

**SAMPLE PAPER - 1**  
**ACADEMIC SESSION : 2019-20**  
**FOR CLASS VII MOVING STUDENT**

Time : 1½ Hr.

Negative Marking - 0.25

Maximum Marks : 60

**GENERAL INSTRUCTIONS**

1. Each question carry 1 marks.
2. Blank papers, clip boards, log tables, slide rule, calculators, mobile or any other electronic gadgets in any form is not allowed.
3. Write your Name and Roll No. in the space provided in the bottom of this booklet.
4. Before answering the paper, fill up the required details in the blank space provided in the answer sheet.
5. Do not forget to mention your roll number neatly and clearly in the blank space provided in the answer sheet.
6. No rough sheets will be provided by the invigilators. All the rough work is to be done in the blank space provided in the question paper.
7. In case of any dispute, the answer filled in the OMR sheet available with the institute shall be final.
8. Post exam Answer Key will be declared. Correction in Answer Key will be accepted till next 36 hours after which no correction will be entertained.



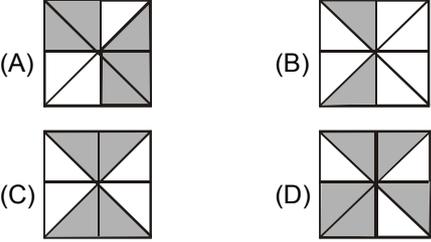
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1. What is 75 million expressed in scientific notation ?  
 (A)  $7.5 \times 10^7$  (B)  $7.5 \times 10^6$   
 (C)  $7.5 \times 10^9$  (D)  $7.5 \times 10^8$
2. Choose the rational number which does not lie between rational numbers  $\frac{3}{5}$  and  $\frac{2}{3}$   
 (A)  $\frac{46}{75}$  (B)  $\frac{47}{75}$   
 (C)  $\frac{49}{75}$  (D)  $\frac{50}{75}$
3. In a two-digit number, the sum of digit is 15. If 9 is added to the number, the digits are reversed. The number is  
 (A) 87 (B) 78  
 (C) 69 (D) 96
4. If  $x = \frac{6}{119} \times \frac{63}{8} \times \frac{17}{9}$  then the value of x is  
 (A)  $\frac{3}{4}$  (B)  $\frac{2}{3}$   
 (C)  $\frac{3}{8}$  (D)  $\frac{3}{5}$
5.  $\frac{3}{8}$  is what part of  $\frac{1}{12}$ ?  
 (A)  $\frac{1}{12}$  (B)  $\frac{4}{3}$   
 (C)  $\frac{9}{2}$  (D)  $\frac{7}{2}$
6. If  $\frac{1}{8}$  of a pencil is black,  $\frac{1}{2}$  of remaining is white and the remaining  $3\frac{1}{2}$  cm is blue, then total length of pencil is  
 (A) 6 cm (B) 8 cm  
 (C) 11 cm (D) 9 cm
7. Rewrite  $16 \times 0.4 + 16 \times 10$  using the distributive property  
 (A)  $16 + (0.4 + 10)$  (B)  $16(0.4 + 10)$   
 (C)  $16 + (0.4 \times 10)$  (D)  $16 \times (0.4 \times 10)$
8. Two wires 15 cm and 25 cm in length are to be cut into smaller pieces of equal length. What can be maximum length of each smaller piece ?  
 (A) 8 (B) 4  
 (C) 5 (D) 6
9. Of the three numbers, second is twice the first and is also thrice the third. If the average of the three numbers is 44, the largest number is  
 (A) 24 (B) 72  
 (C) 36 (D) 48
10. The shaded fraction of the square is as given below.
- 
- Which shows an equivalent fraction in figures below ?
- 
11. A body whose position with respect to surroundings does not change, is said to be in a state of :  
 (A) rest (B) motion  
 (C) vibration (D) oscillation
12. Which of the following is a natural luminous source of light ?  
 (A) Sun (B) Wood  
 (C) Electric lamp (D) Torch
13. Which of the following is not a translucent object ?  
 (A) Greased paper (B) Paraffin wax  
 (C) Froasted glass (D) Water
14. Any heavenly body having light of its own is called a :  
 (A) nebulae (B) star  
 (C) comet (D) meteorite
15. Lunar eclipse occurs when the :  
 (A) Sun comes between the earth and the moon  
 (B) Moon comes between the earth and the sun.  
 (C) Earth comes between the sun and the moon.  
 (D) Earth and the moon collide with each other
16. Light year is a unit of :  
 (A) Distance (B) Light Energy  
 (C) Time (D) Mass

