







# Live Leak - IBPS RRB Officer Scale I Model Question Paper Prelims 2017 Based on Expected Pattern

- Q1) Ritu's quarterly income is equal to the cost of 68 kg of nuts. Cost of 5 kg of nuts is equal to the cost of 20 kgs of apples. If cost of 12 kg of apples is Rs. 1800, what is Ritu's annual salary? (At some places annual income and at some place quarterly income are given)
  - 1. Rs. 1 lac 20 thousand 4 hundred
  - 2. Rs. 2 lac 44 thousand 8 hundred
  - 3. Rs. 2 lacs 20 thousand
  - 4. Cannot be determined
  - 5. None of these
- Q2) Suresh scores an aggregate of 64%, scoring an average of 60% in 4 subjects and 72% in others. If all the tests were of equal marks, In total there were how many subjects?
  - 1. 2
  - 2. 4
  - 3. 5
  - 4. 6
  - 5. 7
- Q3) Hariprasad and Madhusudan started a business, investing sums in the ratio of 2:3. If Hariprasad had invested an additional amount of Rs. 10,000, the ratio of Hariprasad's investment to Madhsudan's investment would have been 3:2. What was the amount invested by Hariprasad?
  - 1. Rs. 8000
  - 2. Rs. 12000











- 3. Rs. 9000
- 4. Data inadequate
- 5. None of these

Q4) Jack and Jill have Rs. 12000 each. Both of them invest their money in compound interest at a rate of 20% per annum for one year. Interest gets compounded after a year in Jill's investment. However, in case of Jack, interest is compounded half yearly. Who will get more interest and by how much?

- 1. Jack gets Rs. 120 more
- 2. Jill gets Rs. 120 more
- 3. Jill gets Rs. 60 more
- 4. Cannot be determined

Q5) In a chain of item supply, the manufacturer sells to wholesaler at 20% profit. The retailer buys from wholesaler and sells to customer at 10% profit. As a result, an item produced by manufacturer for Rs. 100 is sold to customer at Rs. 155. At what profit wholesaler sells to retailer?

- 1. 15.15%
- 2. 12.33%
- 3. 17.72%
- 4. 18.72%
- 5. 20%

Q6) Ginny bought a scooter at Rs. 30000, and sold it to Honey at a loss of 20%. Later, Ginny bought the scooter back from Honey at Rs. 28000. At what profit should Ginny sell the scooter now to compensate his losses?

- 1. 35.71%
- 2. 20%
- 3. 30%
- 4. 22.22%













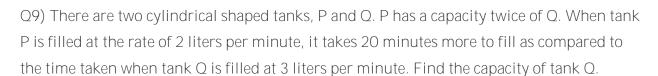
5. 24.73%

Q7) Vinay and Atul started a business, investing amounts in the ratio 4:5. If Vinay had invested an additional amount of Rs. 29000 the ratio of Vinay's investment to Atul's investment would have been 9: 4. What was the amount invested by Vinay?

- 1. Rs. 16,000
- 2. Rs. 12,000
- 3. Rs. 9,000
- 4. Rs. 10,000
- 5. Data inadequate

Q8) Two spinning machines P and Q can together produce 3,60,000 metres of cloth in 10 hours, if machine Q alone can produce the same amount of cloth in 18 hours, then how much cloth can machine P alone produce in 10 hours?

- 1. 2,00,000 metres
- 2. 1,60,000 metres
- 3. 16,000 metres
- 4. 1,00,000 metres
- 5. 1,50,000 metres



- 1. 30 liters
- 2. 60 liters
- 3. 120 liters
- 4. 90 liters
- 5. 45 liters











Q10) Rahman has to make a journey of 72 km. He rides by scooter at 12 km/hr. After going certain distance, the scooter got punctured and he walks the remaining distance at 4.5 km/hr. Where the scooter did get punctured if total time taken for the journey was 8.5 hours?

- 1. 18 km
- 2. 54 km
- 3. 36 km
- 4. 48 km
- 5. None of these

Q11) Two trains A and B are running on parallel tracks in same direction. Length of train A is twice that of train B. Both trains take an equal amount of time to cross a pole individually. If speed of train B is 60 km/hr and its length is 400 metres, then how much time will train A take to completely overtake train B?

