



## Andhra Bank Special Officers Solved Paper (Reasoning Ability)

Directions (Q. 1-5) In a certain code the symbol for 0 (zero) is 1 and that for 1 is H. There are no other symbols for numbers and all numbers greater than 1 are written using these two symbols only, the value of the symbol for 1 doubling itself every-time it shifts one place to the left. Thus

01. If HHH is multiplied by HH, the product will be

- (A) H 1 H 1 H
- (B) H H 1 1 H
- (C) H 1 1 H H
- (D) 1 H H H H
- (E) H 1 1 1 H

02. Which of the following will represent 20% of 45 in that code ?

- (A) H H H H (B) H H H
- (C) H 1 1 H (D) H H 1 H
- (E) H H H 1

03. Which of the following stands for 7 in that code ?

- (A) H H H H H H H
- (B) H 1 H 1 H 1 H
- (C) H H 1
- (D) H 1 1 H
- (E) H H H

04. If H H 1 is added to H 1 H H, the sum will be

- (A) H H H H H
- (B) H 1 1 1 H
- (C) H H 1 1 H
- (D) H 1 1 H H
- (E) H H H 1 H

05. Which of the following numbers is written as H 1 H 1 in that code ?

- (A) 8080
- (B) 202
- (C) 42
- (D) 10
- (E) 9

06. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?

- (A) Jasmine
- (B) Rose

- (C) Dahlia
- (D) Marigold
- (E) Lotus

**07. Jackal is related to Carnivorous in the same way as Goat is related to \_\_\_\_\_.**

- (A) Omnivorous
- (B) Carnivorous
- (C) Herbivorous
- (D) Multivorous
- (E) None of these

**08. If blue is called red, red is called green, green is called black and black is called white, what is the colour of grass ?**

- (A) Red (B) Black
- (C) White (D) Green
- (E) None of these

**09. In a certain code RAID is written as %H\$, ripe is written as %H@. How is dear written in that code ?**

**10. Radish is related to Root in the same way as Brinjal is related to \_\_\_\_\_.**

- (A) Fruit (B) Stem
- (C) Flower (D) Root
- (E) None of these

**Directions (Q. 11-15) Each of the questions below consists of a question and two statements numbered I and II are given below it. You have to decide whether the data provided**

**in the statements are sufficient to answer the question. Read both the statements and give the answers**

- (A) 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.
- (B) 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.
- (C) If the data either in Statement I alone or in Statement II alone are sufficient to answer the question.
- (D) If the data even in both the Statements I and II are not sufficient to answer the question.
- (E) If the data in both the Statements I and II together are necessary to answer the question.

**11. How many children are there in the group ?**

- I. Sangita has scored more marks than 12 children in the group.
- II. Reena has scored less than Sangita.

**12. What is the value of 3648 ?**

- I. P\$Q means divide P by Q.
- II. AHB means multiply A by B.

**13. What is Samir's rank from the top in the class of 30 students ?**

- I. Sudhir, who is four ranks above Samir, is fifteenth in rank from the bottom.
- II. Samir is three ranks below Neeta who is eighteenth from the bottom.

**14. Who among L, N, F, G and Q was the first to reach the college ?**

- I. F reached before L and G but not before Q who was not the first to reach.
- II. N reached before F and G and L reached after F.

**15. In the code language what is the code for 'fat' ?**

- I. In the code language 'she is fat' is written as 'he ra ca'.
- II. In the same code language 'fat boy' is written as 'ra ka'.

**Directions (Q. 16-20) Below in each question are given two statements (a) and (b). These statements may be either independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and decide which of the following answer choice correctly depicts the relationship between these two statements. Mark answer'**

- (A) If statement (a) is the cause and statement (b) is its effect.
- (B) If statement (b) is the cause and statement (a) is its effect.
- (C) If both the statements (a) and (b) are independent causes.
- (D) If both the statements (a) and (b) are effects of independent causes.
- (E) If both the statements (a) and (b) are effects of some common cause.

