



## SUMMATIVE ASSESSMENT II 2025-2026

## Mathematics

Standard : 6

Time : 2 Hrs 15 minutes

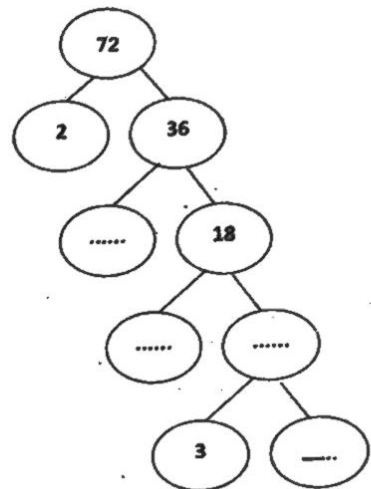
## Instructions

- First 15 minutes is allotted as cool-off time. Read the questions carefully and plan the answers during this time.
- Answer all six questions. Answer all the sub questions.
- Question 1 and 4 has two parts (A&B). Attempt **any one** of them. (1A or 1B and 4A or 4B).

**Question 1 has two parts (1A and 1B). Answer any one.**

1.A. Look how 72 is written as prime factors.

- Find and write the missing numbers.
- If 144 is written as a product of prime numbers, how many times will 2 appear in it?
- The sum of two prime numbers is 13. Which is the largest prime number in them?
- Which of the following statement is correct?
  - All multiples of 10 are multiples of 30.
  - All multiples of 20 are multiples of 30.
  - All multiples of 30 are multiples of 15.
  - All multiples of 15 are multiples of 30.



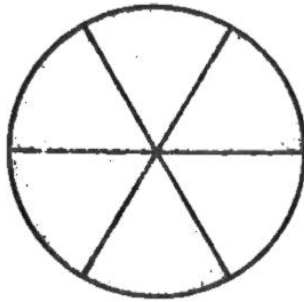
OR

1.B.a. Write 110 as product of prime numbers.

- How many factors does 110 have?
- Write all the factors of 110.
- If the following numbers are written as product of prime numbers, which number will have both 2 and 5 as factors?
 

A. 66	B. 30	C. 45	D. 105
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2.



- The circle is divided into equal parts. What part of the circle is shaded?
- Write the fraction showing the shaded portion as the sum of  $\frac{1}{2}$  and another fraction.
- Draw a circle and shade it to show  $\frac{1}{4} + \frac{1}{8}$ .
- Look at the statement and reason given below.

Statement -  $\frac{1}{3} + \frac{1}{6}$  is greater than  $\frac{1}{2}$

Reason -  $\frac{3}{6}$  is equal to  $\frac{1}{2}$

Examine the statement and the reason. Find out which of the following is correct.

- Statement is correct, reason is wrong.
- Statement is wrong, reason is correct.
- Statement and reason are correct.
- Statement and reason are wrong.

3.



Did you see the ad?

- What discount will get when we buy clothes for rupees 100 from this shop?
- Abu got 90 rupees discount when he bought clothes from this shop. For how much rupees did Abu buy clothes?

c. Raju bought clothes from this shop for 1560 rupees. How much should Raju pay?

d. Which of the following is equal to 30% discount?

- i. 100 rupees discount on 500 rupees
- ii. 60 rupees discount on 150 rupees
- iii. 30 paise discount on 1 rupee
- iv. 300 rupees discount on 1000 rupees

Find the correct answer from the following.

- A. i and ii are correct
- B. iii and iv are correct
- C. ii and iii are correct
- D. ii and iv are correct

**Question 4 has two parts (4A and 4B). Answer any one.**

**4.A.**

- a. Write five consecutive multiples of three.
- b. Of these numbers, what is the relationship between the sum of first and fifth numbers and the sum of second and fourth numbers? Why?
- c. What is the relationship between the sum of the first and last numbers and the middle number?
- d.  $185+299$  is equal to which of the following?  
A.  $185+301$       B.  $186+300$       C.  $184+300$       D.  $184+298$

**OR**

**4.B.**

- a. What is the remainder when the numbers 2, 5, 8, 11, ..... are divided by 3?
- b. Is the difference of any two numbers in the given sequence a multiple of 3? Why?
- c. What number should be subtracted from 599, to get a number which is equal to  $600-198$ ?
- d. Which of the following is not equal to  $102-98$ ?  
A.  $100-96$       B.  $104-100$       C.  $106-100$       D.  $101-97$

5. a. A shop offers a discount of 9% on goods. What is the discount on an item purchased for 10 rupees?
- b. If we get 9% discount on goods worth 160 rupees, how much rupees will get as discount?
- c. If we get a discount of 200 rupees on buying goods for 2500 rupees, what is the percentage of discount?
- d. Which of the following is equal to discount of 1 paise for 1 rupee?
- A. 10 paise for 100 rupees      B. 10 paise for 10 rupees
- C. 10 rupees for 100 rupees      D. 1 rupee for 10 rupees
6. Radha got 4.250 litres of milk from her cow. Out of this she gave 0.750 litre of milk to Ramu's house and 1.750 litres of milk to Sameer's house.
- a. How much milk was given to Ramu and Sameer together?
- b. What is the remaining quantity of milk?
- c. Write the decimal form of  $\frac{25}{10} + \frac{3125}{1000}$ .
- d. Which of the following is equal to 5.205?
- A.  $(5 \times 1) + (2 \times \frac{1}{10}) + (5 \times \frac{1}{100})$
- B.  $5\frac{205}{100}$
- C.  $5 + \frac{2}{10} + \frac{5}{1000}$
- D.  $\frac{5205}{100}$