- 1. 24 seconds
- 2. 36 seconds
- 3. 48 seconds
- 4. 54 seconds
- 5. 72 seconds

Q12) The perimeter of a rectangle and equilateral triangle are same. Also, one of the sides of the rectangle is equal to the side of the triangle. The ratio of the area of the rectangle and the triangle is:

- 1.  $\sqrt{2:1}$
- 2.  $\sqrt{3:4}$
- 3.  $\sqrt{3:1}$
- 4.  $1:\sqrt{3}$
- 5.  $2:\sqrt{3}$













Q13) A bag contains 7 blue coloured balls, 8 yellow coloured balls and 5 green coloured balls. In how many ways can three balls be picked from the bag so that we get balls of exactly two different colours?

- 1. 273
- 2. 469
- 3. 759
- 4. 829
- 5. 909

Q14) What will come in place of question mark (?) in the following number series?

- 3, 12, 27, 48, 75, 108, ?
  - 1. 144
  - 2. 169
  - 3. 132
  - 4. 121
  - 5. 147



Q15) What will come in place of question mark (?) in the following number series?

- 20, 10, 28, 30, 10, ?
  - 1. 38
  - 2. 39
  - 3. 40
  - 4. 37
  - 5. 42

Q16) What will come in place of question mark in the following number series?

- 16, 14, 24, 66, 256, 1270, ?
  - 1. 8893

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- 2. 7864
- 3. 5678
- 4. 7608
- 5. 3357

Q17) In the following series, what will come in place of (?)?

144, 173, 140, 169, 136, (?)

- 1. 157
- 2. 148
- 3. 164
- 4. 132
- 5. None of these

Q18) In the following number series, only one number is wrong. Find out the wrong number.

33, 321, 465, 537, 573, 590, 600

- 1. 321
- 2. 465
- 3. 573
- 4. 537
- 5. 590

Q19) Two metals A and B are used to make two different alloys. The ratio by weight of A: B in the first alloy is 5: 7 and that in the second is 4: 3, how many kgs of the second metal must be mixed with 24 kg of the first alloy and 7 kg of the second so as to get 40% of A?

- 1. 7 kg
- 2. 10 kg
- 3. 15 kg
- 4. 8 kg

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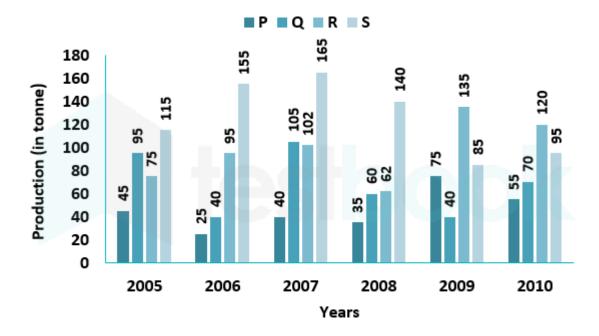
5. 4 kg

Q20) Out of 5 females and 4 males, 3 people are to be selected for a quiz contest. Find the probability that all the selected are females.

- 1. 17/31
- 2. 6/19
- 3. 20/29
- 4. 7/40
- 5. 5/42

Q21-25) Direction: Answer the questions based on the following graph.

Following bar graph shows the production (in tonne) of four products P, Q, R and S by a company from the years 2005 to 2010.



Q21) In which year the annual total production (of all products) is second highest?

- 1. 2006
- 2. 2007











- 3. 2008
- 4. 2010
- 5. 2009

Q22) If the stability of the production during 2005 to 2010 is defined as (Average Production)/(Maximum Production)- (Minimum Production) Then which product is second most stable?

- 1. P
- 2. Q
- 3. R
- 4. S
- 5. More than one above

Q23) If four products P, Q, R and S shown in the graph are sold at price of Rs. 9, 4, 13 and 3, respectively during 2005-10, then the total revenue of all the products is the highest in which year?

- 1. 2006
- 2. 2007
- 3. 2008
- 4. 2009
- 5. None of these

Q24) Individual revenue of P, Q, R and S for the entire period (2005-10) is calculated based on the price of Rs. 9, 4, 13 and 3, respectively. Which product fetches the lowest revenue?

