

RRB PO Pre 2022 (20th August) Shift-Wise Previous Year Paper Mock 02

Q1. If in the number "8634726521, position of the first and the second digit are interchanged, positions of the third and fourth digit are interchanged and so on till the positions of 9th and 10th digit are interchanged, then which digit will be 6th from the left end?

- (a) 7
- (b) 1
- (c) 3
- (d) 9
- (e) None of these

Directions
below:

There are ten floors in a building such that ground floor is numbered 1. Each of the floor consists of two flats. The floor immediately above the ground floor is numbered floor-1 and so on. F lives in east facing flat numbered 10 and in odd numbered floor. G lives in east facing flat as below of F and in even numbered floor. E does not live on same floor as F and G. There is a gap between floors of I and J.

Directions given

There are ten floors in a building such that ground floor is numbered 1. Each of the floor consists of two flats. The floor immediately above the ground floor is numbered floor-1 and so on. F lives in east facing flat numbered 10 and in odd numbered floor. G lives in east facing flat as below of F and in even numbered floor. E does not live on same floor as F and G. There is a gap between floors of I and J.

Q2. Who are

- (a) H
- (b) D
- (c) E
- (d) B
- (e) C

Q3. C lives on

- (a) 1st
- (b) 2nd
- (c) 3rd
- (d) 4th
- (e) 5th

Q4. Four of the following five belongs to a group in a certain way. Who does not belong to the group?

- (a) H
- (b) A
- (c) G
- (d) B
- (e) J

Q5. J lives on which floor and flat respectively?

- (a) 4,2
- (b) 5,1
- (c) 1,2
- (d) 2,1
- (e) 4,1

Q6. Who among the following lives on even numbered floor and even number flat?

- (a) H
- (b) I
- (c) G
- (d) J
- (e) E

Directions: Read the following statements and conclusions. Some of the statements may be true and some may be false. Some of the conclusions may be true and some may be false. Select the correct answer from the options given below. The answer is based on the facts given, not on your own knowledge or assumptions. The answer is based on the facts given, not on your own knowledge or assumptions.

Q7.

Statements:

Only Balls is a dog.

No Balls are cats.

Only few Cats are dogs.

Conclusion:

I. Some alloy balls are cats.

II. Some Balls are Dogs.

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusions I and II follow.

Q8.

Statements:

Only few cats are dogs.

All dogs are Tigers.

Only few Tigers are Zebra.

Conclusions:

I. Some Cats Being Zebra is a Possibility.

II. All Zebra being dogs is a Possibility.

-
- (a) If only conclusion I follows.
 - (b) If only conclusion II follows.
 - (c) If either conclusion I or II follows.
 - (d) If neither conclusion I nor II follows.
 - (e) If both conclusions I and II follow.

Q9.

Statements:

All Mouse are books.

All books are laptops.

Conclusion

I. All books are

II. All Laptop

(a) If only co

(b) If only co

(c) If either

(d) If neithe

(e) If both co

Directions

below:

In a certain

“Welcome w

“We are grea

“Great perso

“Cool being

information ca

tions given

Q10. What

(a) bf

(b) hu

(c) qt

(d) dm

(e) None of the above

Q11. What is the code for the word “Persons”?

(a) bf

(b) hu

(c) qt

(d) dm

(e) None of the above

Q12. Which of the following word is coded as “ch”?

- (a) we
- (b) are
- (c) Great
- (d) Being
- (e) None of the above

Q13. What is the code for the word “cool”?

- (a) bf
- (b) hu
- (c) qt
- (d) dm
- (e) None of the above

Q14. Which of the following word is coded as “xf”?

- (a) we
- (b) are
- (c) Great
- (d) Persons
- (e) None of the above

Directions
below:

Eight persons (G, H, I, J, K, L and M) are sitting in two rows in such a way that four persons sit in each row. Person sitting in row 1 faces north and persons in row 2 faces South. Persons sitting in row 1 face the persons sitting in row 2. They like different dishes i.e., Burger, Pizza, veg puff, Noodle, Roll, Sandwich, Momos and Fries. The following information is given:

G faces the person who likes Momos. The person who likes Sandwich sits immediate right of the person who likes Noodle. H sits immediate right of J who sits in Row 1. M likes Roll and faces the person who sits 2nd to the left of K. The person who likes Sandwich sits immediate right of the person who likes veg puff.

Q15. Who among the following faces L?

