BIGBANG
EDGE TEST

SAMPLE PAPER
For Students presently in Class V

Paper 1 – MENTAL ABILITY

Duration : 105 minutes

Paper Code: 56-1

Maximum Marks : 105

Please read the instructions and guidelines carefully :

Important Note : Please ensure to accurately input the details for the Question Paper Code as indicated at the top of this sheet (Side 2) into the corresponding columns / fields on the OMR sheet before proceeding with the paper. Incorrectly filled information regarding the class or paper may result in inaccurate outcomes or results.

> *"This paper has been scientifically designed to evaluate your potential – manifested and hidden for the target examinations mentioned in various sections of the paper. Thus, your adherence to the instructions is critical in the evaluation of the same"*

1. This Question paper consists of 2 sections.

2. Student should devote allotted time for each section. If a section is easy, then it is easy for everyone & was meant to be like that with a goal in mind. Do not switch over to another section if you find the section to be easy. If a section is tough, then it is tough for everyone. You are advised to spend 45 Minutes on Section-I and 60 Minutes on Section-II. Dedicating the required time to finish each section successfully is essential. Opening the next section before completing the allotted time for the preceding section is not permitted. This adherence is crucial for assessing your true potential, as each section is meticulously crafted to evaluate your potential for the corresponding competitive examinations.

3. Candidate should open the seal of Section-II only after completing 45 minutes of Section-I.

4. Sheets will be given to each candidate for rough work. Candidate must fill all details on the rough sheet and submit the same to invigilator along with OMR sheet. Candidate must mention the Question No. while doing the rough work in the sheet.

5. Please note candidates are not allowed to bring any prohibited items into the exam hall such as electronic devices, mobile phones, smart watch, earphones, calculators, books, notes, formula sheets, and bags.

6. Marking scheme is given in table below:

Section	Subject	Question no.	Marking Scheme for each question	
			Correct answer	**Wrong answer**
SECTION – I **(NTSE)** **Time Allotted: 45 Minutes**	**MENTAL ABILITY**	**1 to 15**	**+3**	**0**
SECTION – II **High Order Thinking Skill** **(Olympiad & JEE Main)** **Time Allotted: 60 Minutes**	**MENTAL ABILITY**	**16 to 35**	**+3**	**0**

Section – I

Time: 45 Minutes

MENTAL ABILITY

1. A is mother of B but B is not son of A. Then how is B related to A?
   (A) Brother (B) Daughter
   (C) Son (D) Daughter-in-law

2. Arrange the words given below in a meaningful sequence.
   1. Police   2. Punishment   3. Crime   4. Judge   5. Judgement
   (A) 3, 1, 2, 4, 5 (B) 1, 2, 4, 3, 5
   (C) 5, 4, 3, 2, 1 (D) 3, 1, 4, 5, 2

3. If – means ×, × means +, + means ÷ and ÷ means –, then $14 - 10 \times 4 \div 16 + 8 = ?$
   (A) 142 (B) 134
   (C) 6 (D) 5

4. Bank is related to Money in the same way as Transport is related to
   (A) Goods (B) Wheel
   (C) Traffic (D) Speed

5. In a certain code KAVERI is written as IREVAK, then how is MYSORE written in that same code?
   (A) EROSYM (B) EROYSM
   (C) SYMERO (D) SMYREO

6. Ravi is eighteenth from left and nineteenth from right in a row. How many students in a row?
   (A) 36 (B) 37
   (C) 35 (D) 38

Comprehension for Q. No. 7 to 9

In each of the following questions, a number series is given with one term missing. Choose the correct alternative that will continue the same pattern.

7. 3, 6, 11, 18, 27, ?
   (A) 37 (B) 36
   (C) 38 (D) 40

8. 0, 2, 6, 14, 30, ?
   (A) 58 (B) 62
   (C) 68 (D) 60

9. 4, 12, 36, 108, ?
   (A) 144 (B) 216
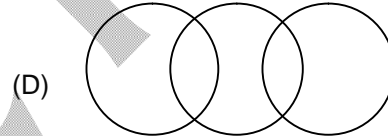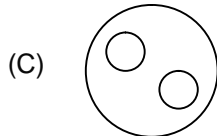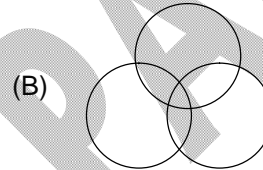   (C) 304 (D) 324

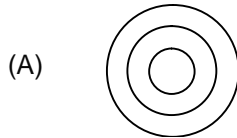**Comprehension for Q. No. 10 to 12**

Find the odd one from the alternative.