- 16.** (a) Large number of primary schools in the villages in the district are closed down this year.  
(b) Severe draught situation gripped the state resulting into acute shortage of drinking water.

- 17.** (a) Govt. has imposed a strict ban on use of plastics all over the state.  
(b) All the small scale units producing plastic products are on the verge of closure.

- 18.** (a) Police had launched a crack-down on all the criminal activities in the locality last month.  
(b) There has been a significant decline in the cases of criminal activities in the locality.

- 19.** (a) Large number of devotees visited the shrine on Saturday.  
(b) Every Saturday special prayers are offered.

- 20.** (a) The Village Panchayats in the state are empowered by the Govt. to settle cases of land disputes in the villages.  
(b) There has been significant reduction in the number of criminal cases in the district court.

**Directions (Q. 21-25) Study the following information carefully and answer the questions given below. Digits in the numbers are to be codes as follows'**

**Digit : 3 5 7 2 4 6 1 8 9**

**Code : F K R L D T G H B**

Following conditions are to be applied'

- i) If the first digit is even and the last digit is odd, both are to be coded as X.
- (ii) If the first digit is odd and the last digit is even, both are to be coded as A.
- (iii) If the first digit as well as the last digit is even, both are to be coded as the code for last digit.
- (iv) If the first digit as well as the last digit is odd, both are to be coded as the code for the first

digit.

Applying above conditions you have to find out the correct code for the letter in each question and indicate your answer accordingly. If none of the codes is correct, (E) i.e. None of these is your answer.

**21. 364289**

- (A) BTDLHB (B) FTDLHB
- (C) FTDLHF (D) BTDLHF
- (E) None of these

**22. 521437**

- (A) KLGDFK (B) RLGDFR
- (C) KLGDFR (D) KLDGFK
- (E) None of these

**23. 392648**

- (A) ALBTDA (B) XBLTDA
- (C) XBLTDX (D) ABLTDA
- (E) None of these

**24. 279654**

- (A) LRBTKD (B) LRBTKL
- (C) DRBTKL (D) DRTBKD
- (E) None of these

**25. 725638**

- (A) ALKTFH (B) ALKTFA
- (C) XLKTFX (D) XLKTFH
- (E) None of these

**Directions (Q. 26-33) In the following questions the symbols @, #, \$, % and & are used with different meanings as follows**

$P @ Q$  means  $P$  is neither smaller than nor equal to  $Q$ .

$P \# Q$  means  $P$  is not greater than  $Q$ .

$P \$ Q$  means  $P$  is not smaller than  $Q$ .

$P \% Q$  means  $P$  is neither greater than nor smaller than  $Q$ .

$P \& Q$  means  $P$  is neither greater than nor equal to  $Q$ .

In each of the following questions assuming the given statements to be true, find out which of the two conclusions I and II given below them is/are definitely true. Give the answer

- (A) If only conclusion I is true.
- (B) If only conclusion II is true.
- (C) If either conclusion I or conclusion II is true.
- (D) If neither conclusion I nor conclusion II is true.
- (E) If both conclusions I and II are true.

**26. Statements :  $G \# H, H \$ K, K @ M$**

Conclusions :

- I.  $M \# G$
- II.  $G \& M$

**27. Statements :F \$ D, H # M, M % D  
conclusions :**  
I. F \$ H  
II. F @ H

**28. Statements : R & M, M # L, L \$ Q  
conclusions :**  
I. M % Q  
II. M @ Q

**29. Statements :F # R, Q \$ R, Q & M  
conclusions :**  
I. F # Q  
II. R & M  
**30. Statements :D & T, R # T, R \$ M  
Conclusions :**  
I. M & T  
II. M % T