- (a) H
- (b) The person who like Momo
- (c) F
- (d) The person who like Fries
- (e) None of these

Q16. Which of the following dish does I likes?

- (a) Momo
- (b) Fries
- (c) Veg puff
- (d) Sandwich
- (e) None of these

Q17. Who among the following sits immediate left of the person who likes Pizza?

- (a) G
- (b) The person who likes Roll
- (c) I
- (d) The person who likes Sandwich
- (e) None of these

Q18. Which of the following is true?

- (a) M sits at the end of the row
- (b) L and G are immediate neighbors
- (c) M faces towards right
- (d) Two persons like Sandwich
- (e) All are true

Q19. Four of the following are in a certain way related to each other. Find the one which does not belong to that group.

- (a) J
- (b) G
- (c) K
- (d) L
- (e) I

Directions: Read the following statements and given statements and answer the questions.

Q20.

Statements: $P1 > P2 = P3 < P4 \leq P5 > P6$

Conclusions:

- I. $P5 > P2$
- II. $P6 > P3$

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either conclusion I or conclusion II follows
- (d) If neither conclusion I nor conclusion II follows
- (e) If both conclusions I and II follow

Q21.

Statements: $P \geq N > D \geq G < B \leq J$

Conclusions:

I. $G < P$

II. $G < J$

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either conclusion I or conclusion II follows
- (d) If neither conclusion I nor conclusion II follows
- (e) If both conclusions I and II follow

Q22.

Statements: $Q \leq E < I > N = R \geq S$

Conclusions:

I. $E \geq S$

II. $S \leq N$

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either conclusion I or conclusion II follows
- (d) If neither conclusion I nor conclusion II follows
- (e) If both conclusions I and II follow

Q23.

Statements: $R = S \geq Y \geq M < W > O$

Conclusions:

I. $Y < M$

II. $O > S$

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either conclusion I or conclusion II follows
- (d) If neither conclusion I nor conclusion II follows
- (e) If both conclusions I and II follow

Directions (24-28): Study the following information carefully and answer the questions given below:

Seven persons P, Q, R, S, T, U and V have an exam on different days of the same week starting from Monday to Sunday. They have their exam in seven different cities viz. A, B, C, D, E, F and G. The order of persons and cities are not necessarily in the same order. U has an exam in City D on Wednesday. Q does not have an exam in city A and C but his exam is on the next day of V who has an exam in City F. T has an exam in City E on Friday. P has an exam on Monday but not in City C and G. S has an exam in City A but not on Tuesday.

Q24. Who has exam on Saturday?

- (a) S
- (b) Q
- (c) V
- (d) Either S or V
- (e) None of These

Q25. On which day does Q has exam?

- (a) Sunday
- (b) Saturday
- (c) Tuesday
- (d) Cannot be determined
- (e) None of These

Q26. S has exam on

- (a) Saturday
- (b) Sunday
- (c) Tuesday
- (d) Thursday
- (e) None of These

Q27. Which

- (a) P-B-Wednesday
- (b) R-B-Monday
- (c) R-C-Monday
- (d) P-G-Sunday
- (e) None of These

Q28. Who has

- (a) R, Thursday
- (b) R, Tuesday
- (c) Q, Saturday
- (d) Q, Sunday
- (e) None of These

Directions (29-31): Study the following information and answer the questions given below.

In a family of nine members, there are five female members. There are three married couples in this family. R and Q both are mothers of two children. T is the brother-in-law of R. P is the father of R. V is the son-in-law of Q. Y is the brother of X. W is the daughter of S. W and V has no siblings. R has a sister.

Q29. How is X related to T?

- (a) Nephew
- (b) Niece
- (c) Aunt
- (d) Either (a) or (b)
- (e) Cannot be determined

Q30. How is S related to R?

- (a) Brother
- (b) Sister
- (c) Sister-in-law
- (d) Mother
- (e) Cannot be determined

Q31. How is P related to Q?

- (a) Daughter
- (b) Aunt
- (c) Mother
- (d) Grandmother
- (e) None of these

Directions
below:

There are eight people sitting in a circle. Some are facing inside and some are facing outside. The following information can be used to answer the questions given below:

Q32. Who is sitting opposite to P?

- (a) D
- (b) B
- (c) R
- (d) C
- (e) None of these

Q33. How many boys are facing outside from the centre?