- 1. P
- 2. Q
- 3. R
- 4. S
- 5. Cannot be determined













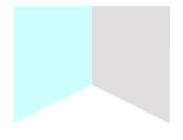
Q25) For products P, Q, R and S shown in the graph are sold at price of Rs. 9, 4, 13 and 3, respectively during 2005-10. Which of the following statements is true?

- 1. Product R fetches second highest revenue across products
- 2. Sum of revenue of P, Q and S is more than the revenue of R in 2009
- 3. Cumulative revenue of P and Q is more than the revenue of S in 2008.
- 4. a and b both
- 5. None of the above

Q26-30) Directions: Study the following pie-chart carefully and answer the questions given below.

Number of students studying various disciplines in an institute during the years 2001 and 2002

Total number of students in year 2001 = 1800



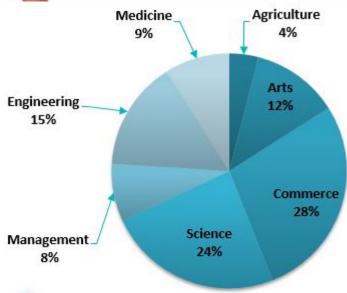




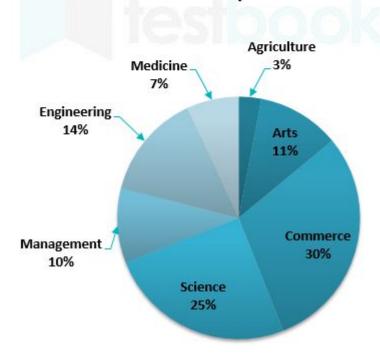








#### Total number of students in year 2002 = 2200



Q26) What is the ratio between number of students studying Agriculture in years 2001 and 2002 respectively?

1. 11:12













- 2. 4:3
- 3. 12:11
- 4. 8:9
- 5. None of these

Q27) What is the approximate percentage increase/decrease in number of students studying Management from year 2001 to 2002?

- 1. 52% increase
- 2. 52% decrease
- 3. 34% increase
- 4. 34% decrease
- 5. None of these

Q28) The number of students studying Commerce and Science together in the year 2001 is what per cent of that number of studying both disciplines in the year 2002?

- 1. 77
- 2. 80
- 3. 75
- 4. 82
- 5. None of these

Q29) The number of students studying Engineering in the years 2001 and 2002 is what per cent of the total number of students studying all disciplines during these two years?

- 1. 13.25
- 2. 23
- 3. 14.5
- 4. 14.45
- 5. None of these













Q30) What is the ratio between the number of students studying Medicine in year 2001 and that of students studying Arts in year 2002?

- 1. 11:12
- 2. 32:55
- 3. 8:12
- 4. 36:55
- 5. None of these

Q31-35) Directions: Study the information carefully to answer the question that follows

In an annual function, 504 children participated. The ratio of the number of girls to the number of boys is 5: 3 respectively. Out of the total girls, 20% participated in dance and remaining girls participated in solo song, group song and drama in the ratio of 2: 3: 4. Two – third of the total boys participated in group song and the remaining boys participated in solo song and dance in the ratio of 4:5.

Q31) What is the difference between the number of boys and that of girls who have participated in dance?

- 1. 63
- 2. 35
- 3. 28
- 4. 126
- 5. None of these

Q32) What is the ratio of the number of boys to the number of girls who have participated in solo song?

- 1. 1:2
- 2. 2:1
- 3. 4:3
- 4. 3:2











5. None of these

Q33) What is the total number of girls who have participated in group song and drama together?

- 1. 192
- 2. 195
- 3. 184
- 4. 168
- 5. 196

Q34) What is the approximately percentage of the girls who participated in solo song out of the total participants?

- 1. 11%
- 2. 15%
- 3. 6%
- 4. 20%
- 5. 18%



Q35) What is the approximate percentage of the boys who have participated in dance out of the total number of boys?

- 1. 19%
- 2. 23%
- 3. 16%
- 4. 27%
- 5. 14%

Q36) What should come in place of question mark (?) in the following given question?

(9.11% of 936) - (12.5% of 498) = ?

