. One day after heavy rainfall the river swelled and carried away the small wooden jetty that the villagers used. Without the jetty the villagers found it difficult to fetch water and wash clothes. The village council decided to build a new one, stronger and with stone supports. The work took many days and many villagers helped. When it was finished, the villagers realised how much easier things became. They also understood how important the river-bank structure had been.

1. What problem did the villagers face after the rainfall?

A The river dried up.

B The wooden jetty was washed away.

C The villagers refused to help.

D The river changed its course.

Ans The wooden jetty was washed away.

Read the passage and answer the MCQs / short-answer questions.

Passage:

A small village lay on the bank of a river. Every morning, villagers gathered by the river to fetch water, wash clothes and chat. One day after heavy rainfall the river swelled and carried away the small wooden jetty that the villagers used. Without the jetty the villagers found it difficult to fetch water and wash clothes. The village council decided to build a new one, stronger and with stone supports. The work took many days and many villagers helped. When it was finished, the villagers realised how much easier things became. They also understood how important the river-bank structure had been.

2. From the passage identify a theme that relates to cooperation among people.

A. Individual success

- B. Community effort
- C. Isolation
- D. Resistance to change

Ans Community effort

3. Choose the correct antonym for the word given below – Special

- A. Cheerful
- B. Coldness
- C. Ordinary
- D. Hard

Ans Ordinary

4. Fill in the blanks -

The bouquet of roses on the table.

- A. were
- B. are
- C. be
- D. is

Ans is

5. Choose the correct passive form:

Active: They built the bridge.

- A. The bridge built them.
- B. The bridge is building.
- C. The bridge was built by them.
- D. The bridge has built them.

Ans The bridge was built by them.

6. Notice Writing MCQ

A notice must include-

Address

Date, heading, and signature

A long story

Personal opinions

Read the given extract and answer the questions that follows-

Winter came early. The cherry tree bent low with the weight of snow. Field-mice sought shelter in the roof of the cottage. The road from the valley was blocked, for several days there was no newspaper, and this made Grandfather quite grumpy. His stories began to have unhappy endings.

7. Choose the correct meaning of the word 'grumpy'

- A. Wide
- B. Cheerful
- C. Shaky
- D. Fasting

Ans Cheerful

Read the given extract and answer the questions that follows-

Winter came early. The cherry tree bent low with the weight of snow. Field-mice sought shelter in the roof of the cottage. The road from the valley was blocked, for several days there was no newspaper, and this made Grandfather quite grumpy. His stories began to have unhappy endings.

8. Complete the following sentence suitably –

The Phrase 'field-mice sought shelter in the roof of the cottage' suggests that points

- A. It was very cold.
- B. It was very hot.
- C. It was quite grumpy.
- D. None of these

Ans It was very cold.

All Voices:

Lord of the Universe, Lord of our being, Father eternal, ineffable Om!

Thou art the Seed and the Scythe of our harvests,

Thou art our Hands and our Heart and our Home.

9. In the phrase 'Lord of our being,' what does the word 'being' most likely refer to?

- A. Our physical body
- B. Our entire existence
- C. Our spiritual practices
- D. Our earthly possessions

Ans Our entire existence

10. Identify the poetic device used in the following lines from the poem.

"The earth is being given human like qualities"

- A. Simile
- B. Metaphor
- C. Personification

Ans Personification

HINDI

वह राष्ट्र किसी भी विजातीय प्रभाव से हर प्रकार से मुक्त रहेगा। जो राष्ट्र हमारे स्वदेशी समाज के यंत्र के रूप में काम करेगा, सर्वोपरि वह समाज और राष्ट्र भारतवासियों का अभाव मिटाएगा या भारतवासी के आदर्श को सार्थक बनाकर ही स्थिर नहीं होगा, बल्कि विश्व मानव के समक्ष आदर्श-श्री समाज और आदर्श-श्री राष्ट्र के रूप में गण्य होगा। मैं ऐसे समाज और ऐसे राष्ट्र का ही स्वप्न देखता रहा हूँ। यह स्वप्न मेरे समक्ष नित्य एवं अखंड सत्य है। इस सत्य की प्रतिष्ठा के लिए सब कुछ किया जा सकता है, हर प्रकार का त्याग किया जा सकता है, हर संकट को सहा जा सकता है और इस स्वप्न को सार्थक बनाने के दौरान प्राण देना भी है तो 'वह मरण है स्वर्ग समान'। हे मेरे तरुण भाइयो! तमहुँ देने लायक

मेरे पास कुछ भी नहीं है, है सिर्फ यही स्वप्न जो हमें असीम शक्ति और अपार आनंद देता है, जो मेरे क्षुद्र जीवन को भी सार्थक बनाता है। यह स्वप्न मैं तम्हु ें उपहार स्वरूप देता हूँ— स्वीकार करो।

1. नेताजी किस बात को 'स्वर्ग समान मरण' कहते हैं?

