DMRC Placement Paper Contributed by Ankita

Numerical Aptitude

1. (95.6x 910.3) ÷ 92.56256 = 9?
(A) 13.14
(B) 12.96
(C) 12.43
(D) 13.34
(E) None of these

2. (4 86%of 6500) ÷ 36 =?
(A) 867.8
(B) 792.31
(C) 877.5
(D) 799.83
(E) None of these

3. (12.11)2 + (?)2 = 732.2921
(A)20.2
(B) 24.2
(C)23.1
(D) 19.2
(E) None of these

4.576÷ ? x114=8208
(A)8
(B)7
(C)6
(D)9
(E) None of these

5. (1024263233)÷(986764 156) =?
(A)9
(B)6
(C)7
(D)8
(E) None of these

6. ?125÷5x ?=6265
(A)1253
(B) 1250
(C)1245
(D) 1550
(E) None of these

7.(42)2÷6.3 x 26 =?
(A)7182
(B) 7269
(C)7260
(D) 7240

(E) None of these

8.384×12×2=?
(A)9024
(B) 9216
(C)6676
(D) 6814
(E) None of these

9.6534÷40÷33=?
(A)3.06
(B) 5.25
(C)4.82
(D) 6.12
(E) None of these

10. ?2704 x ?2209=?
(A)1996
(B)2444
(C)2452
(D)1983
(E)None of these

11.2536+4851?=3450+313
(A)3961
(B)4532
(C)3624
(D)4058
(E) None of these

12. (2560 x 1.4) +(7400 x 0.6) =?
(A)7512
(B) 9746
(C)6523
(D) 8024
(E) None of these

13. 36%of 850+? %of 592 = 750
(A)73
(B)89
(C)82
(D)75
(E) None of these

14.64%of 2650+40% 0f 320=?
(A)1824
(B) 1902
(C)1829
(D) 1964
(E) None of these

15. 486+32×2559=?
(A) 514
(B) 528
(C) 599
(D) 507

(E) None of these

16. 1827 ÷ 36 x ?=162.4
(A)4.4
(B)3.2
(C)2.1
(D) 3.7
(E) None of these

17. 1008÷36=?
(A)28
(B) 32.5
(C)36
(D) 22.2
(E) None of these

18. 56.21 +2.36+5.41 21.4+1.5=?
(A)40.04
(B) 46.18
(C)44.08
(D) 43.12
(E) None of these

19. 65%of 320+?=686
(A) 480
(B) 452
(C)461
(D) 475
(E) None of these

20. 83250÷?=74×25
(A)50
(B) 45
(C)40
(D) 55
(E) None of these

21. ?7744=?
(A)88
(B)62
(C)58
(D)78
(E)None of these

22.35%of ?=242
(A)729
(B)652
(C)693
(D)759
(E) None of these

23. 1256+4813+765=?
(A)5642
(B) 5876
(C)6788

(D) 6878

(E) None of these

24. 22 x4+(?)2=(13)2

(A) 81

(B) 9

(C) 27

(D) 64

(E) None of these

25. 432+2170+35=?

(A)494

(B) 475

(C)481

(D) 469

(E) None of these

26. Three numbers are in the ratio of 3: 4 :5 respectively. If the sum ofthe first and third numbers is more than the second number by 52, then which will be the largest number?

(A) 65

(B) 52

(C) 79

(D) 63

(E) None of these

27. The compound interest on a certain amount for 2 years at the rate of 8 p.c.p.a. is Rs.312. What will be the simple interest on the same amount and at the same rate and same time?

(A)Rs. 349.92

(B) Rs. 300

(C)Rs. 358.92

(D) Rs. 400

(E) None of these

28. The length of a rectangle exceeds its breadth by 7 ems. If the length is decreased by 4 cm. and the breadth is increased by 3 cms., then the area of the new rectangle will be the same as the area of the original rectangle. What will be the perimeter of the original rectangle?