1. 22.0176









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- 2. 21.0186
- 3. 23.0196
- 4. 19.0206
- 5. None of these

Q37) Find the value of

## $\frac{0.1 \times 0.1 \times 0.1 + 0.02 \times 0.02 \times 0.02}{0.2 \times 0.2 \times 0.2 + 0.04 \times 0.04 \times 0.04}$

- 1. 1/4
- 2. 3/8
- 3. 2/5
- 4. 1/8
- 5. None of these

Q38) Find the value of a in the given expression:

### $12 \times 35\% \ of \ 1000 - \sqrt[3]{117649} \div 7 = a + 32$

- 1. 4200
  - 2. 4161
  - 3. 4140
  - 4. 4102
  - 5. 4121

Q39) Find the value of,

$$(200 - 10^2) \div 5 - 2000\%$$
 of 15 ÷ 300% of 10

- 1. 5
- 2. -5

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- 3. 10
- 4. 0
- 5. None of these

Q40) What will come in place of the question mark (?) in the following question?

$$(80 \times 0.40)^3 \div (40 \times 1.6) \times (128)^3 = (2)^{7+7}$$

- 1. 23
- 2. 11
- 3. 12
- 4. 18

Q41-45) Directions: Read the information given below and answer the questions that follow.

There is a group of seven persons A, M, C, P, E, F, and R. There are four males, three females, two married couples in the group. The seven persons are seated in a row on the bench and their professions are: Teacher, Mechanic, Carpenter, Dentist, Police, Painter and Guitarist.

Teacher is married to the Mechanic, who is the least intelligent of the group. P is sitting on the leftmost corner. On the bench, followed by P, there are three females sitting in succession. The Guitarist is sitting on the rightmost corner of the bench. P is a Painter. M is not married and another person, the Dentist, is the most intelligent. The carpenter is married to C. The Dentist is a female. There are as many more intelligent persons than the Teacher as there are less intelligent. The Guitarist is more intelligent than the Painter, who is more intelligent than only one person, F. Neither A nor R is a female. C is the second most intelligent of the group, followed on the bench by her husband. The least intelligent of the group is sitting on the immediate right of P, followed by the most intelligent.

Q41) Who is sitting on the immediate right of P? 15 | P a g e









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- 1 C
- 2. E
- 3. F
- 4. Can't say
- 5. None of these

Q42) Which of these represents the correct order of intelligence (in the increasing sequence)?

- 1. FME
- 2. CFP
- 3. EMC
- 4. FMP
- 5. None of these

Q43) Who is Teacher among them?

- 1. A
- 2. R
- 3. A or R
- 4. E or C
- 5. Mor R

Q44) Who is least intelligent among them?

- 1. F
- 2. E













- 3 Δ
- 4. R
- 5. Can't say

Q45) Who are married?

- 1. A and M
- 2. Fand C
- 3. E and M
- 4. Fand E
- 5. None of the above

Q46-48) Direction: Read the following information and answer below questions.

There are five mobiles Lenovo, Samsung, Apple, MI and Nokia are placed.

Each of them is of different weight.

Weight of Lenovo is twice of Samsung.

Samsung weights 8 and half times of Apple.

Apple weights half of MI.

MI weights half of Nokia.

The weight of Nokia is less than Lenovo but more than Apple.

Q46) Which of the following is of the lightest weight?

- 1. Lenovo
- 2. Samsung
- 3. Apple











- 4 1/1
- 5. Nokia

Q47) Which of the following is the heaviest among all?

- 1. Lenovo
- 2. Samsung
- 3. Apple
- 4. MI
- 5. Nokia

Q48) Nokia is heavier than which of following pair?

- 1. Samsung, MI
- 2. Apple, MI
- 3. Apple, Samsung
- 4. Lenovo, Samsung
- 5. Samsung, Apple

Q49-50) Directions: The following questions are based on the five four letter words given below

#### THEN GONE EXAM HOUR GATE

(Note: The words formed after performing the given operations may or may not be meaningful English words.)

Q49) If the first and last letters of every word are interchanged and the second and third letters of each word are also interchanged then which word comes 3<sup>rd</sup> when arranged as per dictionary order?











- 1. THEN
- 2. GONE
- 3. EXAM
- 4. HOUR
- 5. GATE

Q50) If the letters in the odd places are changed to the next letter of the alphabetical series and the letters in the even places are changed to the previous letter of the alphabetical series then how many consonants are there in the 4th word when all the words are arranged as per dictionary order?

