

**FOR MOVING TO CLASS 7<sup>TH</sup> (NURTURE)**  
**SAMPLE TEST**

Time: 1 Hr

Max Marks : 180

The Test Consists of Four Sections : (TOTAL 45 QUESTIONS)		
Section	No. of Questions	Syllabus
Section A : Calculation	10 Q.	No. specific preparation required  General Maths & Science of Class 6
Section B : Reasoning	10 Q.	
Section C : Scholastic Aptitude	25 Q.	

**INSTRUCTIONS TO CANDIDATE**

- Each subject in this paper consists of multiple choice questions with only one correct answer. +4 marks will be awarded for correct answer and there is no negative marking.
- Please read the instructions given for each question carefully and fill the correct answer against the question numbers on the answer sheet in the respective subject.
- Use blue or black ball point pen to darken the appropriate circle & mark should completely fill the circle.
- The Question paper contains blank spaces for your rough work. No additional sheet will be provided for rough work.
- Blank papers, Clipboards, Log Tables, Slide rule, Calculators, Cellular phones, Pagers and Electronic gadgets in any form are not allowed.
- Write your Name, Student ID in the block at the top of the Answer Sheet. Also write your Name & Student ID in the space provided on this cover page of question paper.
- **This is a Sample Test Paper Actual Paper Pattern may vary.**

Name: \_\_\_\_\_ Student ID \_\_\_\_\_

**Directions (Q. 1-10) :** What should come in place of question mark(?) in the following questions?

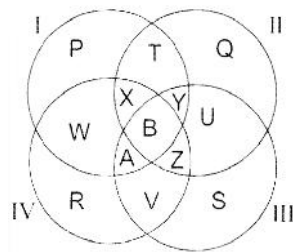
1.  $177 \times 17 \times 7 - 7077 = ?$   
(A) 13986 (B) 13286  
(C) 13869 (D) 13689
2.  $\frac{5}{8}$  of  $\frac{4}{9}$  of  $\frac{3}{5}$  of 666 = ?  
(A) 108 (B) 123  
(C) 111 (D) 129
3.  $19 + 35 \times 85 \div 17 = ?$   
(A) 194 (B) 270  
(C) 226 (D) 178
4.  $1107 \div 27 + (3)^4 = ?$   
(A) 122 (B) 45  
(C) 143 (D) 58
5.  $495 \times 38 - 1885 = ?$   
(A) 16695 (B) 16745  
(C) 16885 (D) 16925
6.  $43.34 + 44.33 + 343.43 = ?$   
(A) 456.01 (B) 428.9  
(C) 444.33 (D) 431.1
7.  $58321 + 69386 = ? + 37098$   
(A) 91619 (B) 90609  
(C) 92609 (D) 89619
8.  $10^{-3} = ?$   
(A) 0.001 (B) 0.0001  
(C) 0.01 (D) 1.01
9.  $5555 + 555 + 55 = ?$   
(A) 6555 (B) 6165  
(C) 6665 (D) 55555
10.  $-31 - 35 - 37 + 18 + 17 = ?$   
(A) 68 (B) -103  
(C) -138 (D) None of these

11. If U is denoted by 7, M by 2, I by 5, O by 1, K by 8 and J by 4, then what will be the numeric form of the word MOUJIK when written in the reverse order?  
(A) 217458 (B) 845712  
(C) 854712 (D) 857412
12. Dad gives you money every day to put in your new piggy bank. He gives money to you in such a way that the money in the piggy bank doubles with each passing day.  
Dad gives you 1 cent the first day, 2 cents the second day, 4 cents the third day and so on, then your piggy bank gets full on the 16th day.  
On which day will your piggy bank be half-full?  
(A) 8<sup>th</sup> (B) 10<sup>th</sup> (C) 12<sup>th</sup> (D) 15<sup>th</sup>
13. Bodo weighs 60 pounds more than his sister Rebecca. Their combined weight is 100 pounds. How many pounds does Bodo weigh?  
(A) 20 (B) 40 (C) 60 (D) 80
14. There is a village that has five fortune tellers. The first fortune teller's prediction has 84 % chance of being correct. The second has 58 % chance of being correct, the third 47 %, the fourth 33 %, and the fifth 6 %.  
If you were trying to get the best prediction of your future, which fortune teller would you go to?  
(A) 1st (B) 3rd  
(C) 4th (D) 5<sup>th</sup>
15. Fill in the blank - Earth, Jupiter, \_\_\_\_\_, Pluto  
(A) Uranus (B) Mercury  
(C) Mars (D) Venus
16. Fill in the blank- rocket, plane, \_\_\_\_\_, bicycle  
(A) cart (B) tricycle  
(C) spacecraft (D) train
17. In which of the following options the letters are in alphabetical order –  
(A) butterfly (B) iQuest  
(C) almost (D) reasoning



Space for Rough work

**Directions (Q. 18-19):** These questions are based on the following diagram. Study the diagram and its information given below it. Choose the correct alternative given below each question and mark the number of that choice as your answer.



Circle I represents the people who eat Vanilla ice cream.

