

# Reasoning : Practice Paper

**DIRECTIONS (Qs. 1 to 5) :** Ravi, Suresh and Asif are in control of the following number-letter-symbol series respectively.

**Ravi :** 2 & S \* 9 P T B £ 8 Q D 6

**Suresh :** ⊗ 1 □ F @ V 4 \$ © M T D ⇔

**Asif :** G 3 H # K N ● 5 R = 7 W Y

1. Starting from the left end and following the given order in each series, if a group of three elements is formed by taking symbol from Suresh's series, number from Ravi's series and letter from Asif's series, each symbol-number-letter only once, which of the following will be the elements of the 4th such group formed ?

(a) \$8N (b) ©6R  
(c) \$6N (d) \*1V  
(e) None of these

2. If from each series, amongst letter/numbers/symbols the one having highest members is sorted out and then arranged in the descending order on the basis of the number of elements they have, which of the following will indicate the correct descending order ?

(a) Asif-letters, Suresh-symbols, Ravi-symbols  
(b) Asif-letters, Suresh-symbols, Ravi-letters  
(c) Ravi-numbers, Suresh-letters, Asif-symbols

(d) Ravi-letters, Suresh-symbols, Asif-letters

(e) None of these

3. If each symbol which immediately precedes a number in Ravi's series, each number which immediately follows a letter in Suresh's series and each letter which immediately precedes a symbol in Asif's series are selected, what will be the total numbers of these elements?

(a) 7 (b) 8 (c) 6 (d) 5 (e) None

4. If all the numbers from Asif's series, all the letters from Suresh's series and all the symbols from Ravi's series are respectively arranged in the same given order one after the other from the left end, which of the following will be the seventh to the right of the eleventh element from your right?

(a) D (b) M (c) © (d) Δ  
(e) None of these

5. Which of the following is true?

(a) The total number of symbols immediately preceded by numbers in Ravi's series are equal to the total number of letters immediately preceded by numbers in Suresh's series  
(b) The total number of symbols immediately followed by numbers in Asif's series are less than the total number of letters immediately preceded by numbers in Ravi's series

- (c) The total number of letters immediately following symbol in Ravi's series are more than the total number of symbols immediately preceded by numbers in Suresh's series
- (d) The total number of symbols immediately preceding letter in Ravi's series are less than the total number of symbols immediately followed by numbers in Asif's series
- (e) The total number of symbols in Ravi's series is more than the total number of symbols in the Suresh's series

**DIRECTIONS (Qs. 6 to 10) :** Study the following information and answer the questions given below:

In a certain code, the symbol for 0 (zero) is @ and for 1 is \$. There are no other symbols for all other numbers greater than one. The numbers greater than 1 are to be written only by using the two symbols given above. The value of the symbol for 1, doubles itself every time it shifts one place to the left. Study the following example

'0' is written as @

'1' is written as \$

'2' is written as \$@

'3' is written as \$\$

'4' is written as \$\$\$ and so on

- 6. Which of the following will represent 11 ?**
- (a) \$@@\$ (b) @\$\$\$ (c) \$\$\$@
- (d) \$@@@ (e) None of these
- 7. Which of the following will represent 8 ?**

- (a) \$\$\$@ (b) @\$\$\$ (c) \$@@@
- (d) @\$\$\$ (e) None of these

**8. Which of the following numbers will be represented by \$\$\$ ?**

- (a) 8 (b) 11 (c) 13 (d) 12
- (e) None of these

**9. Which of the following will represent the value of the product  $3 \times 3 + 1$  ?**

- (a) \$\$\$ (b) \$@@ (c) \$@@\$
- (d) \$\$\$ (e) None of these

**10. Which of the following numbers will be represented by \$@@@ ?**

- (a) 22 (b) 31
- (c) 14 (d) 17
- (e) None of these

**DIRECTIONS (Qs. 11 to 15) :** Each of the questions below consists of a question and two or three statements given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

**11. Who is the uncle of L ?**

**1. P, brother of M, is father of L, M is father of S.**

**2. R is father of L's cousin.**

- (a) 1 alone is sufficient
- (b) 2 alone is sufficient
- (c) Either 1 alone or 2 alone is sufficient
- (d) Both 1 and 2 together are not sufficient
- (e) Both 1 and 2 together are not necessary

12. Who is to the North-East of R?

1. S is to the South-East of N, who is to the South-West of P, who is to the North of Q.
2. T is to the North-West of Q who is to the South of P.
3. R, who is to the North of S, is midway between N and Q, N being to the West of R.