[A] आत्महत्या

[B] स्वप्न की सिद्धि हेतु बलिदान

[C] बीमारी से मरण

[D] युद्ध में मृत्यु

2. नेताजी ने युवाओं को क्यों संबोधित किया?

[A] वे पढ़ाई नहीं करते थे

[B] वे भविष्य निर्माता हैं

[C] वे विरोध कर रहे थे

[D] वे असंतुष्ट थे

3. इस गद्यांश में किस राष्ट्र की बात हो रही है?

[A] अमेरिका

[B] भारत

[C] नेपाल

[D] भटानू

4. नीचे स्तंभ 1 में पाठ में से चयन कर ु कुछ पंक्तियाँ दी गई हैं और स्तंभ 2 में उन पंक्तियों से संबंधित भाव-विचार दिए

गए हैं। स्तंभ 1 में दी गई पंक्तियों का स्तंभ 2 में दिए गए भाव-विचार से सही मिलान कीजिए।

स्तंभ 1	स्तंभ 2
1. "इसी स्वप्न की प्रेरणा से हम उठते हैं, बैठते हैं, चलते हैं, फिरते हैं और लिखते हैं, भाषण देते हैं, काम-काज करते हैं।"	1. समाज में सभी व्यक्तियों को सभी तरह की स्वतंत्रता हो और उस पर किसी तरह का बंधन या सामाजिक दबाव न हो।
2. "जो राष्ट्र हमारे स्वदेशी समाज के यंत्र के रूप में काम करेगा, सर्वोपरि वह समाज और राष्ट्र भारतवासियों का अभाव मिटाएगा।"	2. हमारी समूची दिनचर्या और आचार-विचार इसी लक्ष्य (स्वप्न) की प्राप्ति पर केंद्रित हैं।
3. "उस समाज में व्यक्ति सब दृष्टियों से मुक्त हो तथा समाज के दबाव से वह मरे नहीं।"	3. जिस देश की योजनाएँ हमारे अपने समाज को ध्यान में रखकर बनाई जाएँगी, उस देश में किसी भी प्रकार का अभाव नहीं होगा।

[A] 1-2, 2-3, 3-1

[B] 1-3, 2-1, 3-2

[C] 3-1, 2-2, 1-1

[D] 1-1, 2-2, 3-3

5. नेताजी का स्वप्न किस वर्ग के लिए प्रेरणा था?

[A] बच्चों के लिए

[B] किसानों के लिए

[C] युवाओं के लिए

[D] वृद्धों के लिए

6. स्वाधीन का विपरीत अर्थ देने वाला शब्द है?

[A] स्वतंत्र

[B] राष्ट्र

[C] पराधीन

[D] जीवन

7. स्वीकार का विपरीत अर्थ देनेवाला शब्द है?

[A] कर्मठर्म

[B] समानता

[C] जीवन

[D] अस्वीकार

8. जिस शब्द की विशषता े बताई जाए, उसे कहते हैं?

[A] शब्द

[B] विशषणे

[C] विशष्ये

[D] वाक्य

9. 'इतिहास' शब्द का विशषणे रूप है?

[A] इतिहासिक

[B] ऐतिहासिक

[C] ऐतिहास

[D] इतिहासात्मक

10. भाववाचक संज्ञा में निम्न में से कौनसा सम्मिलित है?

[A] क्रोध

[B] नदी

[C] सिंह

[D] पेड़

MATHS

1. Find three consecutive numbers such that the first and third is multiple of 2 and second is multiple of 3.

A. 20, 21, 22

B. 35, 36, 37

C. 15, 16, 17

D. 28, 29, 30

Feedback for correct answers

The correct answer is 20, 21, 22.

Explanation: As 20 and 22 are the multiples of 2 and 21 is the multiple of 3.

Feedback for incorrect answers

The correct answer is 20, 21, 22.

Explanation: As 20 and 22 are the multiples of 2 and 21 is the multiple of 3.

2. The sum of three consecutive numbers is 27. What is the middle number

A. 27

B. 10

C. 9

D. 12

Feedback for correct answers

The correct answer is 9.