**31. Statements :E % H, H \$ M, M # Q  
conclusions**  
I. H \$ Q  
II. E \$ M

**32. Statements :S # A, S @ T, L & T  
conclusions :**  
I. L & A  
II. S @ L

**33. Statements :G \$ J, J @ K, K % N  
conclusions :**  
I. G @ N  
II. G % N

**Directions (Q. 34-40) These questions are based on the following arrangement of numerals, symbols and letters.**

**W T D I 5 M K % L \$ 3 7 F E B # 1 G H A Â © @ J U V 2 4**

**34. How many such symbols are there in the above arrangement each of which is immediately followed by a numeral and also immediately preceded by a letter ?**  
(A) None (B) Two  
(C) Three (D) One  
(E) None of these

**35. If KL : \$7 then B1 : ?**  
(A) GA (B) HÂ©  
(C) GH (D) Â©J  
(E) None of these

**36. If all the vowels are dropped from the arrangement, which element will be fifth to the right of the thirteenth element from the right ?**  
(A) H (B) G

- (C) A (D) 1  
(E) None of these

**37. If the first ten elements in the arrangement are reversed, which element will be third to the left of eleventh element from the left ?**

- (A) D (B) %  
(C) K (D) I  
(E) None of these

**38. Four of the following five are alike in a certain way on the basis of their position in the above arrangement and so form a group. Which is the one that does not belong to the group ?**

- (A) D5W (B) L3K  
(C) E#7 (D) HÂ©G  
(E) U2@

**39. How many such vowels are there in the above arrangement which are immediately preceded as well as immediately followed by a consonant ?**

- (A) None (B) One  
(C) Two (D) Three  
(E) None of these

**40. Which element is exactly mid-way between the eighth element from the left and the tenth element from the right ?**

- (A) E (B) 7  
(C) B (D) #  
(E) None of these

**Directions (Q. 41-45) Given an input, a coding machine generates pass-codes for six batches every day as follows**

Input the shopkeeper offered dis-count to customers Pass-code for :

Batch I customer the shopkeeper offered discount to

Batch II customer discount the shopkeeper offered to

Batch III customer discount offered the shopkeeper to and so on until the arrangement is completed.

After the arrangement is completed the next batch gets the same code as that for Batch I.

Duration of each batch is 1 hour. There is a break of one hour after the fourth batch. Sixth batch is the last batch. Now answer the following questions

**41. If the pass-code for the second batch is 'do lean window out of not', what will be the pass-code for the fourth batch ?**

- (A) do lean of not out window  
(B) do lean of out not window  
(C) do lean not out window of  
(D) do lean not of window out  
(E) None of these

**42. If the input is**

'please do not delay the matter', what will be the pass-code for third batch ?

- (A) do please not delay the matter  
(B) delay do matter please not the  
(C) delay do matter not please the

- (D) delay do matter not the please  
(E) None of these

**43. If the pass-code for third batch is 'brisk every for morning go walk', what will definitely be the input ?**

- (A) morning brisk go walk for every  
(B) morning go brisk walk for every  
(C) morning go walk brisk for every  
(D) Cannot be determined  
(E) None of these

**44. If the pass-code for the second batch is 'children for not is good watching television', what will be the pass-code for the fifth batch ?**

- (A) children for good not is watching television  
(B) children for good is not watching television  
(C) children good for is not tele-vision watching  
(D) Cannot be determined  
(E) None of these

**45. If the input is 'necessary arrangements have already been made', how many batches are required to complete the arrangement ?**

- (A) Three (B) Four  
(C) Five (D) Six  
(E) None of these

**Directions (Q. 46-55) Study the following information carefully and answer the questions given below. An organization wants to recruit System Analysts. The following conditions apply.**

The candidate must

- (i) be an engineering graduate in Computer/IT with at least 60% marks.
- (ii) have working experience in the field of Computer at least for 2 years after acquiring the requisite qualification.
- (iii) have completed minimum 25 years and maximum 30 years of age as on 1.12.2005.
- (iv) be willing to sign a bond for Rs. 50,000.
- (v) have secured minimum 55% marks in selection test.