(Note: If the letter is A then consider its previous letter as Z, if the letter is Z then consider its next letter as A.)

- 1. 1
- 2. 2
- 3. 3
- 4. 4
- 5. None of these

Q51) Directions: In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is /are definitely true and then give your answers accordingly.

Statement:  $Y \le U \le Z \le X$ ;  $S > Z \ge F \ge U$ ; Z = Q; W < Z

Conclusion:

#### I. $X \ge Y$

II. Z being equal to U is a possibility









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III. Z > U

#### IV. $W \le S$

- 1. Only II is true
- 2. Both I and II are true
- 3. Both II and III are true
- 4. All are true
- 5. None is true

Q52) Directions: In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is /are definitely true and then give your answers accordingly.

Statement:  $B > L > O \ge V$ ;  $C < V \le X \le O$ ; L < N < M > B

Conclusions:

I.V > M

II. L = N

III. O > N

- IV. M is the largest
  - 1. All are true
  - 2. Both II and IV are true
  - 3. Both II and III are true
  - 4. Only IV is true
  - 5. None is true











Q53) Directions: In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is /are definitely true and then give your answers accordingly.

Statement:  $C < D \le F = E \le B$ ;  $G < D \le H \le K \le B$ ; C < N > H

Conclusion:

- I. K being equal to G is not a possibility
- II. B being greater to N is not a possibility

III. B > G

- IV. F being greater to H is not a possibility
  - 1. Both III and IV are true
  - 2. Both II and IV are true
  - 3. Only III is true
  - 4. None is true
  - 5. Only I is true

Q54) Directions: In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is /are definitely true and then give your answers accordingly.

Statement: N > O > P > E;  $C \le I < P$ ; K = I; L > P

Conclusions:

1.1<0

II. P > L

III.I > P











IV. O > N

- 1. Only I is true
- 2. All are true
- 3. Only III is true
- 4. I, II and III are true
- 5. Both I and III are true

Q55) Directions: In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is /are definitely true and then give your answers accordingly.

Statement: G > P > Z > C;  $R \ge K \ge P > M \ge Z$ ; D < Z < T

Conclusion:

I.  $R \ge Z$ 

H.G > T

III. K > M

IV.Z > K

- 1. Only III is true
- 2. Only IV is true
- 3. Only conclusion I and III are true
- 4. I and either of II or III is true
- 5. All are true

Q56-60) Direction: Read the given information and answer below question.











Ten students namely A, B, C, D, E, P, Q, R, S and T from a banking coaching institute but not necessarily in the same order have an exam on five different days starting from Monday to Friday of the same week. Students have exam at two different time slot 8:45 AM and 12:45 PM. S has an exam on Tuesday at 08:45 AM. The number of people who have exam between Q and D is same as the number of people who have exam between C and R. B's exam day is immediately before S. S does not have exam on any of the days before Q. There is one student who have exam at 08:45 AM immediately before T. R does not have exam at 12:45 PM. D does not have exam on any of the days after E. Only three people have exam between Q and E. Neither Q nor E does have any exam on Friday. Only 2 people have exam between P and T. P does not have any exam on any of the day after R.

Q56) Which is group of people whose exam slot is 8:45 AM?

- 1. Q, S, E, P, R
- 2. Q, S, A, P, R
- 3. Q, S, E, P, T
- 4. Either 1) or 2)
- 5. None of these

Q57) What is Time and day for exam of A?

- 1. Thursday 8:45 AM
- 2. Thursday 12:45 PM
- 3. Friday 8:45 AM
- 4. Friday 12:45 PM
- 5. None of these

Q58) How many people have exam between A and S?

1. 1











- 2 1
- 3. 3
- 4. Can't be determined
- 5. None of these

Q59) Whose exam is on Friday?

- 1. Rand T
- 2. A and P
- 3. Rand A
- 4. Either 2 or 3
- 5. None of these

Q60) Which of the following statement is definitely False?

- 1. S exam on Tuesday
- 2. D exam on Tuesday
- 3. R exam on Friday
- 4. P exam on Monday
- 5. All are true

Q61-65) Direction: Read the given information and answer below question.

