

**Indian Institute of Management Rohtak**

**IIMR Entrance Test  
Sample Questions**

**INSTRUCTIONS:**

Every question carries a value of one mark.

**SECTION A-Logical Reasoning**

1. If  $Q=17$  and  $BAT=23$ , then  $RAT=?$

- A. 37
- B. 39
- C. 28
- D. 27

2. If  $D+E$  means  $D$  is the father of  $E$ ;  $D-E$  means  $D$  is the wife of  $E$  and  $D * E$  means  $D$  is the sister of  $E$ , then what is the relation of  $M$  to  $N$  in  $M+O-N$ ?

- A. Father
- B. Mother
- C. Father-in-law
- D. Aunt

3. Complete the series by replacing '?' mark.

$B5Y C4X D3W E2V ?$

- A.  $F1T$
- B.  $F1U$
- C.  $E2V$
- D.  $F2U$

4. Statements:

All bats are cats

Some cats are rats

Conclusion:

- 1. All cats are bats
- 2. Some rats are bats

- A. If only conclusion 1 is correct
- B. If only conclusion 2 is correct
- C. If both conclusions are incorrect
- D. If both conclusions are correct

5. If  $LM$  means  $L$  is the brother of  $M$ ;  $L/M$  means  $L$  is the mother of  $M$  and  $L+M$  means  $L$  is the daughter of  $M$ , then what is the relation of  $R$  to  $P$  in  $PQ/R$ ?

- A. Niece
- B. Nephew
- C. Cousin
- D. Cannot be determined

### **SECTION B-Quantitative Aptitude**

1. At what rate per cent per annum will a sum of Rs.1,000 amounts to Rs.1,102.50 in 2 years at compound interest?
  - A. 6.50%
  - B. 5%
  - C. 6%
  - D. 5.50%
2. By selling a bicycle for Rs. 2,850, a shopkeeper gains 14%. If the profit is reduced to 8%, then the selling price will be:
  - A. Rs. 2600
  - B. Rs. 2700
  - C. Rs. 2800
  - D. Rs. 3000
3. The average age of a family of 24 members is 132 years. If the age of the youngest member is 22 years, the average age of the family at the birth of the youngest member was?
  - A. 75
  - B. 110
  - C. 100
  - D. 95
4. A boat takes 27 hrs to travel a distance upstream and takes 9 hrs to travel the same distance downstream. If the speed of the boat in still water is 12 km/hr, then what is the velocity of the stream?
  - A. 8 km/hr
  - B. 6 km/hr
  - C. 4 km/hr
  - D. None of these
5. Six boys and five girls can do a job in 8 days. When seven boys and ten girls work on the same job, the work gets completed in 5 days. How many days will a boy take to do the job, if he works alone on it?
  - A. 25
  - B. 50
  - C. 75
  - D. 100

### **SECTION C-Language and Communication**

#### ***SENTENCE CORRECTION:***

1. I need not offer any explanation regarding this incident- my behaviour is speaking itself.
  - a) will speak to itself
  - b) speaks for itself
  - c) speaks about itself
  - d) No correction required
2. The population of Tokyo is greater than that of any other town in the world.
  - a) greatest among any other
  - b) greater than all other
  - c) greater than those of any other
  - d) No correction required

#### ***MEANING OF STATEMENTS AND STATEMENT COMPLETION:***

3. "Anand stuck up a friendship with Mahesh in just 2 days" means...
  - a) Anand friendship with Mahesh came to an end recently
  - b) Anand found out the other friends of Mahesh
  - c) Anand fixed a deal with Mahesh in 2 days