Explanation: Let the 3 consecutive numbers be x , $x+1$, $x+2$

$$x + (x + 1) + (x + 2) = 27$$

$$3x + 3 = 27$$

$$3x = 27 - 3$$

$$3x = 24$$

$$x = 24/3$$

$$x = 8$$

Then the three numbers will be 8, 9, 10 and middle number is 9.

Feedback for incorrect answers

The correct answer is 9.

Explanation: Let the 3 consecutive numbers be x , $x+1$, $x+2$

$$x + (x + 1) + (x + 2) = 27$$

$$3x + 3 = 27$$

$$3x = 27 - 3$$

$$3x = 24$$

$$x = 24/3$$

$$x = 8$$

Then the three numbers will be 8, 9, 10 and the middle number is 9.

3. If the product of two numbers is a multiple of 10 and one number is 5. What can be true about the other number?

- A. Must be even
- B. Must be odd
- C. Must be multiple of 3
- D. Cannot be determined

Feedback for correct answers

Your answer is correct.

The correct answer is that the number must be even.

Explanation: If 5 is multiplied by even numbers like 2, 4, 6 the product will be 10, 20, 30, which is multiple of 10.

Feedback for incorrect answers

Your answer is incorrect.

The correct answer is that the number must be even.

Explanation: If 5 is multiplied by even numbers like 2, 4, 6 the product will be 10, 20, 30, which is multiple of 10.

4. Ruchita said to her friends "I have number that is divisible by 2. If I reverse its digits, it will be divisible by 3"

For which of the following number her conjecture is true?

- A. 10
- B. 12
- C. 14
- D. 22

Feedback for correct answers

Your answer is Correct.

The correct answer is 12.

Explanation: 12 is divisible by 2 and if we reverse the digits, the number formed is 21 which is divisible by 3.

Feedback for incorrect answers

Your answer is Incorrect.

The correct answer is 12.

Explanation: 12 is divisible by 2 and if we reverse the digits, the number formed is 21 which is divisible by 3.

5. The digital root of a number is 8, What is the digital root of the number plus 12

- A. 2
- B. 3
- C. 7
- D. 9

Feedback for correct answers

Your answer is Correct.

The correct answer is 2.

Explanation : If we add the numbers 8 and 12

$8 + 12 = 20$, add the digits of the number 20 ($2 + 0 = 2$) , so the digital root is 2.

Feedback for incorrect answers

Your answer is Incorrect.

The correct answer is 2.

Explanation : If we add the numbers 8 and 12

$8 + 12 = 20$, add the digits of the number 20 ($2 + 0 = 2$) , so the digital root is 2.

6. Identify which of the following algebraic expressions give an even number for any integer values for the letter-numbers.

A. $3x + 2$

B. $13k - 5k$

C. $4m + 2n$

D. $6m - 3n$

Feedback for correct answers

Your answer is Correct.

Explanation : The expression $4m + 2n$ always evaluate to an even number for any integer value of m and n. Because $4m$ is even and $2n$ is also even .Therefore ,there sum will also be even.

Feedback for incorrect answers

Your answer is Incorrect.

Correct answer is $4m + 2n$.

Explanation : The expression $4m + 2n$ always evaluate to an even number for any integer value of m and n. Because $4m$ is even and $2n$ is also even .Therefore ,there sum will also be even.

7. Cryptarithms are the puzzles where each letter stands for a digit, each digit is represented by at most one letter and the first digit of the number is never zero

In Cryptarithm

$AB \times A = CCC$

The value of A, B, C is

A. 1, 2, 3

B. 3, 4, 5

C. 3, 7, 1

D. 3, 1, 7

Feedback for correct answers

Your answer is Correct.

The correct answer is 3, 7, 1

Explanation: AB is a two digit number multiplied by A again to give a three digit number having same digits so, $37 \times 3 = 111$ satisfy all condition.

Feedback for incorrect answers

Your answer is Incorrect.

The correct answer is 3, 7, 1

Explanation: AB is a two digit number multiplied by A again to give a three digit number having same digits so, $37 \times 3 = 111$ satisfy all condition.

8. Rita has written many numbers that leaves a remainder of 5 when divided by 7.
Write an algebraic expression to describe such numbers.

A. $5K + 7$

B. $12K + 1$

C. $5K + 2$

D. $7K + 5$

Feedback for correct answers

Your answer is Correct.

The correct answer is $7K + 5$.

Explanation: Remainder is 5, dividend is 3

Number = (Quotient x dividend) + Remainder

= ($K \times 7$) + 5

= $7K + 5$

where $k = 1, 2, 3, \dots$

algebraic expression = $7K + 5$

Feedback for incorrect answers

Your answer is Incorrect.

