

CLASS

2

SAMPLE PAPER



National Science Olympiad

CLASS 2

The actual test paper has 35 questions. Time allowed : 60 minutes. There are 2 sections: 10 questions in section I and 25 in section II.

SYLLABUS

Section – I (Mental ability) : Numerals, number name and number sense (3 digit number), Addition, Subtraction, Time, Calendar, Measurement of weight, Length and temperature, Geometrical shapes, Money, Problems based on figures, Series completion, Patterns, Find odd numeral out.

Section – II (Science) : Plants, Animals, Human body, Family, Food, Clothes, House, Occasions & Festivals, Occupation, Good Habits and Safety Rules, Transport & Communication, Earth and Universe.



National Science Olympiad

MENTAL ABILITY

1. Look at the number sentence below.

$$27 + \square = 37$$

What number is missing from the number sentence?

- (A) 0 (B) 10 (C) 17 (D) 64

2. Which of these number sentences is true?

- (A) $12 - 5 = 11 - 6$ (B) $12 - 5 = 12 - 7$
(C) $12 - 5 = 15 - 2$ (D) $12 - 5 = 16 - 9$

3. Dolly made the number pattern below.

$$3, 6, 9, \underline{\quad}, \underline{\quad}, 18$$

What two numbers are missing from the pattern?

- (A) 10, 11 (B) 12, 15 (C) 13, 15 (D) 19, 20

4. Which of these numbers has an 8 in the tens place?

- (A) 18 (B) 98 (C) 281 (D) 862

5. The table below shows how many minutes Raghav practiced playing the piano last weekend.

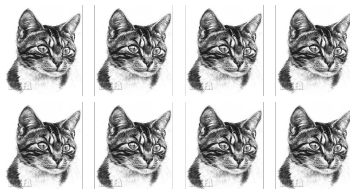
Raghav's Piano Practice

Day	Time (in minutes)
Friday	25
Saturday	30
Sunday	29

How many minutes did Raghav practice playing the piano in all?

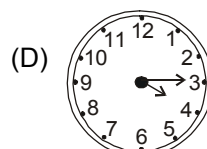
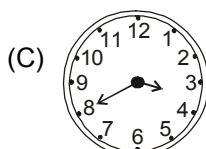
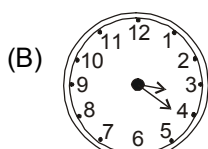
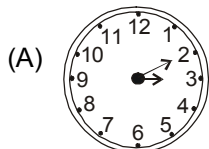
- (A) 74 Minutes (B) 79 Minutes (C) 84 Minutes (D) 85 Minutes

6. Ram's cat had 8 kittens as shown below. Ann kept 4 of Ram's kittens. How many kittens did Ram have now?



- (A) 1 Kitten (B) 2 Kittens (C) 4 Kittens (D) 6 Kittens

7. Which clock shows 3 : 20?



8. Manjit walks to school each day. Which of these best describes how long it takes Manjit to walk to school?

- (A) Centimeters (B) Inches (C) Seconds (D) Minutes

9. A pilot flies 728 kilometre. Which is another way to write this number?

- (A) Seven hundred eighty-two (B) Seven hundred thirty-eight
(C) Seven hundred twenty-eight (D) Seven hundred forty-eight

10. Ali is taller than Kapil. Kapil is taller than Kevin. Ali is 48 inches tall. Kevin is 45 inches tall. How tall could Kapil be?
- (A) 51 Inches (B) 48 Inches
(C) 47 Inches (D) 45 Inches

SCIENCE

11. Which of the given figures represents the organ that helps in breathing ?



12. My father's nephew or niece is my
- (A) Cousin (B) Uncle (C) Aunt (D) Brother-in-law

13. The person in the given figure is a/an

- (A) Doctor
(B) Soldier
(C) Diver
(D) Astronaut



14. The given figure shows a microscope. Which subject is it related to ?

- (A) Maths (B) Geography
(C) History (D) Science



15. Which of the following mode of transport does not have an engine and are not pulled by animals ?

- (A) Cycle (B) Tonga (C) Jeep (D) Car

16. To which place of worship does Sikhs go to pray ?

- (A) Temple (B) Mosque (C) Church (D) Gurdwara

17. Which of the following yields fibre ?



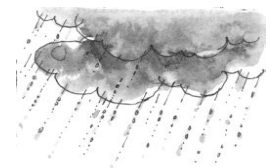
18. If you face the rising sun in the morning, the direction on your left is

- (A) North (B) South
(C) East (D) West



19. The given figure represents which of the following seasons ?

- (A) Spring (B) Summer
(C) Monsoon (D) Winter



20. Which of the following figures represent crescent moon ?