Circle II represents the people who eat Tuti-Fruity ice cream.

Circle III represents the people who eat Butter Scotch ice cream.

Circle IV represents the people who eat cornetto ice cream.

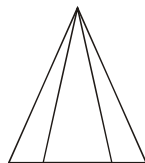
18. Which of the following represents the people who eat Vanilla ice cream as well as Tuti-Fruity but not any other ice cream ?

(A) T (B) P  
(C) Q (D) P and Q

19. Which of the following represents the people who eat all the four ice cream ?

(A) A (B) V  
(C) B (D) Z

**Directions (Q. 20):** Count the number of triangles in the given figure.



20.

(A) 6 (B) 8  
(C) 10 (D) 4

21. Given below are names of some animals:

(i) Goat (ii) Human beings  
(iii) Cockroach (iv) Eagle

Which of the above animals form a pair of omnivores?

(A) (i) and (ii) (B) (ii) and (iii)  
(C) (iii) and (iv) (D) (ii) and (iv)

22. Honeybee makes honey from

(A) pollen (B) petals  
(C) nectar (D) bub

23. Which one of the following food item does not provide dietary fibre?

(A) Whole grains (B) Whole pulses  
(C) Fruits and vegetables (D) Milk

24. Which of the following sources of protein is different from others?

(A) Peas  
(B) Gram  
(C) Soyabeans  
(D) Cottage cheese (paneer)

25. Priya wants to present her friend a gift made of plant-fibre. Which out of the following will she select?

(A) Jute bag (B) Woollen shawl  
(C) Silk saree (D) Nylon scarf

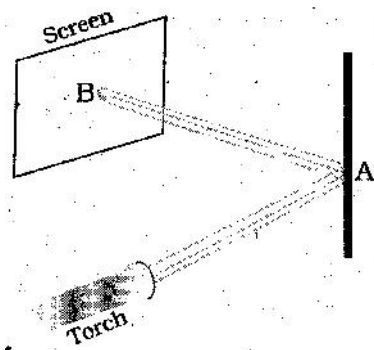
26. An iron nail is kept in each of the following liquids. In which case would it lose its shine and appear dull?

(A) Mustard oil (B) Soft drink  
(C) Coconut oil (D) Kerosene

27. Priya brought some vegetables such as french beans, lady s finger, green chillies, brinjals and potatoes all mixed in a bag. Which of the following methods of separation would be most appropriate for her to separate them?

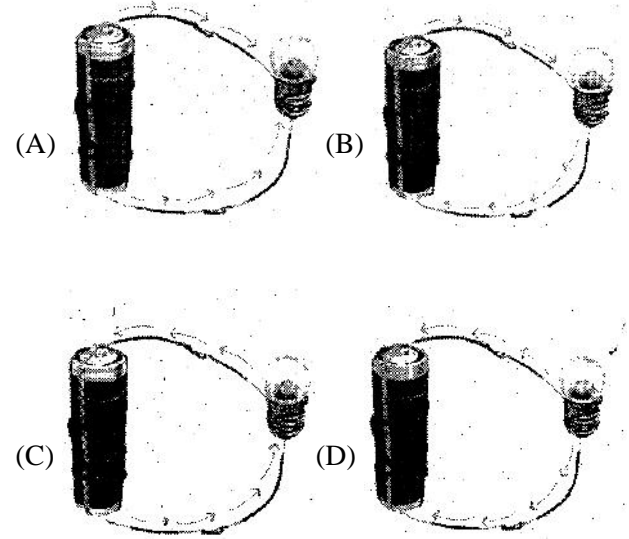
(A) Winnowing (B) Sieving  
(C) Threshing (D) Hand picking

28. Pick the change that can be reversed from the following  
 (A) Cutting of trees (B) Melting of ghee  
 (C) Burning of candle (D) Blooming of flower
29. Which of the following combination of features would you observe in grass?  
 (A) Parallel venation and fibrous root  
 (B) Parallel venation and tap root  
 (C) Reticulate venation and fibrous root  
 (D) Reticulate venation and tap root
30. Which of the following parts of body help us in movement?  
 (i) Bones (ii) Skin  
 (iii) Muscles (iv) Organs  
 Choose the correct answer from the option below.  
 (A) (i) and (iii) (B) (ii) and (iv)  
 (C) (i) and (iv) (D) (iii) and (ii)
31. Which of the following cannot be called a habitat?  
 (A) A desert with camels.  
 (B) A pond with fishes.  
 (C) A jungle with wild animals  
 (D) Cultivated land with grazing cattle.
32. The distance between Delhi and Mumbai is usually expressed in units of  
 (A) decametre (B) metre  
 (C) centimetre (D) kilometre
33. Observe the picture given in Figure carefully.