- (a) All 1, 2, 3 together are required  
(b) Only 1 and 3 together are sufficient  
(c) Only 2 and 3 together are sufficient  
(d) Either 1 and 3 together or 2 and 3 together are sufficient  
(e) None of these

13. How much did Sohil get as profit at the year end in the business done by Animesh, Sohil and Akhilesh ?

1. Akhilesh invested Rs. 8000/- for nine months, his profit was  $(\frac{3}{2})$  times that of Sohil's and his investment was 4 times that of Animesh.
2. Animesh and Sohil invested for one year and in the proportion 1 : 2 respectively.
3. The three together got Rs. 1000/- as profit at the year end.

- (a) Only 1 and 2 together are sufficient  
(b) Only 1 and 3 together are sufficient  
(c) 1, 2 and 3 together are not sufficient

(d) 1, 2 and 3 together are not necessary

(e) None of these

14. What is the rank of Suresh in the class of 17 students ?

1. Nitin, having 13th rank from the bottom, is six ranks ahead of Bhupesh, who is two ranks behind Suresh.
2. Bhupesh is four ranks ahead of Kamlesh
3. Bhupesh is two ranks behind Suresh and Kamlesh's rank is 15.

- (a) Only 1 alone is sufficient  
(b) Either 1 alone or 2 and 3 together are sufficient  
(c) Only 2 and 3 together are sufficient  
(d) Only 1 and 3 together are sufficient  
(e) None of these

15. Which code represents 'Them' in the given code language ?

1. In the code language, 'Se Me Ye' means 'Tell Them Young' and 'Me Yo Na Ye' means 'Wise Young Sharp Tell'.
2. In the code language, 'Na Ki Pa Lo' means 'Clever Sharp Come Tomorrow' and 'Ki Po Se Ye' means 'Bring Clever Young Them'.
3. In the code language, 'Pa Na Se Ki Te' means 'Clever Sharp Come Them No' and 'Ki Ni Pa Be Te Na' means 'Yellow Come Sharp Run Clever No'.

- (a) Only 1 alone is sufficient
- (b) Either 1 alone or 2 and 3 together are sufficient
- (c) Only 2 and 3 together are sufficient
- (d) Only 3 alone is sufficient
- (e) Either 1 alone or 3 alone is sufficient

**DIRECTIONS (Qs. 16 to 20) :** In each question given below a statement is followed by three **Courses of action** numbered I, II and III.

A course of action is a step or administrative decision to be taken for improvement follow up or further action in regard to the problem, policy etc. on the basis of the information given in the statement. You have to assume every thing in the statement to be true, then decide which of the three given/suggested **Courses of action** logically follows for pursuing and decide the answer.

- 16. Statement :** The chairman of the car company announced in the meeting that all trials of its first product the new car model 'M' are over and company plans to launch its car in the market after six months.

**Courses of action :**

- (I) The network of dealers is to be finalised and all legal, financial and other matters in this connection will have to be finalised shortly.
- (II) The company will have to make plan for product other than car.
- (III) Material, managerial and other resources will have to be in fine

tune to maintain production schedule.

- (a) I and III only      (b) Only I
- (c) All of three      (d) Only II
- (e) None of these

- 17. Statement :** The Company 'X' has rejected first lot of valves supplied by Company 'A' and has cancelled its entire huge order quoting use of inferior quality material and poor craftsmanship.

**Courses of action :**

- (I) The Company 'A' needs to investigate functioning of its purchase, production and quality control departments.
- (II) The Company 'A' should inspect all the valves rejected by Company 'X'.
- (III) The Company 'A' should inform Company 'X' that steps have been taken for improvement and renegotiate schedule of supply.
- (a) Only I and II      (b) Only II
- (c) All I, II and III
- (d) II and either I or III
- (e) None of these

- 18. Statement :** Residents from Model Colony coming under Northward of City 'X' have complained to the Ward Officer that for last three days the tap water in the ward is contaminated and no action is being initiated by municipal staff.