Eight People – A, B, C, D, E, F, G and H lives on eight different floors of building (but not necessarily in the same order). The lowermost floor of the building is numbered one, the one above that is numbered two, and so on till the topmost floor is numbered eight. Each one of them knows a different foreign language, namely Italian, Polish, French, Chinese, German, Danish, Swedish and Thai, but not necessarily in the same order.











F lives on an odd numbered floor above the floor numbered four. Only one person lives between F and the one who knows French. The number of people living above F's floor is same as the number of people living between F and D. Only three people live between D and the one who knows Danish. C lives on one of the odd numbered floors above the one who knows Danish.

Only two people lives between C and the one who knows Italian. The one who knows Swedish lives immediately above G, G knows neither Danish nor Italian. E does not know Swedish. Only three people live between G and A. The one who knows Thai lives immediately above the one who knows Polish, but not on the topmost floor. Only one person lives between the one who knows Thai and H. Only one person lives between B and the one who knows German.

Q61) Who is staying in 3rd floor?

- 1. Person who know Swedish
- 2. B
- 3. A
- 4. Person who know Thai
- 5. None of these

Q62) How many people staying in between person who knows Thai and C?

- 1. 2
- 2. 3
- 3. 1
- 4. 4
- 5. None of these

Q63) How many floors are between C and G?











- 1 2
- 2. 6
- 3. 4
- 4. 5
- 5. None of these

Q64) Which of the following conclusion is False?

- 1. A 3 Thai
- 2. C-7 Swedish
- 3. G 6 German
- 4. H-4-Italian
- 5. None of these

Q65) Which of the following statement is true?

- 1. A live Immediate below to person who know Thai.
- 2. B live Immediate below to person who know French.
- 3. G live Immediate below to person who know Swedish.
- 4. H Live immediate above A.
- 5. All are true

Q66-67) Directions: Read the following information carefully and answer the questions given below.

In a joint family of seven persons L, M, N, O, P, Q and R two are married couples. 'R' is a housewife and her husband is a lawyer. 'N' is the wife of 'M', 'L' is an engineer and is the











granddaughter of 'R', and 'O' is the father-in-law of 'N', a doctor, and father of 'P', a professor. Q' is L's brother and M's son.

Q66) How is Q related to O?

- 1. Grand father
- 2. Uncle
- 3. Grandson
- 4. Son
- 5. Data inadequate

#### Q67) Who is M's father?

- 1. 0
- 2. R
- 3. N
- 4. Data inadequate
- 5. None of these

Q68) A child is looking for his father. He went 90 meters in the East before turning to his right. He went 20 meters before turning to his right again to look for his father at his uncle's place 30 meters from this point. His father was not there. From here he went 100 meters to the North before meeting his father in a street. How far did the son meet his father from the starting point?

- 1. 80 meters
- 2. 100 meters
- 3. 140 meters
- 4. 260 meters

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5. None of these

Q69-73) Directions: Study the following information and answer the following questions:

In a certain code language

'politics is not finance' is written as 'sa ma ho ga'.

'demand and supply politics' is written as 'jo ta pa sa'.

'finance makes only part' is written as 'zi ma na ki'.

'demand makes supply politics' is written as 'zi jo sa ta'.

Q69) What is the code for "finance" in the given code language?

- 1. ga
- 2. jo
- 3. pa
- 4. ta
- 5. ma

Q70) What is the code for 'supply' in the given code language?

- 1. Only jo
- 2. Either pa or jo
- 3. Only pa
- 4. Either jo or ta
- 5. None of these

Q71) How many such digits are there in the number 64382179 each of which is as far away from the beginning of the number as when the digits are arranged in ascending order within the number?













- 1. None
- 2. One
- 3. Two
- 4. Three
- 5. More than three

Q72) Which of the following will be the middle digit of the second highest number among the following five numbers if the positions of the first and the third digits in each number are interchanged?

432 851 719 643 287

- 1. 8
- 2. 3
- 3. 5
- 4. 1
- 5. 4

Q73) Directions: The question below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question:

Point L is in which direction to point S?

- I. If a person walks 5m towards north from point L, and takes two consecutive rights turns each after walking 5m, he would reach point K, which is 9m away from point S.
- II. Point D is 3m towards east of point L and 5m towards the west of point S.