(A)45 cms.

(B)40 cems.

(C)50 cms.

(D)55 cms.

(E)None of these

29. The sum of the digits of a two digit number is 12. If the new number formed by reversing the digits is greater than the original number by 54, then what will be the original number?

(A)28

(B) 48

(C)39

(D) 93

(E) None of these

30. In a fraction, twice the numerator is two more than the denominator. If 3 is added to the numerator and the denominator each, then the resultant fraction will be 2/3 .What was the original fraction?

(A)5/18

(B)6/13

(C)13/6

(D)7/12
(E) None of these

31. Four-fifth of a number is 10 more than two-third of the same number.What is the number?
(A) 70
(B) 75
(C) 69
(D) 85
(E) None of these

32. A shopkeeper purchased 200 bulbs for Rs. 10 each. However, 5 bulbs were fused and had to be thrown away. The remaining were sold at Rs. 12 each. What will be the percentage profit?
(A) 25
(B) 15
(C) 13
(D) 17
(E) None of these

33. What should come in the place of question mark (?) in the number series given below?
25, 34, 52,79, 115,?
(A)160
(B) 140
(C)153
(D) 190
(E)None of these

34. What number should replace both the question marks (?) in the following question ?
?/144= 49 /?
(A)95
(B) 76
(C)82
(D) 84
(E)None of these

35. The sum of three consecutive even numbers is 252. What is the sum of the smallest and the largest numbers?
(A)158
(B) 148
(C)168
(D) 198
(E) None of these

36. Ajay spends 25% of his salary on house rent, 5% on food, 15% on travel, 10% on clothes and the remaining amount of Rs. 27,000 is saved. What is Ajays income?
(A) Rs. 60,000
(B) Rs. 80,500
(C) Rs. 60,700
(D) Rs. 70,500
(E) None of these

37. In how many different ways, can the letters of the word CRISIS be arranged ?
(A) 150
(B) 240
(C) 120
(D) 200

(E) None of these

38. At each corner of a square park with side equal to 40 m, there is a flower bed in the form of a sector of radius 14 m. What is the area of the remaining part of the park?
(A)984 Square m
(B) 789 Square m
(C) 1014 Square m
(D) 1024 Square m
(E) None of these

39. The length of a rectangular field is thrice its breadth. If the cost of cultivating the field at Rs. 367.20 per square meter is Rs. 27,540, then what is the perimeter of the rectangle?
(A)47m
(B) 39m
(C)52m
(D)40m
(E) None of these

40. If the fractions8/5,7/2,9/5,5/4,4/5 are arranged in descending order of their values, which one will be fourth?
(A)4/5
(B)5/4
(C)9/5
(D)8/5
(E) 7/2

41. The present ages of Chetna and Shikha are in the ratio of 5 :7 respectively. After 7 years, their ages will be in the ratio of 11:14 respectively. What is the difference between their ages?
(A)9 years
(B) 4 years
(C)5 years
(D) 7 years
(E) None of these

42. If 13 men can complete a piece of work in 36 days, then in how many days will 18 men complete the same work?
(A)16 days
(B) 20 days
(C)26 days
(D) 30 days
(E) None of these

43. If the area of a circle is 75.44 square cm then what is the circumference of the circle?
(A)29.2 cm
(B) 28.9 cm
(C)30.8 cm
(D) 40.2 cm
(E) None of these

44. Girish started a business investing Rs. 45,000. After 3 months, Vijay joined him with a capital of Rs. 60,000. After another 6 months, Ankush joined them with a capital of Rs. 90,000. At the end of the year, they made a profit of Rs. 16,500. What is Girishs share of profit ?
(A) Rs. 5,500
(B) Rs. 6,000
(C) Rs. 6,600
(D) As. 5,900

(E) None of these

45. What is the average age of a family of five members, whose ages are 42, 49, 56, 63 and 35 years respectively?
(A)60 years
(B) 49 years
(C)45 years
(D) 58 years
(E) None of these