**Courses of action :**

- (I) The Ward Officer of North Ward should initiate action against residents who have lodged

complaints against municipal staff.

- (II) The Ward Officer should ask his junior officer to visit Model Colony to assess the actual condition of water with his staff and to get samples of water tested from laboratories.
- (III) The Ward Officer should ask Ward Engineer to check water installations and pipelines in the Model Colony area.
- (a) Only I and II      (b) Only II and III  
(c) Only either I or III and II  
(d) Only I and III      (e) None of these

19. **Statement : The Deputy Mayor of city 'Z' has proposed to install a plant of mineral water and to supply citizens mineral water bottles at Rs. 6 per litre as against Rs. 10 per litre being sold by local private companies**

**Courses of action :**

- (I) The local private companies of city 'Z' will have to close their operation.
- (II) The Corporation of city Z will have to provide for losses in this project in its budget.
- (III) The tap water scheme of city Z will have to be stopped.
- (a) None of these      (b) Only I and III  
(c) Only I and II      (d) Only II and III  
(e) All the three

20. **Statement : The Management of School 'M' has decided to give free breakfast from next academic year to all the students in its**

**primary section through its canteen even though they will not get any government grant.**

**Courses of action :**

- (I) The school will have to admit many poor students who will seek admission for the next academic year.
- (II) The canteen facilities and utensils will have to be checked and new purchases to be made to equip it properly.
- (III) Funds will have to be raised to support the scheme for years to come.
- (a) Only either I or II  
(b) Only II and III  
(c) Only I  
(d) None of these  
(e) All the three

**DIRECTIONS (Qs. 21 to 25) : Given below are pairs of events 'A' and 'B'. You have to read both the events 'A' and 'B' and decide their nature of relationship. You have to assume that the information given in 'A' and 'B' is true and you will not assume anything beyond the given information in deciding the answer.**

**Mark answer (A) :** If 'A' is the effect and 'B' is its immediate and principal cause. **Mark answer (B) :** If 'A' is the immediate and principal cause and 'B' is its effect. **Mark answer (C) :** If 'A' is an effect but 'B' is not its immediate and principal cause. **Mark answer (D) :** If 'B' is an effect but 'A' is not its immediate and principal cause. **Mark answer (E) :** None of these



21. **Event : (A)** Prices of gold have gone up in the local market.

**Event : (B)** India has won several prizes in design of gold ornaments.

22. **Event : (A)** Today, the Prime Ministers of country 'P' and 'Q' have decided to take steps to improve the bilateral relations.

**Event : (B)** Next week a Committee of Foreign Ministers and Senior Officers of country 'P' and 'Q' will work out further steps to improve the relationship.

23. **Event : (A)** Recently the prices of the personal computer (PCs) have come down.

**Event : (B)** Some school children are showing keen interest in learning computers.

24. **Event : (A)** This year Bank 'M' has celebrated its silver jubilee.

**Event : (B)** More customers are getting attracted to the market branch of Bank M.

25. **Event : (A)** Recently the traffic jams on M G Road of city 'Z' are not reduced but the traffic has also become manageable.

**Event : (B)** The flyover on MG Road of city 'Z' has recently been made operational and the number of traffic police personnel has been increased.

**DIRECTIONS (Qs. 26 to 30) : Read the following information and answer the questions given below.**

(I) Two wooden cubes 'A' and 'B' are placed adjacent to each other in front of you in such a way that 'A' is to your left and 'B' to your right.

(II) One pair of opposite faces of cube 'A' is painted by the same colour, i.e., Red colour. Another pair of opposite faces is painted by Blue and one of the remaining faces of Yellow and other one is Violet.

(III) Only two opposite faces of cube 'B' are painted by Blue colour. Remaining pairs of opposite faces are painted in such a way that opposite face of Brown colour is Green and one of the other two opposite faces is Black and the other is White.

26. If Red surface of 'A' and Blue of 'B' are touching the table and Yellow of 'A' and Black of 'B' are facing you, then which coloured side of 'B' is facing Blue side of 'A' ?