- 1. If the data in statement I alone are sufficient to answer the question while the data in statement II alone are not sufficient to answer the question.
- 2. If the data in statement II alone are sufficient to answer the question while the data in statement I alone are not sufficient to answer the question.
- 3. If the data in either in statement I alone or in statement II alone are sufficient to answer the question.
- 4. If the data even in both statements I and II together are not sufficient to answer the question:
- 5. If the data in both the statements I and II together are necessary to answer the question.

Q74) Direction: In the following question few statements are given, which are followed by four conclusions. Choose the conclusions which logically follow from the given statements.

Statements:

Few Pants are Cap.

No Cap is a Jacket.

Some Jacket are Blazer.

All Blazer are clothes.

Conclusions:

- I. Some Jacket being Pants is a possibility.
- II. Some Jacket are clothes.
- III. Some Blazer being Cap is a possibility.
- IV. All Jacket are Blazer.
  - 1. Only conclusion (I) follows.













- 2. Only conclusion (II) follows.
- 3. Both conclusion (I) and (II) follows.
- 4. Conclusion (I), (III) and (III) follow.
- 5. Conclusion (I), (III) and (IV) follow.

Q75) Directions: In question below are two statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

No picnic is blades.

Some blades are CD's.

Conclusions:

I. No CD is a picnic.

#### II. Some picnics are definitely not CD's.

- 1. Only conclusion I follows.
- 2. Only conclusion II follows.
- 3. Fither conclusion Lor II follows.
- 4. Neither conclusion I nor II follows.
- 5. Both conclusions I and II follow.

Q76) Directions: In the following questions, few conclusions are given and five statements are given as 1), 2), 3), 4) and 5). From this you have to take the











conclusions to be true even if they seem to be at variance with commonly known facts and then decide which of the given statement logically follows.

#### Conclusions:

Some knives are trays.

Some trays are saucers is a possibility.

Some knives are clips is a possibility.

Some knives are tumblers.

- 1. Statements I: No saucers are clips. Some clips are trays. Some trays are tumblers. No tumblers are knives
- 2. Statements II: All saucers are clips. All clips are trays. No trays are tumblers. All tumblers are knives
- 3. Statements III: Some saucers are clips. No clips are trays. No trays are tumblers. Some tumblers are knives
- 4. Statements IV: No saucers are clips. Clips are not trays. Trays are not tumblers. All tumblers are knives
- 5. Statements V: All saucers are clips. Some clips are trays. Some trays are tumblers. All tumblers are knives

Q77-80) Directions: These questions are based on the following data.

A librarian wishes to sit at the center of his circular library hall with eight shelves arranged around him in a circle. There are books on eight subjects English, Physics, Sociology, Chemistry, Mathematics, French, German and History which are placed on the shelves. One subject book on one shelf only. The books on French, German and English should be in three shelves placed side by side. The books on History should be on a shelf opposite the shelf containing French books. The books on Physics and those













on Chemistry should be on shelves opposite each other while books on Physics are placed to the immediate right of French books.

Q77) If the books on German are opposite to the shelf of Mathematics books, then which of the following should be opposite to each other?

- 1. English and Sociology Shelves
- 2. French and Physics books
- 3. French and English books
- 4. Sociology and Mathematics books
- 5. Sociology and Chemistry

Q78) If the books on Sociology is placed near the shelf containing Physics books, then what would be the place of shelf containing Mathematics books with respect to the shelf containing History books?

- 1. Immediate right
- 2. Immediate left
- 3. Second to right
- 4. Third to left
- 5. Second to left

Q79) If Mathematics books are placed to the immediate right of Physics books, then where are the sociology books placed with respect to English books?

- 1. Third to left
- 2. Fourth to left
- 3. Fifth to left
- 4. Third to right











5. Either Option 1 or Option 2

#### Q80) Which of the following is definitely TRUE?

- 1. The language books are on either side of Physics books.
- 2. None of the language books can be adjacent to any of the books on History, Mathematics and Sociology.
- 3. The shelves containing language books can be arranged alternately with books on other subject.
- 4. The shelf with mathematics books are placed opposite to English books.
- 5. None is true