However, if a candidate fulfills all other conditions except

- (a) At (i) above, but is an Electronics Engineer with 65% or more marks the case is to be referred to the General Manager (GM).
- (b) At (iv) above, but has an experience of at least 5 years as a Software Manager, the case is to be referred to the VP.

In each question below, detailed information of candidate is given. You have to carefully study the information provided in each case and take one of the following courses of actions based on the information and the conditions given above. You are not to assume anything other than the information provided in each question. All these cases are given to you as on 01.12.2005. You have to indicate your decision by marking answers to each question as follows.

Mark answer

- (A) If the case is to be referred to VP.
- (B) If the case is to be referred to GM.
- (C) If the data provided is not sufficient to take a decision.
- (D) If the candidate is to be selected.
- (E) If the candidate is not to be selected.

**46. Ms. Suneeta is an IT Engineer with 60% marks at graduation as well as in selection test. She is**

working as a Software Engineer for last 3 years after completing engineering degree and has completed 27 years of age. She is willing to sign the bond of Rs. 50,000.

47. Rakesh Rao is a Computer Engineer Graduate and thereafter is working as a Software Manager for past 6 years. He has secured 72% marks at graduation and 67% marks in selection test. His date of birth is 5th December 1976. He is not willing to sign the bond for Rs. 50,000.

48. Ramkumar is an engineering graduate in Computers with 78% marks passed out in 1999 at the age of 23 years. Since then he is working as a Software Manager in an engineering firm. He doesn't want to sign the bond for Rs. 50,000. He has cleared the selection test with 72% marks.

49. Nishant is an Electronics Engineer passed out in June 2002 at the age of 22 years. Since then he is working as a Programmer in a software company. He has passed the selection test with 66% marks and is willing to sign the bond.

50. Kalyani is an engineer with 72% marks in Telecommunication. She has just completed 27 years of age. She has cleared the selection test with 59% marks. She is willing to sign the bond.

51. Sangita is an IT Engineer and is working as an EDP Officer in a bank for past 5 years. She has completed 28 years of age and is willing to sign the bond of Rs. 50,000. She has obtained 65% marks in the selection test.

52. Abhijit is a Computer Engineer with 65% marks passed out in 2001 at the age of 22 years. Since then he is working as a Software Engineer, in a private firm. He is willing to sign the bond for the required amount. He has secured 63% marks in selection test.

53. Giridhar is working as a Software Engineer in a reputed company for past 4 years after completing Computer Engineering with 68% marks. He has cleared the selection test with 75% marks and is willing to sign the bond. His date of birth is December 17, 1978.

54. Nikita has just completed 26 years of age. She has passed IT Engineering examination in 2002 with 66% marks and is working as a Sr. Programmer since then. She has no problem in signing the bond of Rs. 50,000. She has secured 53% marks in selection test.

55. Mr. Rajan is working as a Programmer for the last 6 years in an engineering firm after passing engineering examination. He has passed Electronics Engineering with 76% marks. His date of birth is 16.05.78. He has cleared the selection test with 62% marks and is willing to sign the bond for Rs. 50,000.

**Directions (Q. 56-60) Study the following information to answer these questions.**

Seven Professors A, B, C, D, E, F and G are engaged in evaluation of answer papers in three different subjects English, Mathematics and History. At least two persons evaluate the papers in each subject. Each of the evaluators stay in different buildings P, Q, R, S, T, V & W not necessarily in the same order. A evaluates English papers only with E and stays in building R. D stays in building W and does not evaluate Maths papers. The one who stays in building V evaluates History papers. B and C do not evaluate the papers in the same subject. Those who evaluate English papers do not stay in building Q. F stays in building P but does not evaluate History papers. G evaluates same papers as F. C stays in building T.