- (a) None
- (b) Two
- (c) Four
- (d) Five
- (e) None of these



Q34. Who among the following boy sits 3rd to the right of R?

- (a) D
- (b) A
- (c) Q
- (d) B
- (e) None of these

Q35. If A interchanged his position with B, then who among the following boy sits 2nd to the left of A?

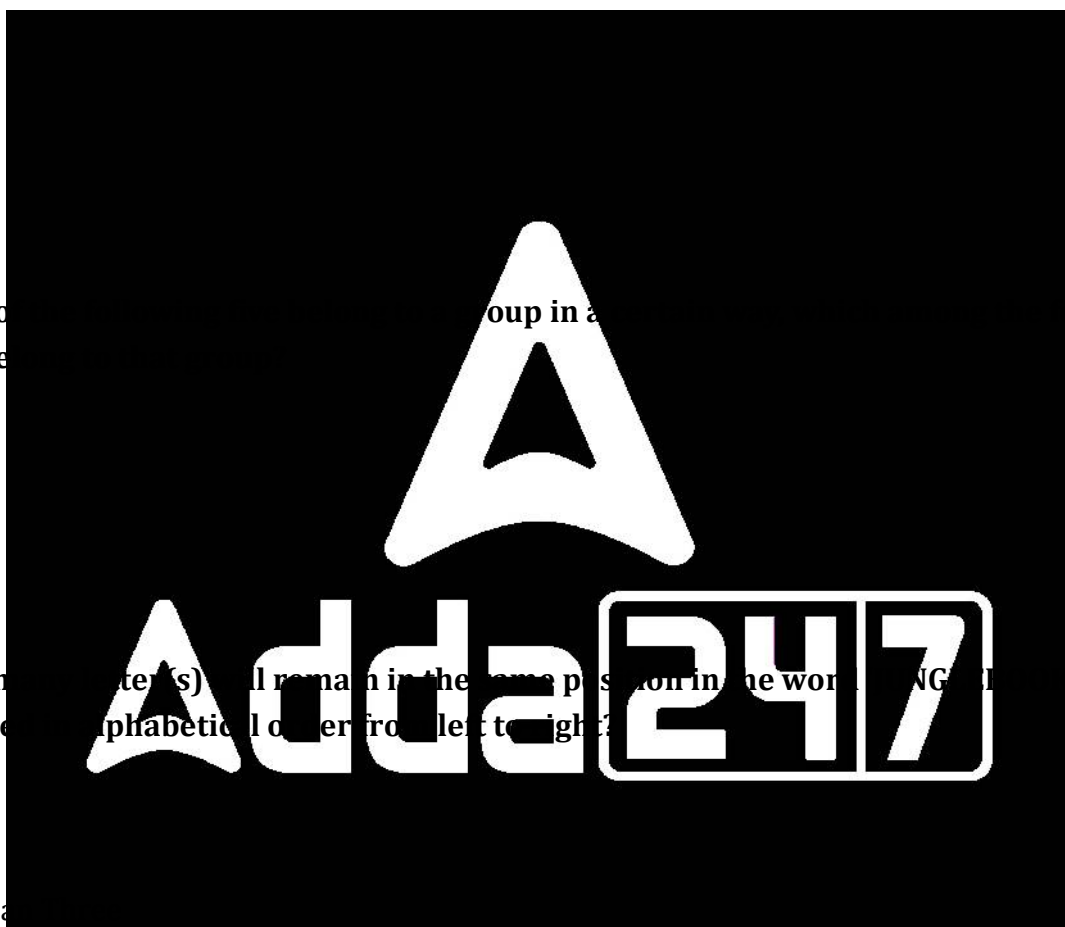
- (a) D
- (b) C
- (c) S
- (d) Q
- (e) R

Q36. Four of the following group in a row does not belong to the group in a row following

- (a) Q and R
- (b) S and C
- (c) B and D
- (d) Q and S
- (e) A and P

Q37. How many letters(s) will remain in the same position in the word 'ADDAL247' when they are arranged in alphabetical order from left to right?

- (a) Two
- (b) One
- (c) Three
- (d) More than three
- (e) None



Directions (38-40): Study the following information carefully and answer the questions given below:

Seven persons are arranged according to the number of books they have in descending order from left to right. More than three persons have books between P and the one who has 40 books. T has 17 books which is 5th maximum. R has just more books to A who have not just more and just fewer books to T. M has more books to C but not more as E who does not have books in a multiple of 5. R does not have the highest number of books.