The correct answer is $7K + 5$.

Explanation: Remainder is 5, dividend is 3

Number = (Quotient x dividend) + Remainder

$$= (K \times 7) + 5$$

$$= 7K + 5$$

where $k = 1, 2, 3, \dots$

algebraic expression $= 7K + 5$

10. Rohan is checking if a number is a multiple of 27. He says , " If it's a multiple of 27, it must be multiple of 3 and 9 too ". Is Rohan correct ?

- A. Yes
- B. No
- C. May be
- D. Not sure

Feedback for correct answers

Your answer is Correct.

Explanation : Since 27 is multiple of both 3 and 9 , any multiple of 27 will also be a multiple of 3 and 9 .

Feedback for incorrect answers

Your answer is Incorrect

The correct answer is option (a) yes

Explanation : Since 27 is multiple of both 3 and 9 , any multiple of 27 will also be a multiple of 3 and 9 .

SCIENCE

1. A student observes that a balloon filled with air feels heavier than an empty balloon. This suggests that:

- A. A. Air has no mass
- B. B. Air is made of particles
- C. C. Air is weightless
- D. D. Air does not occupy space

2. A student adds a drop of ink into hot water and cold water in two separate beakers. Ink spreads faster in hot water. Why does ink spread faster in hot water?
points

- A. A. Molecules stop moving
- B. B. Kinetic energy of particles increases
- C. C. Ink becomes heavy
- D. D. Water evaporates

3. Which change represents maximum increase in kinetic energy?

- A. A. Ice to water
- B. B. Water to steam
- C. C. Steam to water
- D. D. Water to ice

4. A student adds salt to water and stirs. The level of water does not change. This shows:

- A. A. Salt disappeared
- B. B. Water evaporated
- C. C. Salt occupies empty spaces
- D. D. Salt has no particles

5. Clothes dry faster on a hot windy day than on a cold day. Which process causes drying of clothes?

- A. Evaporation
- B. Boiling
- C. Condensation
- D. Melting

6. A balloon kept in sunlight becomes bigger.

- A. Air particles become solid
- B. Air particles lose energy
- C. Air particles gain energy and move faster
- D. Air escapes from balloon

7. Which property of a compound is different from its elements?

A. Colour

B. Mass

C. Physical shape

D. Chemical Properties

8. A student mixes iron filings, sand and salt. Which sequence of methods will correctly separate all three?

A. Magnet → Dissolving in water → Filtration → Evaporation

B. Filtration → Magnet → Evaporation

C. Evaporation → Magnet → Filtration

D. Magnet → Evaporation → Filtration

9. A student mixes sulphur and iron powder but no new substance is formed. This proves the product is a:

A. Compound

B. Element

C. Mixture

D. Colloid

10. If a student observes that particles settle at the bottom after some time, the mixture is:

A. True solution

B. Colloid

C. Suspension

D. Compound

SOCIAL SCIENCE

1. Which European trading company first arrived in India for trade?

- A. British East India Company
- B. French East India Company
- C. Portuguese traders

2. The Battle of Plassey (1757) was fought between the British and:

- A. Tipu Sultan
- B. Shah Alam II
- C. Siraj-ud-Daulah
- D. Rani Lakshmibai

3. The main aim of the British East India Company in India was to:

- A. Spread Christianity
- B. Promote Indian industries
- C. Carry out profitable trade
- D. Provide education

4. The policy of 'Doctrine of Lapse' was introduced by:

- A. Lord Cornwallis
- B. Lord Dalhousie
- C. Robert Clive
- D. Warren Hastings

5. Which of the following was a major cause for the Revolt of 1857?

- A. Introduction of railways
- B. High taxes on land
- C. Enfield rifle cartridges greased with animal fat
- D. English education

6. India has which type of legislature?

- A. Unicameral
- B. Bicameral
- C. Tricameral
- D. Federal

7. The Lok Sabha is also known as the:

- A. Upper House
- B. Permanent House
- C. House of the People
- D. Council of States

8. Who is the head of the executive at the central level?

- A. Speaker of Lok Sabha
- B. President of India
- C. Prime Minister of India
- D. Chief Justice of India

9. Members of the Rajya Sabha are elected for a term of:

- A. 3 years
- B. 4 years
- C. 5 years
- D. 6 years

10. The Council of Ministers is collectively responsible to the:

- A. Rajya Sabha
- B. President
- C. Lok Sabha
- D. Supreme Court