**56. Who stays in building V ?**

- (A) E (B) F
- (C) G (D) B
- (E) None of these

**57. Which of the following combinations of subject, person and buildings is definitely correct ?**

- (A) Maths F & Q
- (B) Maths G & Q
- (C) History D & T
- (D) History E & S
- (E) None of these

**58. Which of the following groups of persons evaluate the Mathematics paper ?**

- (A) CF (B) EFG
- (C) CFG (D) FG
- (E) None of these

**59. Papers in which subject are evaluated by D ?**

- (A) History
- (B) Maths
- (C) English
- (D) English or Mathematics
- (E) History or Mathematics

**60. E stays in which building ?**

- (A) P
- (B) Q
- (C) T
- (D) Cannot be determined
- (E) None of these

**Directions (Q. 61-65) In each question given below, use the following notations:**  
 $A \mid B$  means Add A to B,  $A - B$  means Subtract B from A,  
 $A \times B$  means Multiply A by B, and  $A \div B$  means Divide A by B.

**61. Profit percentage is computed by using the following method. Cost Price (C) is subtracted from the Sale Price (S) and the difference is multiplied by 100 and the product is then divided by Cost Price (C). Which of the following expressions indicates the profit percentage ?**

- (A)  $(S - C) \times 100 \div C$
- (B)  $(S - C) \div 100 \times C$
- (C)  $(S - C) \times 100 \times C$
- (D)  $(S - C) \div 100 \div C$
- (E) None of these

**62. IQ is worked out by dividing mental age (MA) of a person by his chronological age (CA) and the quotient so obtained is multiplied by 100. Which of the following expressions indicates the IQ of a person ?**

- (A)  $MA \times 100 \div CA$
- (B)  $MA \times CA \div 100$
- (C)  $CA \times MA \div 100$
- (D)  $MA \times CA \times 100$
- (E) None of these

**63. The percentage increase in production in a particular year over that of its previous year is computed by dividing the difference between production of the two years (P1 and P2) by the production in the previous year (P1), and multiplying the quotient so obtained by 100. Which of the following expressions indicate the percentage increase in production in the particular year over its previous year ?**

- (A)  $\frac{P2 - P1}{P1} \times 100$
- (B)  $\frac{P1 - P2}{P1} \times 100$
- (C)  $\frac{P2 - P1}{P1} \times 100$
- (D)  $\frac{P2 - P1}{P1} \times 100$
- (E) None of these

**64. The average salary of the Managers is computed by the following method**

- (i) The average salary (A) is multiplied by the Grand Number (GN),
- (ii) The average salary of other employees (AE) is multiplied by number of employees (N),
- (iii) (ii) is subtracted from (i), and
- (iv) The difference so obtained is divided by the number of Managers (NM).

Which of the following expressions indicates the average salary of the Managers ?

- (A)  $\frac{A \times GN - (AE \times N)}{NM}$
- (B)  $\frac{A \times GN}{(AE \times N) \times NM}$
- (C)  $\frac{GN - AE}{N \times NM}$
- (D)  $\frac{GN \times A - AE \times N}{NM}$
- (E) None of these

**65. For earthquake relief fund, each employee of a company had contributed an amount equal to the total number of employees (N) in the company. To this amount was added the contribution made by 10 Directors, each of whom had paid Rs. 100 more than what each employee had paid. Which of the following expressions indicate the total contribution made by the company ?**

- (A)  $N \times N + 10 \times (N + 100)$
- (B)  $N \times N + 10 \times (100 + N)$
- (C)  $N \times N + 10 \times (N + 100)$
- (D)  $N \times N + 10 \times (100 + N)$
- (E) None of these

**Directions (Q. 66-68) Study the following information carefully to answer these questions**

Seven executives A, B, C, D, E, F and G from a company have to visit seven different places Ahmedabad, Kolkata, Delhi, Chennai, Hyderabad, Bangalore and Jaipur to market their newly launched product. The order of persons and cities may not be necessarily the same. Each one flies by a different airline Spicejet, King-fisher, Sahara, Jet, Air Deccan, Indian Airlines, Air India, not necessary in the same order. C goes to Kolkata but not by Sahara or Jet Airlines. D flies by Air India to Bangalore. The one who goes to Jaipur does not travel by Air Deccan or Sahara. E travels by Air Deccan. A does not go to Ahmedabad. F travels to Hyderabad by Spice jet. B goes to Chennai by Kingfisher. E does not go to Ahmedabad. G does not go to Jaipur.