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17. At the centre of a magnet, magnetism is :  
 (A) maximum (B) minimum  
 (C) zero (D) infinite
18. What will happen when north pole of a magnet comes towards south pole of another magnet?  
 (A) Attraction  
 (B) Repulsion  
 (C) Nothing happen  
 (D) Sometimes attraction and sometimes repulsion
19. Repeated motion which takes place at equal intervals of time is :  
 (A) Periodic Motion  
 (B) Uniform Motion  
 (C) Random Motion  
 (D) Linear Motion
20. Like charges :  
 (A) always repel each other  
 (B) always attract each other  
 (C) can repel or attract each other depending on conditions  
 (D) can repel or attract each other depending on the quantity of charge
21. Jute is obtained from -  
 (A) seed of the plant (B) root of the plant  
 (C) stem of the plant (D) None of these
22. Cotton which is not spun is used -  
 (A) for designing sarees.  
 (B) for filling mattresses.  
 (C) as an absorbent in hospitals.  
 (D) None of these
23. The method used to separate light solids from heavier solids is -  
 (A) winnowing (B) hand picking  
 (C) sieving (D) None of these
24. The best soil for the growth of cotton plant is  
 (A) black soil. (B) red soil.  
 (C) desert soil. (D) laterite soil.
25. Natural disasters such as earthquake, cyclones, floods are -  
 (A) desirable changes  
 (B) periodic changes  
 (C) non-periodic changes  
 (D) None of these
26. A banana browning in the air is a -  
 (A) physical change (B) chemical change  
 (C) reversible change (D) None of these
27. We get \_\_\_\_\_ water from seas and oceans.  
 (A) mineral (B) chlorinated  
 (C) saline (D) None of these
28. Example of a soft material is :  
 (A) iron. (B) plastic.  
 (C) sponge. (D) wood.
29. A phenomenon due to which heat is trapped in the atmosphere is -  
 (A) green house effect  
 (B) fractional distillation  
 (C) nitrogen cycle  
 (D) decomposition
30. Lump of cotton wool shrinks in water because lighter \_\_\_\_\_ is replaced by heavier \_\_\_\_\_.  
 (A) water, air (B) air, water  
 (C) air, air (D) None of these
31. Raw materials required for the process of photosynthesis are –  
 (A) CO<sub>2</sub> and H<sub>2</sub>O (B) Sugar and H<sub>2</sub>O  
 (C) O<sub>2</sub> and chlorophyll (D) Minerals and O<sub>2</sub>
32. Life span of human RBC is of –  
 (A) 80 days (B) 100 days  
 (C) 120 days (D) 150 days