- (a) Brown (b) Green (c) White  
(d) Either Brown or Green (e) None

27. If Black surface of 'B' is kept on the top of Red surface of 'A', which coloured side of 'B' will face the sky ?

- (a) White (b) Blue (c) Brown  
(d) Data inadequate (e) None

28. If the cubes are rearranged one above the other in such a way that White face of 'B' is facing sky and Yellow face of 'A' is kept above it, then which coloured surface of 'A' will be facing you?

- (a) Violet  
(b) Blue  
(c) Either Blue or Red  
(d) Either Blue or Violet  
(e) Data inadequate

29. If 'B' is kept to your left with Green coloured surface facing you and 'A' kept at your right with Blue surface facing you then which of the following pairs of colours of 'A' and 'B' will be facing each other ?

- (a) Yellow-Black      (b) Yellow White
- (c) Black-Violet      (d) Violet White
- (e) Data inadequate

30. If block 'B' is kept behind block 'A' in such a way that Brown coloured surface of 'B' is facing Yellow coloured face of 'A', which colour of block 'B' will be to your right ?

- (a) Blue      (b) Black      (c) Brown
- (d) Data inadequate
- (e) None of these

31. Cases of food poisoning have been reported from village 'X'. After a dinner party arranged for 100 people, 68 have been admitted to the hospital, 36 cases are reported to be out of danger. The food, which was cooked and stored in open space for almost 12 hours earlier was served after reheating it. Investigation is going on. A news report.

Which of the following can be hypothesized from the above information ?

- (a) Late night dinner parties for large number of people result into food poisoning
- (b) State food is likely to be the cause of food poisoning
- (c) Cases of food poisoning need to be handled carefully

- (d) Cases of food poisoning are not reported in urban dinner parties
- (e) Food poisoning is a matter of chance and no preventive measure can be suggested.

32. A study reveals that families where parents cannot give sufficient time for their children report disturbed behaviour of children and poor performance of the child at school.

Which of the following is true, would weaken the statement?

- (a) Studies regarding behaviour of children of single parents have reported similar findings
- (b) A good and healthy child-parent relationship helps the child in adjustment at home and school
- (c) A high correlation has been found between good adjustment of the child with his peers/friends and high good performance in the school
- (d) Schools have now started counselling parents to spend happy and meaningful time with their children
- (e) Well adjusted children show lot of love and respect for their parents

33. If you want hassle-free holiday package for city 'M' then join, only our tour, hurry up, only few seats available. An advertisement of 'XYZ' Tourist Company. If the above statement is true then which of the following has been assumed while making the statement ?

- (a) Travel packages offered by other tour operators are neither cheap nor comfortable
- (b) Nowadays people have lot of money to spend for their comforts
- (c) No seats may be available with other tour operators for city 'M'
- (d) Many people desire convenience and comfort while going for a holiday
- (e) The XYZ Company strictly follows the concept of 'first come first serve'.

**34. The state government's agency 'HOUSEWELL' has constructed 500 flats for middle class but inspite of shortage of house it has not even received hundred applications. Each of the following if true, could explain this except :**

- (a) The quality of construction of 'HOUSEWELL' is reported to be very poor
- (b) The location of the flats is not convenient either by bus or from railway station
- (c) A private builders scheme which has come up on the adjacent plot is over-booked inspite of higher cost and 100% advance payment
- (d) The cost and conditions of payment are quite demanding and are slightly higher than usual government housing schemes
- (e) School and market facilities are yet to come up

**35. In order of quality in an examination having six subjects,**

**one has to get at least 50% and above marks separately in any four subjects and minimum 35% and above in each of the six subjects. If the total of 25% candidates have qualified in the examination, then which of the following is definitely true?**

- (a) 25% of the students have secured 50% and above in all the six subjects
- (b) 75% of the students could not get at least 35% marks in all the six subjects taken together
- (c) 50% of the students got 50% and above in four subjects but only half of them could get 35% and above in all the subjects
- (d) Only 25% of the students could get at least 35% and above marks in each of the subjects
- (e) None of these

**DIRECTIONS (Qs. 36 to 41) : Our Glory of Cricket' club intends to give its membership to a selected few players based on the following criteria**

The player must be above 16 years and not more than 24 years of age as on 1.2.99. He must pay Rs. 15,000 as entrance fee and Rs. 1,000 as monthly fee throughout his membership period. In case, he pay Rs. 25,000 as additional entrance fee the monthly payment condition is waived. In addition to this he should satisfy at least one of the following conditions :

**(I)** He has won any one inter-college cricket tournament by leading his college team and has scored at least one century in college level tournaments.