**66. Who travels by Sahara Airlines ?**

- (A) A
- (B) C
- (C) G
- (D) Cannot be determined
- (E) None of these

**67. Who goes to Jaipur ?**

- (A) A (B) E
- (C) G (D) D

(E) None of these

**68. The one who travels by Air Deccan, visits which place ?**

- (A) Ahmedabad
- (B) Delhi
- (C) Chennai
- (D) Bangalore
- (E) None of these

**Directions (Q. 69-75) Study the following information carefully and answer the given questions**

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement

Input day case 20 13 now for 49 56

Step I 13 day case 20 now for 49 56

Step II 13 now day case 20 for 49 56

Step III 13 now 20 day case for 49 56

Step IV 13 now 20 for day case 49 56

Step V 13 now 20 for 49 day case 56

Step VI 13 now 20 for 49 day 56 case

and Step VI is the last step As per the rules followed in the above steps, find out in each of the following questions the appropriate Step for the given input.

**69. Input : yes 21 far 32 17 12 wide goal Which of the following will be Step V of the above input ?**

- (A) 12 yes 21 wide 32 far 17 goal
- (B) 12 yes 21 wide far 32 17 goal
- (C) 12 yes 21 far 32 17 wide goal
- (D) There will be no such step
- (E) None of these

**70. Step IV of an input is : 17 hotel 29 father 83 76 door eye. Which of the following will be Step VII ?**

- (A) 17 hotel 29 father 76 door 83 age
- (B) 17 hotel 29 father 76 age 83 door
- (C) 17 hotel 29 father 76 83 door age
- (D) There will be no such step
- (E) None of these

**71. Step III of an input is : 25 win 32 85 73 tax break home. How many more steps will be required to complete the rearrangement ?**

- (A) Five (B) Four
- (C) Six (D) Seven
- (E) None of these

**72. Step III of an input is : 37 yellow 42 61 53 violet green red. How many more steps will be required to complete the rearrangement ?**

- (A) 3 (B) 4
- (C) 5 (D) 6
- (E) None of these

**73. Input : can you go there 22 36 13 46.**

How many steps will be required to complete the rearrangement ?

- (A) 7 (B) 8  
(C) 6 (D) 5  
(E) None of these

74. Input : 42 36 go and come back 20 15 Which of the following steps will be the last but one ?

- (A) IV (B) V  
(C) VII (D) VIII  
(E) None of these

75. Step II of an input is : 39 sure 72 63 height over 42 lamp. Which of the following is definitely the input ?

- (A) height 39 sure 72 63 over 42 lamp  
(B) 72 63 39 sure height over 42 lamp  
(C) 63 39 sure 72 height over 42 lamp  
(D) Cannot be determined  
(E) None of these

### Answers with Explanation :

1. (A)  $H H H \rightarrow (4 + 2 + 1) = 7$

$H H \rightarrow (2 + 1) = 3$

$(H H H) \rightarrow (H H)$

$= 7 \rightarrow 3 = 21$

$= (16 + 0 + 4 + 0 + 1)$

$= H 1 H 1 H$

2. (C) 20% of 45 = 9

$= (8 + 0 + 0 + 1)$

$= H 1 1 H$

03. (E)  $7 = 4 + 2 + 1$

$= H H H$

04. (B)  $(H H 1) + (H 1 H H)$

$= (4 + 2 + 0) + (8 + 0 + 2 + 1)$

$= 6 + 11 = 17$

$= (16 + 0 + 0 + 0 + 1)$

$= H 1 1 1 H$

05. (D)  $H 1 H 1 \rightarrow (8 + 0 + 2 + 0)$

$= 10$

06. (E) Only lotus is a water flower.