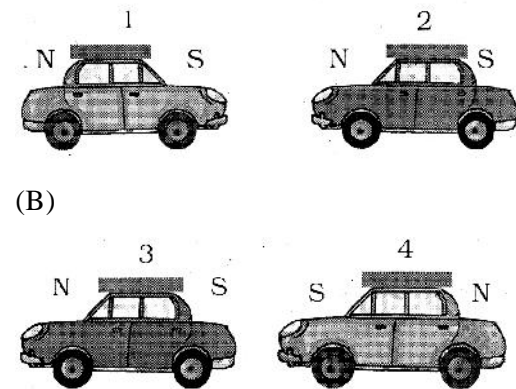


A patch of light is obtained at B, when the torch is lighted as shown. Which of the following is kept at position A to get this patch of light?

- (A) A wooden board (B) A glass sheet  
 (C) A mirror  
 (D) A sheet of white paper
34. Choose from the options A, B, C and D given in figure the figure which shows the correct direction of current.



35. Observe the picture a and b given in figure carefully.  
 (A)

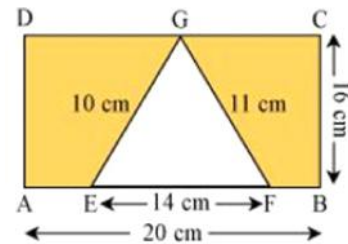


Which of the following statement is correct for the above given pictures?

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- (A) In A, cars 1 and 2 will come closer and in B, cars 3 and 4 will come closer.  
 (B) In A, cars 1 and 2 will move away from each other and in B, cars 3 and 4 will move away.  
 (C) In A, cars 1 and 2 will move away and in B, 3 and 4 will come closer to each other.  
 (D) In A, cars 1 and 2 will come closer to each other and in B, 3 and 4 will move away from each other.
36. Which of the following activity does not involve use of water?  
 (A) Washing clothes (B) Bathing  
 (C) Cleaning utensils (D) Drying wet clothes
37. Which of the following statements is incorrect?  
 (A) All living things require air to breathe.  
 (B) We can feel air but we cannot see it.  
 (C) Moving air makes it possible to fly a kite.  
 (D) Air is present everywhere but not in soil.
38. The method of preparing compost with the help of earthworms is called  
 (A) composting (B) vermicomposting  
 (C) manuring (D) decomposing
39. A girl had three burgers. She ate two burgers and then divided the last burger into four equal parts and ate three of those parts. How many burgers did she eat?  
 (A)  $\frac{3}{4}$  (B)  $\frac{7}{4}$   
 (C)  $\frac{9}{4}$  (D)  $\frac{11}{4}$
40. Rahul scored 96 marks out of 100 marks in a Mathematics test and 79 marks out of 100 marks in a Science test. What is the ratio of total marks obtained by Rahul in both the subjects to that of maximum marks?  
 (A) 7:8 (B) 9:10  
 (C) 17:20 (D) 33:40
41. What is the successor of the greatest negative integer?  
 (A) -1 (B) 0  
 (C) 1 (D) 2
42. The area of a playground is  $300 \text{ m}^2$ . The length of the playground is 2,000 cm. The width of the playground is  
 (A) .15 m (B) 15 m  
 (C) .15 cm (D) 15 cm
43. The number of shirts with A is four more than half the number of shirts with B. If A has  $s$  shirts, then which of the following expressions gives number of shirts with B?  
 (A)  $s/2 + 4$  (B)  $2(s-4)$   
 (C)  $4(s-2)$  (D)  $s/2 - 4$
44. For a rectangle with integral lengths of sides and  $196 \text{ m}^2$  area, the minimum perimeter is obtained by taking the length of the rectangle as  
 (A) 4 m (B) 7 m  
 (C) 14 m (D) 28 m
45. The given figure shows a rectangle ABCD such that  $\triangle EFG$  has been cut out of the rectangle. The perimeter of the remaining portion of the rectangle is



- (A) 52 cm (B) 75 cm  
 (C) 85 cm (D) 79 cm

# ANSWER KEY

## SECTION - A CALCULATION

- 
- |    |     |    |     |    |     |     |     |    |     |    |     |
|----|-----|----|-----|----|-----|-----|-----|----|-----|----|-----|
| 1. | (A) | 2. | (C) | 3. | (A) | 4.  | (A) | 5. | (D) | 6. | (D) |
| 7. | (B) | 8. | (A) | 9. | (B) | 10. | (D) |    |     |    |     |

## SECTION - B REASONING

- 
- |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 11. | (C) | 12. | (D) | 13. | (D) | 14. | (D) | 15. | (A) | 16. | (D) |
| 17. | (C) | 18. | (A) | 19. | (C) | 20. | (A) |     |     |     |     |

## SECTION - C SCHOLASTIC APTITUDE

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- |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 21. | (B) | 22. | (C) | 23. | (D) | 24. | (D) | 25. | (A) | 26. | (B) |
| 27. | (D) | 28. | (B) | 29. | (A) | 30. | (A) | 31. | (D) | 32. | (D) |
| 33. | (C) | 34. | (B) | 35. | (D) | 36. | (D) | 37. | (D) | 38. | (B) |
| 39. | (D) | 40. | (A) | 41. | (B) | 42. | (B) | 43. | (B) | 44. | (C) |
| 45. | (D) |     |     |     |     |     |     |     |     |     |     |



*Space for Rough work*



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