(II) He has scored at least one century and two fifties in interuniversity of inter state tournaments.

(III) He has led his cricket team at college level at least thrice and has taken 10 or more wickets either by bowling or while wicket-keeping or has made aggregate 1000 runs in college level matches.

(IV) He has represented his state in national level matches at least thrice with a remarkable bowling or batting or wicket-keeping record.

(V) He has six centuries at his credit in college level matches and is a spin or medium fast bowler having taken at least one wicket per match in college level matches. *Based on the above conditions and the data given in each of the following cases you have to take decision. You are not supposed to assume anything. All the facts are given as on 1.2.99.*

**36. Ameya started his cricket career exactly 5 years ago by celebrating his 18th birthday by scoring a century. He is ready to pay Rs. 40,000/- at entry level. He scored three fifties representing his state as captain. He is an excellent leg spinner.**

- (a) Membership be given-satisfies (II) only
- (b) Data inadequate
- (c) Membership be given - satisfies (II) and (IV)
- (d) Membership not to be given
- (e) None of these

**37. Satyen is a good wicket-keeper having 11 stump-outs and 16**

**behind the wicket catches in his 6 years tenure as state level player. He has also led his team in inter university tournaments and has scored two centuries and one fifty. He is willing to pay entrance fee as well as monthly charges. He started representing his state in March 91 at the age of 16 years.**

- (a) Membership be given - Satisfies only (I)
- (b) Membership be given-Satisfies only (IV)
- (c) Membership be given - Satisfies (II) and (IV)
- (d) Data inadequate
- (e) Membership not to be given

**38. Atul has represented his college as captain for 3 years and represented his university for two years. He has taken 15 wickets in seven matches as spin bowler. He has two centuries at his credit while playing for his college. His team has won twice and thrice under his leadership in college level and university level matches respectively. His date of birth is 2.1.1976. He is ready to pay Rs. 40,000 as entrance fee.**

- (a) Membership be given - Satisfies only (I)
- (b) Membership be given - Satisfies only (III)
- (c) Membership be given - Satisfies both (I) and (III)
- (d) Membership not to be given
- (e) None of these

39. Anil has been playing for his college, university and state during his 7 years cricket tenure. He started playing for his college in January 92 when he was 17 years old. He was 7 centuries and 5 fifties at his credit aggregating 1600 runs. He led his university and state for two years and 3 years respectively. He has taken 11 wickets as medium fast bowler while playing for his state in national level matches. He is willing to pay requisite entrance fee and monthly fee
- Membership be given - Satisfies only (II) and (IV)
  - Membership be given - Satisfies only (IV) and (V)
  - Membership be given - Satisfies only (II), (IV) and (V)
  - Membership not to be given
  - None of these
40. Divyen is an exceptionally brilliant wicket-keeper. He has to his credit 22 stumpings and 20 catches while representing his state in national level matches for consecutive 4 years. His first century was while he was leading his college team to win in February 1991 at the age of 16 years. He will be able to pay Rs. 15,000 and monthly dues. Before playing for the state he played many matches for his college.
- Membership is not to be given
  - Membership be given - satisfies only (IV)
  - Membership be given - satisfies (II) and (IV)
  - Membership be given - satisfies (I) and (IV)
  - None of these
41. Sarvesh has a record of having taken two or more wickets at every match played by him for his college. He is a medium fast bowler. He is a good medium fast bowler. He is a good batsman also and has scored three centuries and four fifties while playing interuniversity matches. His college has always won the match under his captaincy during the last 4 years. He has amassed 1200 runs in these matches. He is ready to pay Rs. 40,000/- at entry level. His date of birth is 30.01.76.
- Membership be given - satisfies (I) only
  - Membership be given - satisfies (I) and (II) only
  - Membership be given - satisfies (I) and (V)
  - Membership be given - satisfies (I), (II) and (III)
  - None of these

**DIRECTIONS (Qs. 42 to 45) :** Read the following information and answer the given questions.

- (I) Six friends Ramesh, Dinesh, Lokesh, Nilesh, Shailesh and Hitesh work in different companies namely 'P', 'Q', 'R', 'S', 'T', and 'U', and each one wears company sponsored different coloured tie, i.e., Blue, Green, Pink, Yellow, Purple and Red though not necessarily in the same order.

