

CLASS

3

SAMPLE PAPER



National Science Olympiad

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 names and number sense (4 digit numbers), Addition, Subtraction, Fractional numbers, Multiplication, Division, Time, Straight and curved lines, Calendar, Measurement of weight and capacity, Geometrical shapes, Money, Patterns, Problems based on figures, Find odd numeral out, Series completion, Coding-decoding, Mirror image, Embedded figures.

Section – II (Science) : Plant and Animal Life, Human Body, Water, Food, House & Occupation, Transport and Communication, Matter and Materials, Earth & Universe.



National Science Olympiad

MENTAL ABILITY

1. If Rahul puts exactly 2 fish in each fishbowl, how many fish will he use to put in 20 bowls ?

- (A) 40 (B) 22 (C) 42 (D) 20

2. Which is true ?

- (A) $6,293 > 4,526$ (B) $4,521 < 4,297$
(C) $6,113 > 6,169$ (D) $6,750 = 6,150$

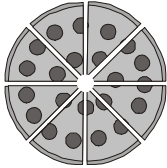
3. Which means seven thousand five hundred ninety-two ?

- (A) 7,592 (B) 5,792 (C) 5,972 (D) 7,529


4. What is the value of the 2 in 2,814 ?

- (A) 200 (B) 20 (C) 2,000 (D) none of these.

5.



Reena ate $\frac{1}{8}$ of the cake. How much of the cake did she eat ?

- (A)  (B) 
(C)  (D) 

6. Rajiv had 8 baseball cards. He got some more baseball cards for his birthday, then he had 17 in all. How many baseball cards did he get for his birthday ?

- (A) 7 (B) 8 (C) 6 (D) 9

7.



Which of these shows the same time as the clock above ?

- (A) 12 : 15 (B) 2 : 00 (C) 12 : 23 (D) 2 : 12

8. The chart shows the number of pages Mansi read during four days.

Day	Monday	Tuesday	Wednesday	Thursday
Pages Read	24	17	31	26

How many more pages did Mansi read on Wednesday than on Tuesday ?

- (A) 26 (B) 16
(C) 14 (D) 24

SCIENCE

9. _____ are known as food factories of a plant.
- (A) Green leaves (B) Roots
(C) Stem (D) Flower
-
10. Weather is caused by the
- (A) Sun (B) Night air
(C) Temperature (D) Clouds
-
11. Solar energy comes from
- (A) The sun (B) Tides
(C) Oil (D) Fossils
-
12. Water droplets that are too heavy to float make
- (A) Fog (B) Clouds
(C) Rain (D) Smoke
-
13. Which of the following does not take the shape of the container it is in ?
- (A) Pencil (B) Oil
(C) Water (D) Milk
-
14. The bird that can never fly
- (A) Duck (B) Crow
(C) Bulbul (D) Kiwi
-
15. Ducks have
- (A) Short and broad beaks (B) Broad and flat beaks
(C) Slender beaks (D) Pointed beaks
-
16. In which Earth layer do most grasses grow?
- (A) Solid rock (B) Subsoil
(C) Topsoil (D) Bedrock
-
17. Which of these do people build to stop flooding?
- (A) Sidewalks (B) Dams
(C) Bridges (D) Streets
-
18. The birds that lays its eggs in the nest of a crow is
- (A) Cuckoo (B) Parrot
(C) Wood pecker (D) Pigeon
-
19. Which of the following will not dissolve in water?
- (A) Salt (B) Sugar
(C) Sand (D) Baking soda
-
20. Soil helps trees because soil —
- (A) Makes food for the trees (B) Moves the tree seeds to new places
(C) Gives nutrients to the trees (D) Turns the roots into new trees
-