46. A and B are two taps which can fill a tank individually in 10 minutes and 20 minutes respectively. However, there is a leakage at the bottom which can empty a filled tank in 40 minutes. If the tank is empty initially, how much time will both the taps take to fill the tank (leakage is still there) ?
(A) 8 minutes
(B) 7 minutes
(C) 10 minutes
(D)15 minutes
(E) None of these

47. What is 50% of 40% of Rs. 3,450?
(A) Rs. 690
(B) As. 520
(C) Rs. 517.5
(D) Rs. 499.2
(E) None of these

48. If an amount of Rs. 5,86,700 is distributed equally amongst 25 persons, then how much would each person get?
(A) Rs. 2,54,876
(B) Rs. 2,34,68
(C) Rs. 3,74,20
(D) Rs. 1,95,62
(E) None of these

49. An urn contains 9 blue, 7 white and 4 black balls. If 2 balls are drawn at random, then what is the probability that only one ball is white?
(A) 71/190
(B) 121/190
(C) 91/190
(D) 93/190
(E) None of these

50. If the price of 5 transistors and 2 pen stands is Rs. 810, then what will be the price of 7 transistors and 9 pen stands?
(A) Rs. 1,320
(B) Rs. 1,500
(C) Rs.1,150
(D) Cannot be determined
(E) None of these

English Language

Directions(Q. 115) Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in bold to help you locate them while answering some of the questions.

Mihir and Mahadev lived in the same village. While Mahadev owned the largest shop in the village, Mihir was a poor farmer. Both had large families, with many sons, daughtersin-law and grandchildren. One day, Mihir, tired of not being able to make ends meet, decided to leave the village and move to the city where they were sure to make enough to feed everyone. They said their goodbyes, packed their few belongings and set off. When night fell, they stopped under a large tree. There was a stream running nearby, where they could refresh themselves. Mihir told his sons to clear the area below the tree. He told his wife to fetch water. He instructed his daughters-in-law to make up the fire and started cutting wood from the tree himself. Now, in the branches of that tree sat a thief. He watched as Mihirs family worked together. He also noticed they had nothing to cook. Mihirs wife too thought the same, for she said to her husband, Everything is ready. But what shall we eat ? Mihir raised his hands to heaven and said, Dont worry. He is watching all this from above. He will help us.

The thief was worried. He had seen that the family was large and worked well together. Surely they did not know he was hiding in the branches ?He decided to make a quick getaway. He climbed down swiftly when they were not looking and ran for his life. But, he left behind his bundle of stolen jewels and money, which dropped down into Mihirs lap. He opened it and jumped with joy when he saw the contents. The family promptly gathered its belongings and returned to the village. There was greatexcitement when they told everyone how they got .

Mahadev thought this was a nice quick way to earn some money ! He commanded his family to pack some clothes and they set off as if on a journey. They stopped under the same tree and Mahadev started commanding everyone as Mihir had done. But no one in his family was willing to obey orders. They were used to having servants wait on them so the one who went to the river to fetch water had a nice bath. The one who went to gather wood for the fire went off to sleep beneath the tree. And Mahadev only ordered everyone about, not bothering to do anything himself. Meanwhile the thief had returned to the tree. He noticed the family members were greedy and selfish. They would never be able to put up a fight together. Then, Mahadev and his wife started the conversation that they had rehearsed carefully. Mahadevs wife said, Everything is ready. But what shall we eat ? Mahadev raised his hands upwards and said,Dont worry. He is watching all this from above. He will help us.

At this, the thief jumped down from the tree, knife in hand. Seeing him, everyone started running helter skelter to save themselves. The thief stole everything. Mahadev and his family had to return to the village empty-handed, having lost all the jewellery and gold they had taken with them.