10. (A) 89   (B) 97
     (C) 79   (D) 69

11. (A) A   (B) E
     (C) O   (D) V

12. (A) January   (B) March
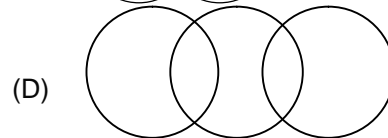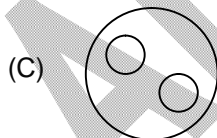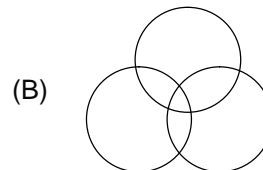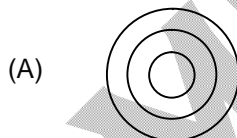   (C) December   (D) June

Comprehension for Q. No. 13 to 15

Each of these questions given below contains three elements. These elements may or may not have some inter linkage. Each group of elements may fit into one of these diagrams at (A), (B), (C), (D). You have to indicate the group of elements which correctly fits into the diagrams.
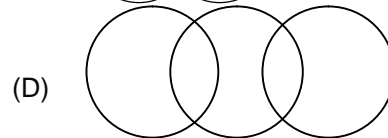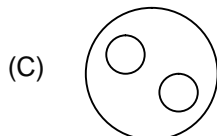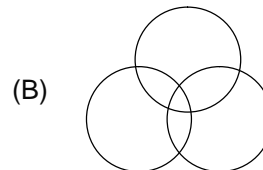
13. Fruit, Apple, Mango

(A)   (B)

(C)   (D)

14. Boy, Student, Player

(A)   (B)

(C)   (D)

15. Travellers, Trains, Bus

(A)   (B)

(C)   (D)

Section – II

Time: 60 Minutes

MENTAL ABILITY

*This section contains **11 Multiple Choice Questions** number **16 to 26**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

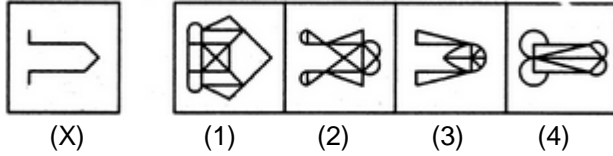16. Pankaj walks 5 km in East, then he turn to his right and travels 2 km. Now in which direction he is?
    (A) South   (B) North
    (C) East   (D) West

17. In each of the following questions, you are given a figure (X) followed by four alternative figures (1), (2), (3) and (4) such that figure (X) is embedded in one of them. Trace out the alternative figure which contains fig. (X) as its part. Find out the alternative figure which contains figure (X) as its part.

      (X)   (1)   (2)   (3)   (4)
    (A) 1   (B) 2
    (C) 3   (D) 4

18. If orange is called butter, butter is called soap, soap is called ink, ink is called honey and honey is called orange, which of the following is used for washing clothes ?
    (A) Honey   (B) Butter
    (C) Orange   (D) Ink

19. Read the following information and answer the question given below it :-
    (1) A × B means 'A is mother of B'.   (2) A + B means 'A is sister of B'.
    (3) A – B means 'A is father of B'.   (4) A ÷ B means 'A is brother of B'.
    In the expression, M – D + K. How is D related to M ?
    (A) Mother   (B) Sister
    (C) Daughter   (D) Son

20. In the following question given below is a sequence in which some letters are missing. From the choices, select the choice that gives the letters that can fill the blanks in the given sequence.
    nc _ ln _ clncc _ nc _ l _ ccl
    (A) cclcc   (B) ccncc
    (C) clclc   (D) cclcn

21. 72 × 19 = 23, 13 × 48 = 35 and 16 × 43 = 18. Then the value of (39 × 22) = ?
    (A) 31   (B) 51
    (C) 21   (D) 27

22. Find this missing number from the following alternatives.
    512, 49, 216, 25, ?
    (A) 8   (B) 27
    (C) 64   (D) 36

23. In a certain code, 15789 is written as XTZAL and 2346 is written as NPSU. How is 23549 written in that code ?
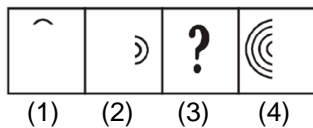(A) NPTUL (B) PNTSL
(C) NPTSL (D) NBTSL