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33. Condition of a fat person is called  
 (A) kwashiorkar. (B) obesity.  
 (C) anaemia. (D) scurvy.
34. The food component, which prevents constipation is  
 (A) fats. (B) vitamins.  
 (C) carbohydrates. (D) roughage
35. Which plant is grown for food ?  
 (A) Rice (B) Cotton  
 (C) Jute (D) Rubber
36. Cellulose, Starch and sugar are example of –  
 (A) Fats (B) Proteins  
 (C) Carbohydrates (D) All of these
37. Nitrogen is one of the constituent of–  
 (A) carbohydrates (B) fats  
 (C) proteins (D) glycerol
38. Which part of plant has sepals & stamens ?  
 (A) Seed (B) Flower  
 (C) Stem (D) None of these
39. The female reproductive part of a plant is –  
 (A) Ovary (B) Stamen  
 (C) Anther lobe (D) None of these
40. The hard structures present in our body are called –  
 (A) Bones (B) Tendons  
 (C) Ligaments (D) None of these
41. Name the Mauryan king who defeated Seleucus in 305 BC and annexed the territories covering modern Afghanistan.  
 (A) Ashoka (B) Bimbisara  
 (C) Bindusara (D) Chandragupta
42. Name the author of the famous works like Meghadoota, Kumarsambhava and Abhijnanashkuntala.  
 (A) Shudraka (B) Valimiki  
 (C) Kalidasa (D) Surdasa
43. Which religion got split into two sects - Shwetambara and Digambara ?
- (A) Jainism (B) Buddhism  
 (C) Confucianism (D) Hinduism
44. What is the minimum age for a candidate who wants to contest the elections for being a member of block samiti ?  
 (A) 18 years (B) 21 years  
 (C) 25 years (D) 30 years
45. The police department in a district is headed by an officer of the Indian Police Service. he is called the -  
 (A) District Police Officer  
 (B) Inspector-General  
 (C) Circle Inspector  
 (D) Superintendent of Police
46. What was the name of land between Saraswati and Drishadvati in ancient India ?  
 (A) Brahmarsahi Desha  
 (B) Brahmavarta Desha  
 (C) Madhya Desha  
 (D) Arya Desha
47. Television images travel huge distance through:  
 (A) Satellite (B) Cables  
 (C) Both (A) and (B) (D) None of these
48. The direction of trade winds in northern hemisphere's ?  
 (A) South east (B) North West  
 (C) South West (D) North East
49. The Summer monsoons blows from \_\_\_\_\_ while winter monsoons blow from \_\_\_\_\_.  
 (A) (i) Sea to land (ii) Land to Sea  
 (B) (i) Land to sea (ii) Sea to land  
 (C) (i) Sea to land (ii) Sea to land  
 (D) (i) Sea to sea (ii) Land to land
50. How do the ocean currents flow ?  
 (A) Definite direction (B) Any direction  
 (C) Reverse direction (D) None

**Directions : (51 & 52) Find the missing term(s) :**

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51. 0, 6, 20, 42, ?  
 (A) 64 (B) 72  
 (C) 80 (D) 84
52. 2, 10, 19, 29, 40, 52, 65, 79, 94, ?  
 (A) 110 (B) 109  
 (C) 108 (D) None of these
53. In the following series how many **Cs** are there which are immediately followed by '**Y**' but not immediately preceded by '**J**' ?  
 J C D Y J C Y O J H C Y Y C I J W C Y A C Y  
 (A) one (B) two  
 (C) three (D) four
54. If 'A' means '+', 'B' means '-', 'C' means 'x', then what will be the value of  
**(10C4) A (4C4) B6 = ?**  
 (A) 60 (B) 56  
 (C) 50 (D) 46
55. '**Bird**' is related to '**Nest**' in the same way as '**Bees**' is related to \_\_\_\_\_ .  
 (A) Aquarium (B) Hive  
 (C) Aviary (D) Tree
56. How many triangles are there in the following figure ?  
 (A) 6 (B) 7  
 (C) 8 (D) 9
- 
57. If 'x' means '÷', '-' means 'x', '÷' means '+' and '+' means '-' then what will be the value of  
**(2 - 15 ÷ 18) × 8 + 6 = ?**  
 (A) 8 (B) 4  
 (C) 2 (D) 0

different from the rest.

58. (A)  (B)   
 (C)  (D) 

**Directions : (59)** Out of the four given figures, three are similar in a certain way. One figure is not like the other three. Which one of the figures does not belong to this group ?

59.   
 (A) (B) (C) (D)

**Directions : (60)** In each of the following questions, choose the correct water image from alternatives A, B, C, D of the word / figure (X).

60. (X)   
 (A)  (B)   
 (C)  (D) 

**Directions :** (58) Out of the four figures (A), (B), (C) and (D), given in each problem, three are similar in a certain way. However, one figure is not like the other three. Choose the figure which is

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