1. Which of the following cannot be said about Mihirs family ?
(a) They respected and obeyed Mihir.
(b) They were so poor that they sometimes had to starve.
(c) They had no friends in the village when they were poor.
(A) None
(B) Only (c)
(C) Only (b) and (c)
(D) Only (b)
(E) All (a), (b) and (c)

2. Why did Mihir and his family decide to camp under the thiefs tree ?
(A) Being a large family they knew they could capture the thief
(B) It was a convenient spot to camp for the night
(C) It was the only tree large enough to shelter the whole family
(D) there was a stream nearby and wood to build a house
(E) Exhausted after the days travel they couldnt walk any more

3. Why did the thief leave the valuables he had stolen behind ?
(A) Seeing Mihirs faith in God the thief was filled with remorse
(B) Feeling sorry for Mihirs family he decided to donate the valuables to them
(C) He was afraid that God would punish him for stealing
(D) In his hurry to run away he forget to take the valuables along
(E) He was confident that they were so well hidden that they would not be found

4. Which of the following best describes Mahadev ?
(A) He was a rich businessman
(B) He bullied his wife so she obeyed him
(C) He paid his servants well to look after his familys needs
(D) He was greedy and had cheated Mihir
(E) He was brave and decided to trick the thief

5. Why did Mihirs family return to the village ?
(A) To show off their newfound wealth
(B) To buy back their land and start a business
(C) They had no need to shift to the city
(D) To share their wealth with the other villagers
(E) They wanted to sing Gods praises to all the villagers

6. What made Mihir utter the phrase, He is watching all this from above. ?
(A) He had spotted the thief and wanted to frighten him off
(B) He was telling his wife to trust God to look after them
(C) It was a warming to his family members to stick together
(D) He was begging the thief for help to feed his family
(E) None of these

7. Which of the following is TRUE in the context of the passage ?
(A) Mahadev planned to seek his fortune in the city as Mihir had
(B) Mihirs family preferred to live in the city
(C) Mahadev had no intention of moving to the city
(D) Mahadev lost his entire life savings to the thief
(E) The thief only robbed those whom he did not like

8. Why did the thief return to the tree ?
(A) To plot how to get his money back
(B) He thought no one would look for him there
(C) To keep a watch on Mahadevs family
(D) Not mentioned in the passage
(E) None of these

9. Why was the thief not afraid of Mahadevs family ?
(A) They had not brought their servants along to protect them
(B) Seeing their wealth he suspected them of stealing his loot
(C) He had weapons to defend himself
(D) Mahadevs family was not as large as Mihirs
(E) None of these

10. How did the villagers react to Mihirs new found wealth ?
(A) They tried hard to coax him to reveal the secret of his wealth
(B) They followed his example and became more devout
(C) They pretended to happy for him but were secretly jealous
(D) They each plotted to visit the tree and get rich quickly

(E) None of these

Directions(Q. 11–13) Which of the following is most similar in meaning to the word given in bold as used in the passage.

11. make
(A) earn
(B) estimate
(C) prepare
(D) build
(E) settle

12. lost
(A) defeated
(B) failed
(C) forfeited
(D) wasted
(E) destroyed

13. getaway
(A) holiday
(B) freedom
(C) fantasy
(D) escape
(E) relaxation

Directions(Q. 14–15) Which of the following is most opposite in meaning of the word given in bold as used in the passage.

14. rehearsed
(A) repeated
(B) forced
(C) fake
(D) unplanned
(E) effortless

15. willing
(A) oblige
(B) reluctant
(C) distracted
(D) determined
(E) obstacle

Directions(Q. 16–25) Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The letter of that part is
the answer. If there is no error the answer is (E). (Ignore errors of punctuation, if any)

16. The majority of the population believes (A) / that the stock market is recovered (B) / and that it is the (C) / right time to buy shares. (D) No error (E)

17. Seemas new office is close (A) / to her residence so (B) / she will not longer (C) / have to travel by train. (D) No error (E)

18. In the present guidelines, (A) / the bank is required to obtain (B) /a photograph from any person (C) / who wishes to open an account. (D) No error (E)