07. (C) As 'Jackal' is 'Carnivorous' in the same way 'Goat' is a 'Herbivorous'.

08. (B) The colour of 'Grass' is 'green' and 'green' is called 'black'. Hence the colour of 'Grass' is black.

09. (D) R A I D % # H \$

and R I P E % H @ A ©

D E A R % \$ A © # %

10. (A) As 'Radish' is related to 'Root' in the same way 'Brinjal' is related to 'Fruit'.

11. (D) The data even in both the statements I and II are not sufficient to answer the question.

12. (E) From I and II,

$36 \$ 4 H 8 = 36 \cdot 4 \cdot 8$

$= 8 = 72$

13. (C) From I,

$15 + 11111 + 10$

Sudhir Samir

Samir's rank from the top is 20th.

From II,  $12 + 1111 + 14$

Neeta Samir

Samir's rank from the top is 16th.

14. (A) From I,  $N > Q > F > L, G$

Hence N was the first to reach the college.

From II,  $N > F, G$

and  $F > L$

There is no any information regarding Q.

15. (E) From I,

she is fat  $\hat{A}$  he ra ca

From II, fat boy  $\hat{A}$  ra ka

From I and II,

fat  $\hat{A}$  ra

16. (D) 17. (A) 18. (A) 19. (B) 20. (D)

21. (C) 22. (A) 23. (D) 24. (E) 25. (B)

26. (D)  $G \# H \hat{A} G \leq H$

$H \$ K \hat{A} H \geq K$

and  $K @ M \hat{A} K > M$

$G \leq H \geq K > M$

I.  $M \# G \hat{A} M \leq G$  (False)

II.  $G \& M \hat{A} G <$

27. (A)  $F \$ D \hat{A} F \geq D H \# M \hat{A} H \leq M$  and  $M \% D \hat{A} M = D \setminus F \geq D = M \geq H$  I.  $F \$ H \hat{A} F \geq H$  (True) II.  $F @ H \hat{A} F > H$  (False)

28. (D)  $R \& M \hat{A} R < m = "Q" > Q$  (False)

29. (E)  $F \# R \hat{A} F \leq R$

$Q \$ R \hat{A} Q \geq R$

and  $Q \& M \hat{A} Q <$

30. (C)  $D \& T \hat{A} D < m = "T" >$

31. (B)  $E \% H \hat{A} E = H H \$ M \hat{A} H \geq M$  and  $M \# Q \hat{A} M \leq Q \setminus E = H \geq M \leq Q$  I.  $H \$ Q \hat{A} H \geq Q$  (False) II.  $E \$ M \hat{A} E \geq M$  (True)

32. (E)  $S \# A \hat{A} S \leq A S @ T \hat{A} S > T$

and  $L \& T \hat{A} L < L$  (True)

33. (A)  $G \$ J \hat{A} G \geq J$

$J @ K \hat{A} J \geq K$

and  $K \% N \hat{A} K = N$

$G \geq J > K = N$

I.  $G @ N \hat{A} G > N$  (True)

II.  $G \% N \hat{A} G = N$  (False)

34. (B)  $L \$ 3$  and  $B \# 1$

35. (A)

36. (B) After dropping all the vowels we get,

Here 13th element from the right is 7 and fifth element to the right of 7 is G.

37. (A) On reversing the first ten elements we get,

11th element from the left is 3 and the third element to the left of 3 is D.

38. (D)

39. (C) F E B and J U V

40. (E) 8th element from the left is % and 10th element from the right is G. The element exactly midway betwe'en % and G is F.