- (II) The one wearing Blue tie works in company 'S' and the one wearing Green tie works in company 'P'.
- (III) Hitesh does not work in company 'R' or 'T'.
- (IV) Ramesh wears Pink tie and works in company 'Q'.
- (V) Nilesh does not work in company 'T' and Purple colour tie is not sponsored by company 'R'.
- (VI) Shailesh works in company 'U' and neither Nilesh nor Dinesh works in company 'S'.
- (VII) Company 'T' does not sponsor Purple or Yellow coloured tie and Lokesh works in company P.
42. Which colour is sponsored by Company 'R' ?
- (a) It can not be ascertained  
(b) Blue (c) Green  
(d) Pink (e) None of these
43. Which of the following "colour of tie-company-person" combinations is correct ?
- (a) Green-R-Nilesh  
(b) Blue-S-Lokesh  
(c) Red-T-Dinesh  
(d) Yellow-R-Shailesh  
(e) None of these
44. Which of the following is true ?
- (a) Company 'U' sponsors Green tie  
(b) Shailesh wears Red tie  
(c) Nilesh works in Company 'T'  
(d) Red colour is sponsored by company 'T'

(e) None of these

45. Which of the following sequence of companies represents Ramesh, Dinesh, Lokesh, Nilesh, Shailesh and Hitesh in the same order ?

- (a) Q, P, T, R, U, S  
(b) Q, T, P, R, U, S  
(c) Q, P, T, S, U, R  
(d) Q, T, P, S, U, R  
(e) None of these

**DIRECTIONS (Qs. 46 to 48) :** Answer the following questions based on the alphabet given below :

A B C D E F G H I J K L M N O P Q R  
S T U V W X Y Z

46. If the letters of the word PRODUCTIVE which are at the odd numbered position in the English alphabet are picked up and rearranged in alphabetical order from left and if they are now substituted by Z, Y, X and so on, beginning from left which letter will get substituted by W ?

- (a) No letter will get substituted by W  
(b) O (c) E  
(d) C (e) None of these

47. What will come in the place of question (?) mark in the following series ?

GPW, GPUW, GIPUW, GIPSUW, ?

- (a) GIHPSUW  
(b) GIPQSUW  
(c) GIKPSUW  
(d) GIJPSUV  
(e) None of these

48. If the alphabets are written in reverse order after interchanging alphabets from 'D to L' with those from 'R to Z' respectively, which letter would be midway between W and E in the new order ?

- (a) Z
- (b) N (c) L
- (d) There is no such letter
- (e) None of these

**DIRECTIONS (Qs. 49 & 50) :** Given below is one passage followed by several possible inferences which can be drawn from the facts stated in the passage. You have to examine each inference separately in the context of the passage and decide upon its degree of truth or falsity.

**Mark - If you think answer**

- (a) the inference is 'Definitely True', i.e., it properly follows from the statement of facts given
- (b) the inference is 'Probably True' though not 'Definitely True' in the light of the facts given
- (c) the 'Data are Inadequate', i.e., from the facts given you cannot say whether the inference is likely to be true or false
- (d) the inference is 'Probably False' though not 'Definitely False' in the light of the facts given. The inference is 'Definitely False', i.e., it cannot possibly be drawn from the facts given or it contradicts the given facts.

'Holidays on Instalment Payment (HIP) plans are being introduced. According to an Indian Market Research Bureau (IMRB) study, at least 12,000

families in Mumbai alone will opt for such deferred payment plans for their holidays in the next three years.

49. In Mumbai 'Holidays Instalment Payment (HIP)' seems to be fulfilling need of people.

50. Compared to the total number of membership of HIP in India, the number of HIP from Mumbai appears to be a 'Tip of Iceberg'.

**DIRECTIONS (Qs. 51 to 55) :** In each questions below there are three statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.

51. **Statements :**

No Cloud is Bird.

Some Goats are Birds.

All Cars are Goats.