Q38. How many persons have least book than C?

- (a) None
- (b) One
- (c) More than four
- (d) Two
- (e) None of these

Q39. What may be the possible number of books does M have?

- (a) 42
- (b) 13
- (c) 10
- (d) 21
- (e) 16

Q40. If A has 30 books and the number of books of B is 20% less than the number of books of A, then the number of books of C is:

- (a) 22
- (b) 37
- (c) 47
- (d) 29
- (e) 28

Directions (Q41-Q42): Read the following information carefully and answer the questions given below.

There are two companies, A and B. Company A has 100 employees and Company B has 120 employees. The ratio of male employees in A to that of male employees in B is 2 : 3. The ratio of female employees in A to that of female employees in B is 3 : 4. The total female employees in A are 60% more than total female employees in B. Total male employees in C is 40% more than total male employees in A.

Q41. Total number of employees in C is what percent more than the number of employees in A?

- (a) 50%
- (b) 60%
- (c) 55%
- (d) 45%
- (e) 40%

Q42. Find average numbers of female employees in A & C?

- (a) 150
- (b) 110
- (c) 130
- (d) 140
- (e) 120

Q43. Find total number of male employees in all three companies?

- (a) 405
- (b) 415
- (c) 400
- (d) 425
- (e) 395

Q44. Find the ratio of male employees in B to female employee in A?

- (a) 6 : 7
- (b) 7 : 9
- (c) 7 : 10
- (d) 7 : 12
- (e) 7 : 8

Q45. Find the total number of female employees in these three companies?

- (a) 130
- (b) 120
- (c) 110
- (d) 180
- (e) 160

Directions: What approximate value should come in place of question mark (?) in following questions.

$$24.97\% \text{ of } 1459.98 - ? \% \text{ of } 1120.4 = 29.04$$

Q46.

- (a) 34
- (b) 27
- (c) 25
- (d) 20
- (e) 30

Q47. $\sqrt{575.99} + \sqrt[3]{2743.99} - 2.01 = ?^2$

- (a) 6
- (b) 7
- (c) 9
- (d) 4
- (e) 5

Q48. 10.98% of 11.04% of 10999.98 = ?

- (a) 121
- (b) 130
- (c) 137
- (d) 133
- (e) 127

Q49. $20.94 \div 12.06 \times 15.99 \div 7.02 = ?$

- (a) 4
- (b) 8
- (c) 19
- (d) 16
- (e) 12

Q50. $120.03 \div \frac{5}{8}$ of $24.08 \times 3.95 = ?$

- (a) 36
- (b) 28
- (c) 32
- (d) 42
- (e) 22

Directions Find the wrong number in the following number series:

Q51. 124, 235, 261, 290, 312, 335

- (a) 124
- (b) 312
- (c) 290
- (d) 225
- (e) 261

Q52. 91, 235, 163, 199, 181, 190, 187.5

- (a) 91
- (b) 235
- (c) 163
- (d) 187.5
- (e) 199

Q53. 380, 385, 393, 407, 433, 486, 581

- (a) 380
- (b) 385
- (c) 393
- (d) 486
- (e) 407

Q54. 128, 32, 96, 240, 840, 3780, 20790

- (a) 32
- (b) 96
- (c) 240
- (d) 840
- (e) 3780

Q55. 665,

- (a) 606
- (b) 665
- (c) 581
- (d) 630
- (e) 591

Q56. 7260,

- (a) 7210
- (b) 6850
- (c) 6040
- (d) 7240
- (e) 7260

Q57. The amount earned by P and R is in the ratio 5 : 3. The amount earned by P is 6 less than the amount earned by R. Find the amount earned by P.

- (a) Rs. 95
- (b) Rs. 228
- (c) Rs. 285
- (d) Rs. 380
- (e) Rs. 114

Q58. The ratio of present age of Rita to Kapil is 3 : 4 age and age of Manish is $\frac{5}{3}$ times of Rita's present age. After ten years, the ratio of Manish, Rita and Kapil's age is 15 : 11 : 13. Find Rita's age five years ago ?

- (a) 6 years
- (b) 8 years
- (c) 9 years
- (d) 7 years
- (e) 5 years

Q59. A shopkeeper has two quality rice. Rice A is sold at Rs. 40 per kg and Rice B is sold at Rs. 25 per kg. He mixed both the rice together and sold the mixture at Rs. 36 per kg. Find the ratio of quantity of rice A to the total mixture?

