Name ☐☐☐☐☐☐☐☐☐☐☐

Hall Ticket No. ☐☐☐☐☐☐☐

Name of the Invigilator ....

Signature ....

STD-5

Maximum Marks : 100
Time : 90 Minutes

INSTRUCTIONS

1. This test of 60 minutes duration, contains 45 questions and is meant to be taken in one sitting. (Std. III to VIII)

2. Marks are **NOT** deducted for wrong answers.

3. Do any rough work on the test itself (wherever space is available). Do not use any additional paper for rough work.

4. You are **NOT** allowed to use a calculator.

5. Read the instructions given in the answer sheet before answering the questions.

   (i) Fill in your Hall Ticket No. in the Boxes provided.

   Ex : | 7 | 5 | 2 | 6 | 4 | 1 | 8 |

6. Each question is provided with four or five answers. The answer which you feel is the best, identify by darkening the circle with pen.

   Example :

   Ⓐ ⬤ Ⓒ Ⓓ

7. Return the OMR answer sheet to the invigilator at the end of the Examination.

8. From Class three onwards, the test booklet can be retained by the student.

NTA Council

Shalom Communications
P.O. ROAD, TRICHUR
KERALA - 68 00 01

Choose the right answer and darken in the OMR answer sheet

MATHEMATICS

1. **A company pays every employee Rs. 9 for each item he or she produces. If there are 23 employees and they make an average of 114 items, what is the total amount paid to the workers?**

   a) Rs. 23,598   b) Rs. 3,648

   c) Rs. 146   d) Rs. 1,233

   e) None of these

2. **Write the number in words : 3,072**

   a) Three million, seventy-two

   b) Three thousand, seventy-two

   c) Thirty thosand, seventy-two

   d) Three hundred thousand, seventy-two

   e) None of these

3. **Rohit's team wants to plant 1,080 trees in 9 months. How many trees per month do they need to plant?**

   a) 129 trees   b) 240 trees

   c) 120 trees   d) 130 trees

   e) None of these

4. Pasta is delivered to the supermarket in cartons which contain 12 individual boxes. Last month the local store received 6 deliveries of 31 cartons. How many individual boxes of pasta did it receive?

a) 372 boxes   b) 2,232 boxes

c) 186 boxes   d) 3,348 boxes

e) None of these

5. A toy was bought for Rs. 100. It was sold for a gain of 10%. The selling price of the toy was

a) Rs. 100   b) Rs. 150
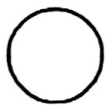
c) Rs. 110   d) Rs. 120

e) None of these

6. 9 paise =

a) 0.9 Rs.   b) 0.009 Rs.

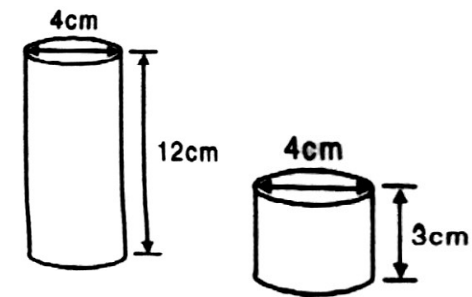c) 0.09 Rs.   d) 1.9 Rs.

e) None of these

7. If the cost of 10 pencils is Rs. 20, then cost of 8 pencils is

a) Rs. 12   b) Rs. 15

c) Rs. 16   d) Rs. 18

e) None of these

8. **= 3 units. One unit equals**

a)   b)

c)   d)

e) None of these

9. How many of the cylinders below will it take to make the given cylinder?

a) 2   b) 3

c) 4   d) 5

e) None of these

10. How will the value of 3,695,474.28 change if 7 is replaced by 1?

a) The digit in the tens place will become greater

b) The number will become smaller

c) There will be no digit in the tens place

d) There will be 1 in hundred place

e) None of these

11. The reciprocal of $\frac{3}{5}$ is

(A) 5   (B) 3   (C) $\frac{5}{3}$

(D) $\frac{3}{5}$ (E) None of these.

12. The number of weeks in 189 days are:

(A) 27 weeks   (B) 28 weeks

(C) 31 weeks   (D) 29 weeks

(E) None of these.

13. A pen was bought for Rs. 200. It was sold for a gain of 10%. The selling price of the pen was :

(A) Rs. 240   (B) Rs. 220   (C) Rs. 300

(D) Rs. 200   (E) None of these.

14. A publishing company donated 300 books to a public library in which 105 are religious. What per cent of the donated books are religious?

(A) 50%   (B) 65%   (C) 25%

(D) 35%   (E) None of these.

15. Geeta is driving 457 kilometres to get home from other town. If she drives 293 kilometres the first day, how many kilometres remain?

(A) 146 km   (B) 164 km   (C) 174 km

(D) 154 km   (E) None of these.

16. How is the decimal 0.9 written as a fraction?

(A) $\frac{1}{9}$ (B) $\frac{4}{5}$ (C) $\frac{4}{9}$

(D) $\frac{9}{10}$ (E) None of these

17. Arjun wants to construct a cylinder from wood shapes. What shapes will he need ?

(A) 2 triangles and 1 rectangle. (B) 2 circles and 1 rectangle.