**Conclusions :**

I. No Car is Cloud.

II. Some Cars are Birds.

III. No Bird is Car.

IV. Some Clouds are Goats.

- (a) Only III follows
- (b) Only either II or III follows
- (c) Only I follows
- (d) Only I and either II or III follow
- (e) None of these

52. **Statements :**

**All Grapes are Bananas.**

**All Potatoes are Bananas.**

**Some Bananas are mangoes.**

**Conclusions :**

**I. No Grape is Mango.**

**II. Some Potatoes are not Mangoes.**

**III. Some Grapes are Potatoes.**

**IV. All Mangoes are Grapes.**

(a) Only I follows

(b) Either I or II follows

(c) Only II and III follow

(d) Only, I, II and III follow

(e) None of these

53. **Statements :**

**Some Cats are Rats.**

**Some Rats are Ants.**

**Some Ants are Flies.**

**Conclusions :**

**I. Some Flies are Cats.**

**II. Some Flies are not Ants.**

**III. No Rat is Fly.**

**IV. No Cat is Fly.**

(a) Only I and IV follow

(b) Only II follows

(c) Only I and III follow

(d) Only I or IV follows (e) None

54. **Statements :**

**All chalks are Dusters.**

**Some Chalks are Boards.**

**Some Dusters are Pens.**

**Conclusions :**

**I. Some Pens are Chalks.**

**II. Some Dusters are Boards**

**III. Some Pens are Boards.**

**IV. All Chalks are Pens.**

(a) Either I or IV follows

(b) Only II and III follow

(c) Either I or IV and II follow

(d) Only II follows

(e) None of these

55. **Statements :**

**Some Bags are Books.**

**All Books are Boxes.**

**No Box is Board.**

**Conclusions :**

**I. Some Bags are not Boards.**

**II. Some Bags are not Boxes.**

**III. All Bags are Boxes.**

**IV. No Bag is Board.**

(a) Only I follows

(b) I and either II or III follow

(c) Only IV follows

(d) Only II follows

(e) None of these

**DIRECTIONS (Qs. 56 to 60) : In the questions given below, certain symbols are used with the following meaning :**

A @ B means A is greater than B

A + B means A is either greater than or equal to B

A © B means A is smaller than B



A  $\otimes$  B means A is either smaller than or equal to B

A \$ B means A is equal to B

Now in each of the following questions assuming the given statements to be true, find which of the two conclusions I and II given below them is/are definitely True ?

**Give answer (a)** if only conclusion I is true.

**Give answer (b)** if only conclusion II is true.

**Give answer (c)** if either I or II is true.

**Give answer (d)** if neither I nor II is true.

**Give answer (e)** if both I and II are true.

**56. Statements :**

T \$ G, K @ P, M © T, P + M

**Conclusions :**

I. K @ T

II. G \$ P

**57. Statements :**

R + N, S  $\otimes$  B, A, @ R, B \$ A.

**Conclusions :**

I. S \$ N

II. A @ N

**58. Statements :**

G \$ K, F @ J, K + Q, Q + F

**Conclusions :**

I. K \$ F

II. F © K

**59. Statements :**

W @ S, K  $\otimes$  Z, U + W, S \$ K

**Conclusions :**

I. U @ K

II. Z @ S

**60. Statements :**

G \$ E, D © K, E © S, K x G

**Conclusions :**

I. S © D

II. D © E

## ANSWERS

1.(c)	2.(b)	3.(a)	4.(e)	33.(d)	34.(c)	35.(d)	36.(d)
5.(d)	6.(a)	7.(e)	8.(c)	37.(a)	38.(a)	39.(d)	40.(d)
9.(b)	10.(d)	11.(c)	12.(d)	41.(d)	42.(e)	43.(c)	44.(d)
13.(e)	14.(b)	15.(e)	16.(a)	45.(b)	46.(b)	47.(c)	48.(b)
17.(a)	18.(b)	19.(a)	20.(b)	49.(b)	50.(c)	51.(e)	52.(e)
21.(c)	22.(b)	23.(c)	24.(e)	53.(e)	54.(d)	55.(b)	56.(d)
25.(a)	26.(d)	27.(a)	28.(c)	57.(b)	58.(c)	59.(a)	60.(a)
29.(e)	30.(d)	31.(b)	32.(c)				