19. Chetan puts in a lot (A) / of effort to ensure (B) / that the scheme was (C) / launched in March. (D) No error

(E)

20. As our economy is (A) / experiencing a recession, banks (B) / have became very cautious (C) / about giving loans. (D) /No error (E)

21. After retiring she spent (A) / most of her time teaching young (B) /doctors and motivating themselves (C) / to work in rural areas. (D) /No error (E)

22. Since this foreign bank has (A) / not performed very good this year (B) / it will not be setting / up any new branches. (D) /No error (E)

23. Our Chairman is deeply concerned (A) / about the environment (B) / and plans to take some steps to reduce the (C) / pollution caused by our factories. (D) /No error (E)

24. He was afraid that his parents (A) / would not allow him to (B) / make the film so he did (C) / not tell them about it. (D) /No error (E)

25. I was previously posted (A) / in Singapore and it (B) / took me a long time (C) / to accustom to the food. (D) /No error (E)

Logical Reasoning

1. Six members of a familyare travelling these are a,b,c,d,e, and f. b is the son of c but c is not mothers of b. a and c are a married couple, e is the brother of c. d is the daughter of a. f is the brother
of b.who is the wife of e:
(a) a
(b)f
(c)b
(d) cant be determined

2.Six members of a familyare travelling these are a,b,c,d,e, and f. b is the son of c but c is not mothers of b. a and c are a married couple, e is the brother of c. d is the daughter of a. f is the brother
of b. which of following is pair of female
(a)ae
(b)bd
(c)df
(d)ad

3. Six members of a familyare travelling these are a,b,c,d,e, and f. b is the son of c but c is not mothers of b. a and c are a married couple, e is the brother of c. d is the daughter of a. f is the brother
of b. how is e related to d:
(a) father
(b)brother
(c)uncle
(d)none of these

4.There is a group of five teachers a,b,c,d and e
- b and c teaches maths and geography
- a and c teach maths and history
- b and d teach political science and geofraphy
- d and e tech political science and biology
- e teaches biology, history, and political science
who teaches political science, geography and biology
(a)e
(b)d

(c)c
(d)b

5. There os a group of five teachers a,b,c,d and e
- b and c teaches maths and geography
- a and c teach maths and history
- b and d teach political science and geofraphy
- d and e tech political science and biology
- e teaches biology, history, and political science
who teaches in mathematics, political science and geography:
(a) a
(b)b
(c)d
(d)e

6. There os a group of five teachers a,b,c,d and e
- b and c teaches maths and geography
- a and c teach maths and history
- b and d teach political science and geofraphy
- d and e tech political science and biology
- e teaches biology, history, and political science
who teaches maths, geography and history
(a) c
(b)e
(c)a
(d)b

7. There os a group of five teachers a,b,c,d and e
- b and c teaches maths and geography
- a and c teach maths and history
- b and d teach political science and geofraphy
- d and e tech political science and biology
- e teaches biology, history, and political science
who teaches maths, geography and history
(a) e
(b)a
(c)d
(d)c

8.There os a group of five teachers a,b,c,d and e
- b and c teaches maths and geography
- a and c teach maths and history
- b and d teach political science and geofraphy
- d and e tech political science and biology
- e teaches biology, history, and political science
who teaches political science, history and biology
(a)a
(b)b
(c)c
(d)e

9.1.gita, ravi and suresh are children of. mr. and mrs. khanna
2. renu,raja and sumit are children of mr. and mrs. chopra
3. sumit and gita are married and ashok and sanjay their children
4. garima and ram are children of mr. and mrs. chawla/

5 garima is married to suresh and has three children rata,sonu,raju
how is ravi related to raju
(a)brother
(b)uncle
(c)cousin