41. (D) Batch II do lean window out of not

Batch III do lean not win-dow out of

Batch IV do lean not of window out

42. (B) Input please do not delay the matter

Batch I delav please do not the matter

Batch II delay do please not the matter

Batch III delay do matter please not the

43. (D)

44. (E) Batch II children for not is good watching television

Batch III children for good not is watching television

Batch IV children for good is not watching television

Batch V children for good is not television watching

45. (C) Input necessary arrange-ments have already been made

Batch I already necessary arrangements have been made

Batch II already arrange-ments necessary have been made

Batch III already arrange-ments been neces-sary have made

Batch IV already arrange-ments been have necessary made

Batch V already arrange-ments been have made necessary

This is the last batch.

46. (D) Ms. Suneeta fulfils all the conditions. Hence she is to be selected.

47. (A) Rakesh Rao fulfils all the conditions except (iv) but he has been working as a software manager for the last 6 years so according to (b) his case is to be referred to V.P.

48. (A) Ram Kumar fulfils all the conditions except (iv) but he has been working as a software manager for the last 6 years so according to (b) his case is to be referred to V.P.

49. (C) Since the marks obtained by Nishant in graduation are not given. So the data provided is not sufficient to take a decision.

50. (E) Kalyani is a Telecommuni-cation engineer. Hence she is not to be selected.

51. (C) The marks of graduation is not given. So data is inadequate to take the decision.

52. (D) Abhijit fulfils all the condi-tions. Hence he is to be selected.

53. (D) Giridhar fulfils all the condi-tions. Hence he is to be selected.

54. (E) Nikita does not fulfil the condition V. Hence she is not to be selected.

55. (B) Mr. Rajan does not fulfil the condition (i) But he passed the Electronics Engineering will more than 65%. Hence according to (a) his case is to be referred to G.M.

56. (D) 57. (B) 58. (C) 59. (A) 60. (E)

61. (B) 62. (E) 63. (E) 64. (D) 65. (B)

66. (C) 67. (A) 68. (B)

69. (E) Input yes 21 far 32 17 12 wide goal

Step I 12 yes 21 far 32 17 wide goal

Step II 12 yes 17 21 far 32 wide goal

Step III 12 yes 17 wide 21 far 32 goal

Step IV 12 yes 17 wide 21 goal far 32

Step V 12 yes 17 wide 21 goal 32 far

70. (D) Step IV 17 hotel 29 father 83 76 door eye

Step V 17 hotel 29 father 76 83 door eye

Step VI 17 hotel 29 father 76 eye 83 door

There will be no VII step.

71. (E) Step III 25 win 32 85 73 tax break home

Step IV 25 win 32 tax 85 73 break home

Step V 25 win 32 tax 73 85 break home

Step VI 25 win 32 tax 73 home 85 break

To complete the rearrange-ment there will be 3 more steps.

72. (A) Step III 37 yellow 42 61 53 violet green red

Step IV 37 yellow 42 violet 61 53 green red

Step V 37 yellow 42 violet 53 61 green red

Step VI 37 yellow 42 violet 53 red 61 green

Hence to complete the rearrange-ment 3 more steps will be required.

73. (A) Input can you go there 22 36 13 46

Step I 13 can you go there 22 36 46

Step II 13 you can go there 22 36 46

Step III 13 you 22 can go there 36 46

Step IV 13 you 22 there can go 36 46

Step V 13 you 22 there 36 can go 46

Step VI 13 you 22 there 36 go can 46

Step VII 13 vou 22 there 36 go 46 can

Hence to complete the rearrangement 7 steps will be required.

74. (B) Input 42 36 go and come back 20 15

Step I 15 42 36 go and come back 20

Step II 15 go 42 36 and come back 20

Step III 15 go 20 42 36 and come back

Step IV 15 go 20 come 42 36 and back

Step V 15 go 20 come 36 42 and back

Step VI 15 go 20 come 36 back 42 and

The last but one step is V.

75. (D)