(C) 3 circles and 3 triangles. (D) 4 triangles and 1 square.

(E) None of these

18. The width of a rectangular path is 8 m. If the perimeter is 40m. What is the length of the path ?

(A) 12m   (B) 14m   (C) 15m

(D) 20 m   (E) None of these

19. If the cost of 10 caps is Rs. 300, then the cost of 8 caps is :

(A) Rs. 240   (B) Rs. 220   (C) Rs. 260

(D) Rs. 210   (E) None of these.

20. Which of the following is a mixed fraction?

(A) $\frac{17}{7}$ (B) $\frac{16}{9}$ (C) $2\frac{1}{3}$

(D) $\frac{27}{8}$ (E) None of these.

21. The number which is the identity for addition of whole numbers is

(A) 2   (B) —1   (C) 1

(D) 0   (E) None of these.

22. Which one is not a whole number

(A) $8 \div 2$ (B) $6 \div 5$ (C) $(-6) \div (-2)$

(D) $(-5) \times (-3)$ (E) None of these.

23. $6 + 2 \div 0$ is

(A) 8   (B) 6   (C) 0

(D) Not defined   (E) None of these.

24. Difference between the place values of 3 and 7 in 6, 380, 942 and 5, 107, 289 is......................

(A) 29, 300   (B) 273, 000   (C) 27, 300

(D) 293, 000   (E) None of these.

25. Closure property is satisfied in whole number w.r.t to.......... and ....

(A) Addition and subtraction

(B) Addition and division

(C) Addition and multiplication

(D) Multiplication and division   (E) None of these.

26. Which number has a 9 in the billions place?

(A) 9,000,345   (B) 945,299

(C) 9,220,301,005   (D) None of these.

SCIENCE

26. An eye specialist is known as:

(A) Dermatologist   (B) ENT specialist (C) Ophthalmologist

(D) Anaesthesist   (E) None of these

27. Magnets will stick to the refrigerator doors because the doors   are:

(A) Easy to open   (B) Heavy   (C) Made of metallic iron

(D) Painted with enamel   (E) None of these.

28. Summer crops are called :

(A) Edible crops   (B) Kharif crops   (C) Rabi crops

(D) Early crops   (E) None of these.

29. The indigestible food material, which is taken along with the food and which prevents constipation is known as:

(A) Nutritious food   (B) Balanced diet   (C) Roughage

(D) Indigestible waste   (E) None of these.

30. Which of the following is Rani most likely to find in the desert?

(A) Glacial valleys   (B) Sand dunes

(C) Wet lands   (D) Sea shells   (E) None of these.

31. Large round-shaped holes found on the moon's surface are called:

(A) Bubbles   (B) Meteorites (C) Craters

(D) Planets   (E) None of these.

32. Identify the 'NO PARKING' traffic signal among the following:

(A)   (B)   (C)

(D)   (E) None of these.

33. Which of the following is a process that allows plants to change light energy into food energy?

(A) Reproduction   (B) Photosynthesis   (C) Excretion

(D) Digestion   (E) None of these.

34. Glass, rubber and plastic fall in the category of:

(A) Metals   (B) Conductors (C) Electromagnets

(D) Insulators   (E) None of these.

35. A very large water mass on the earth is called:

(A) River   (B) Lake   (C) Ocean

(D) Pond   (E) None of these.

36. After an accident, a person lost his speech and memory. Which part of his brain gets affected ?

(A) Brain stem   (B) Cerebrum   (C) Medulla

(D) Cerebellum   (E) None of these.

37. Humus, silt, clay and sand are all parts of:

(A) Rocks   (B) Soil   (C) Plants

(D) Fungi   (E) None of these.

38. The beliefs or stories without any real existence are called:

(A) Ghost stories   (B) Sayings

(C) Untold stories   (D) Myths

(E) None of these.

39. Kinetic energy of a body depends on:

(A) Its mass only.   (B) Both its mass and speed.

(C) Its speed only.   (D) Mass, speed and height.

(E) None of these.

40. Environment Day is observed all over the world on:

(A) 16th September   (B) 2nd October

(C) 26th January   (D) 5th June   (E) None of these

41. When carbon dioxide is passed through lime water, it turns:

(A) Yellow   (B) Milky   (C) Blue

(D) Red   (E) None of these

42. The pH value of pure water is:

(A) equal to 7   (B), more than 7   (C) less than 7

(D) zero   (E) None ofthese.

43. The chief component of CNG is:

(A) Butane   (B) Carbon dioxide

(C) Hydrogen   (D) Methane

(E) None of these

44. Several species of birds and wild animals have disappeared from the earth and they have become:

(A) Unnoticed   (B) Unwanted

(C) Endangered species   (D) Famous

(E) None of these.

45. The branch of study which deals with animals is called:

(A) Botany   (B) Geology   (C) Psychology

(D) Zoology   (E) None of these.

46. Write a paragraph on any one of the following

My favourite sport

or

An ideal student

(Write it in your OMR Answer Sheet)