10.1.gita, ravi and suresh are children of. mr. and mrs. khanna
2. renu,raja and sumit are children of mr. and mrs. chopra
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4. garima and ram are children of mr. and mrs. chawla/
5 garima is married to suresh and has three children rata,sonu,raju
how ravi related to ashok
(a)maternal uncle
(b)cousin
(c)brother in law
(d)father in law

11.1.gita, ravi and suresh are children of. mr. and mrs. khanna
2. renu,raja and sumit are children of mr. and mrs. chopra
3. sumit and gita are married and ashok and sanjay their children
4. garima and ram are children of mr. and mrs. chawla/
5 garima is married to suresh and has three children rata,sonu,raju
how is ram related to suresh:
(a)brother
(b)cousin
(c)uncle
(d)brother in law
(d)maternal uncle

12. 1.gita, ravi and suresh are children of. mr. and mrs. khanna
2. renu,raja and sumit are children of mr. and mrs. chopra
3. sumit and gita are married and ashok and sanjay their children
4. garima and ram are children of mr. and mrs. chawla/
5 garima is married to suresh and has three children rata,sonu,raju
what is the surname of sanjay:
(a) chawla
(b) chopra
(c) khanna
(d) suresh

13. 1.gita, ravi and suresh are children of. mr. and mrs. khanna
2. renu,raja and sumit are children of mr. and mrs. chopra
3. sumit and gita are married and ashok and sanjay their children
4. garima and ram are children of mr. and mrs. chawla/
5 garima is married to suresh and has three children rata,sonu,raju
how is ram related to rita:
(a) brother
(b) uncle
(c) maternal uncle
(d) cousin

14. 1.gita, ravi and suresh are children of. mr. and mrs. khanna
2. renu,raja and sumit are children of mr. and mrs. chopra
3. sumit and gita are married and ashok and sanjay their children
4. garima and ram are children of mr. and mrs. chawla/

5 garima is married to suresh and has three children rata,sonu,raju

renu is sanjay's ----------

(a) sister

(b)sister in law

(c)aunty

(d)cousin

15. 1.gita, ravi and suresh are children of. mr. and mrs. khanna

2. renu,raja and sumit are children of mr. and mrs. chopra

3. sumit and gita are married and ashok and sanjay their children

4. garima and ram are children of mr. and mrs. chawla/

5 garima is married to suresh and has three children rata,sonu,raju

raju's sur name is:

(a) chawla

(b)khanna

(c)chopra

(d)none of these

16. 1.gita, ravi and suresh are children of. mr. and mrs. khanna

2. renu,raja and sumit are children of mr. and mrs. chopra

3. sumit and gita are married and ashok and sanjay their children

4. garima and ram are children of mr. and mrs. chawla/

5 garima is married to suresh and has three children rata,sonu,raju

sumit and suresh are related as:

(a) brother in law

(b)cousin

(c)brother

(d)uncle

17. 1.gita, ravi and suresh are children of. mr. and mrs. khanna

2. renu,raja and sumit are children of mr. and mrs. chopra

3. sumit and gita are married and ashok and sanjay their children

4. garima and ram are children of mr. and mrs. chawla/

5 garima is married to suresh and has three children rata,sonu,raju

how sonu related to ravi.

(a) brother

(b)brother in law

(c)nephew

(d)father

18.1.gita, ravi and suresh are children of. mr. and mrs. khanna

2. renu,raja and sumit are children of mr. and mrs. chopra

3. sumit and gita are married and ashok and sanjay their children

4. garima and ram are children of mr. and mrs. chawla/

5 garima is married to suresh and has three children rata,sonu,raju

how garima is related to mr. & mrs. khanna:

(a)daughter

(b)neice

(c)sister in law

(d)daughter in law

19. 1.gita, ravi and suresh are children of. mr. and mrs. khanna

2. renu,raja and sumit are children of mr. and mrs. chopra

3. sumit and gita are married and ashok and sanjay their children

4. garima and ram are children of mr. and mrs. chawla/

5 garima is married to suresh and has three children rata,sonu,raju
how ashok and sanjay are lated to mr. mrs. copra:
(a)sons
(b)nephews
(c)grand son
(d)none of these