24. Find out the alternative figure which contains figure (X) as its part.
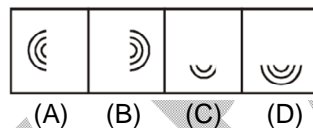

(X) (1) (2) (3) (4)
(A) 1 (B) 2
(C) 3 (D) 4

25. In each of the following questions, there is a set of four figures labelled 1, 2, 3 and 4 called the Problem Set followed by a set of four other figures labelled A,B,C and D called the Answer Set. Fig. (3) contains a question mark. Select a suitable figure from the Answer Set which will substitute this question mark so that a series is formed by the figures 1, 2, 3 and 4 taken in order. The number of the selected figure is the answer.
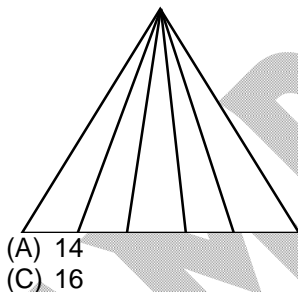
PROBLEM FIGURES   **ANSWER FIGURES**

(1) (2) (3) (4)   (A) (B) (C) (D)

26. Find the number of triangles

(A) 14 (B) 15
(C) 16 (D) 10

*This section contains **THREE (03)** comprehensions. Based on each comprehension, there are **THREE (03)** questions of **Multiple Choice Questions**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

Comprehension for Q. No. 27 to 29

In a certain code 'always create new ideas' is written as 'ba ri sh gi', 'idea and new thoughts' is written as 'fa gi ma ri', 'create thoughts and insights' is written as 'ma jo ba fa', 'new and better solution' is written as 'ki ri to fa'.

27. What is code for 'ideas'?
(A) sha (B) gi
(C) ba (D)ma

28. What does 'fa' stand for?
(A) thoughts (B) insights
(C) new (D) and

29. What is code for new
    (A) sha
    (B) gi
    (C) ri
    (D) ba

Comprehension–2 for Q. No. 30 to 32

Study the following information carefully and answer the questions given below:
In a group of five persons A, B, C, D and E.
(i) B and C are intelligent in Maths and Geography.
(ii) A and C are intelligent in Maths and History.
(iii) B and D are intelligent in Science and Geography.
(iv) D and E are intelligent in Science and Civics.
(v) E is intelligent in Civics, History and Science.

30. Who is intelligent in Science, Geography and Civics?
    (A) E
    (B) B
    (C) D
    (D) A

31. Who is intelligent in Math, Science, Geography?
    (A) A
    (B) B
    (C) D
    (D) E

32. Who is intelligent in Maths and History but not in Geography?
    (A) A
    (B) B
    (C) C
    (D) D

Comprehension–3 for Q. No. 33 to 35

Study the following arrangement carefully and answer the question given below:

B K 5 # M A 3 R % J 2 D E N @ 7 W 8 © 9 P T I V F 6 1 H Q * Y 4 $ L Z

33. Which will be eight from left to the second from right end in the above arrangement?
    (A) W
    (B) ©
    (C) 5
    (D) 6

34. If all the number in the above arrangement are remove, then which will be twelfth from left end?
    (A) @
    (B) P
    (C) I
    (D) N

35. What will come at the place of question mark (?) in the following series?
    K # M, 3 % J, D N @, W © 9, ?
    (A) TV6
    (B) TIF
    (C) F1*
    (D) None of these

BIGBANG
EDGE TEST

SAMPLE PAPER
For Students presently in Class V

Paper 1 – MENTAL ABILITY

Paper Code: 56-1

ANSWER KEYS

1.	**B**	2.	**D**	3.	**A**	4.	**A**
5.	**A**	6.	**A**	7.	**C**	8.	**B**
9.	**D**	10.	**D**	11.	**D**	12.	**D**
13.	**C**	14.	**B**	15.	**D**	16.	**A**
17.	**D**	18.	**D**	19.	**C**	20.	**D**
21.	**A**	22.	**C**	23.	**C**	24.	**B**
25.	**D**	26.	**B**	27.	**B**	28.	**D**
29.	**C**	30.	**C**	31.	**B**	32.	**A**
33.	**D**	34.	**A**	35.	**D**		