20. In the office amongst staff a,b,c,d ,e of g. h there is only computer. a programe has to be made and can be made by only one person at a time. the office has 3 shifts, the morning shift from 6 am-12 am has 3 staff, afternoon shift from 12am. to 6 pm. has 3 staff, evening shift from 6 pm to 12 pm has 2 staff one of the person did not used a printer:
1. b is the last person who use the computer
2. h use the computer after a and came with a
3. d used the computer after h and come with h but before e
4. c used the computer before b but arrived after e
5. a use the computer before f and arrived before g
if g used a computer justbefore c who use 4:
(a) a
(b)b
(c)e
(d)d

21. In the office amongst staff a,b,c,d ,e of g. h there is only computer. a programe has to be made and can be made by only one person at a time. the office has 3 shifts, the morning shift from 6 am-12 am has 3 staff, afternoon shift from 12am. to 6 pm. has 3 staff, evening shift from 6 pm to 12 pm has 2 staff one of the person did not used a printer:
1. b is the last person who use the computer
2. h use the computer after a and came iwth a
3. d used the computer after h and come with h but before e
4. c used the computer before b but arrived after e
5. a use the computer before f and arrived before g
who arethe person in the night shift.
(a)f, g
(b)f, e
(c)b, e
(d)b, c

22. In the office amongst staff a,b,c,d ,e of g. h there is only computer. a programe has to be made and can be made by only one person at a time. the office has 3 shifts, the morning shift from 6 am-12 am has 3 staff, afternoon shift from 12am. to 6 pm. has 3 staff, evening shift from 6 pm to 12 pm has 2 staff one of the person did not used a printer:
1. b is the last person who use the computer
2. h use the computer after a and came iwth a
3. d used the computer after h and come with h but before e
4. c used the computer before b but arrived after e
5. a use the computer before f and arrived before g
who use the 2nd computer
(a) a
(b)h
(c)d
(d)e

23. In the office amongst staff a,b,c,d ,e of g. h there is only computer. a programe has to be made and can be made by only one person at a time. the office has 3 shifts, the morning shift from 6 am-12 am has 3 staff, afternoon shift from 12am. to 6 pm. has 3 staff, evening shift from 6 pm to 12 pm has 2 staff one of the person

did not used a printer:

1. b is the last person who use the computer
2. h use the computer after a and came iwth a
3. d used the computer after h and come with h but before e
4. c used the computer before b but arrived after e
5. a use the computer before f and arrived before g

who are the person in the morning shift

(a) hec

(b)ahd

(c)efg

(d)dec

24. In the office amongst staff a,b,c,d ,e of g. h there is onlycomputer. a programe has to be made and can be made by only one person at a time. the office has 3 shifts, the morning shift from 6 am-12 am has 3 staff, afternoon shift from 12am. to 6 pm. has 3 staff, evening shift from 6 pm to 12 pm has 2 staff one of the person did not used a printer:

1. b is the last person who use the computer
2. h use the computer after a and came iwth a
3. d used the computer after h and come with h but before e
4. c used the computer before b but arrived after e
5. a use the computer before f and arrived before g

who takes first computer

(a) a

(b)h

(c)d

(d)e

25. Seven persons p,q,r,s,t,u,v and w are to be assigned seven adjacent chambers on the same floor in a apartment according to following conditions:

1. u is assigned as far away from r as t is
2. p and r prefer to have adjacent chanmbers
3. v will have to be assigned chamber no. 5
4. q;s work requris him to speak on phone frequently through out the day.
5. p, s and t all smoke. v is allergic to toacco smoke and must have non smoker in the chamber ajjacent own.
6. unless otherwise specified all employeed maintain silence in their chambers.

the best location of s in on the floor is:

(a)2

(b)3

(c)4

(d)7