- (a) 11 : 4
- (b) 4 : 11
- (c) 4 : 15
- (d) 11 : 15
- (e) None of these

Q60. A man invests Rs. 10,000 in two schemes A and B. Scheme A offers simple interest at 10% annually. The man withdraws the interest from scheme A after every four years and reinvests it in scheme B for 4 years. The interest from scheme B for the first four years is Rs 1650. Find the rate of interest offered by scheme B.

- (a) Rs 3550
- (b) Rs 2750
- (c) Rs 3450
- (d) Rs 3750
- (e) Rs. 3250

Q61. The ratio of length of train A to B is 5 : 4 and speed of train A is 60 km/hr. When train A crosses a pole in 12 seconds and train B crosses train A in 36 seconds while running in the same direction, then find time taken by train B to cross a 400 meters long platform.

- (a) 10 seconds
- (b) 12 seconds
- (c) 15 seconds
- (d) 64 seconds
- (e) 18 seconds

Q62. A boat travels in upstream. If the speed of boat in upstream is decreased by 40% then it is equal to the speed of current and speed of boat in still water is given as 240 km/hr, then find upstream speed of boat? (In km/hr).

- (a) 120
- (b) 180
- (c) 150
- (d) 210
- (e) 125

Q63. A shopkeeper marks up the price of an article by 40% above cost price. He gives 25% discount on marked price and earns Rs 420 profit. Find his profit if he gives discount of 20% in place of 25%.

- (a) Rs 1204
- (b) Rs 1240
- (c) Rs 1180
- (d) Rs 1008
- (e) Rs 1080

Q64. A can do a piece of work in 20 days. B can do the same work in $\frac{7}{4}$ days.

- (a) 25 days
- (b) 21 days
- (c) 18 days
- (d) 24 days
- (e) 15 days

Q65. Aakash has a monthly salary of Rs 2000 and pays 20% of his salary. If he used 70% of his salary for buying a mobile and then find his monthly salary.

- (a) Rs 2000
- (b) Rs 2100
- (c) Rs 7900
- (d) Rs 3500
- (e) Rs 3000

Directions (66-70): Table given below shows total number of people visited four different national parks. Read the following table carefully and answer the questions given below.

National Park	Total number of people visited	% Of children visited	% Of male visited
P	2,400	10%	30%
Q	2,000	5%	40%
R	4,500	15%	50%
S	6,000	20%	45%

Note: only male, female and children visit in these four national parks.

Q66. Find the ratio of total number of females visit P and Q together to total number of children visit R and S together?

- (a) 508 :375
- (b) 513 :370
- (c) 557 :379
- (d) 580 :349
- (e) 528 :311

Q67. Find the average no. of male visited S and P?

- (a) 1670
- (b) 1810
- (c) 1710
- (d) 1720
- (e) 2310

Q68. The total number of females visited P and Q together is what percent of the total number of females visited R and S together?

- (a) 291.5%
- (b) 277.5%
- (c) 232.5%
- (d) 215.5%
- (e) 262.5%

Q69. Find the difference between the total number of children visited P & S together and total number of children visited Q & R together?

- (a) 1460
- (b) 1955
- (c) 1235
- (d) 1825
- (e) 1145

Q70. Find the total number of females visited R, Q and S together?

- (a) 5565
- (b) 4775
- (c) 4535
- (d) 4825
- (e) 4790

Q71. A milkman mixed $(y+30)$ liters of water in 150 liters of milk and then again replaced 35 liters of the mixture with milk. If quantity of milk in the final mixture is 160 liters, then find 'y'?

-
- (a) 45 liters
(b) 40 liters
(c) 35 liters
(d) 30 liters
(e) 25 liters

Q72. Speed of fan is successively reduced by 10% and 15%, and if speed of fan is successively reduced by 20% and Z% so that overall change of speed is same as previous change then, find 'Z'?

- (a) 4.275%
(b) 4.375%
(c) 3.375%
(d) 3.275%
(e) 4.625%

Q73. Cost price of a product is Rs. 400. If a merchant gives a discount of 10% on the marked price and still makes a profit of 20%, then find the profit earned by the merchant.

- (a) Rs. 31.5
(b) Rs. 30
(c) Rs. 36
(d) Rs. 25
(e) Rs. 27

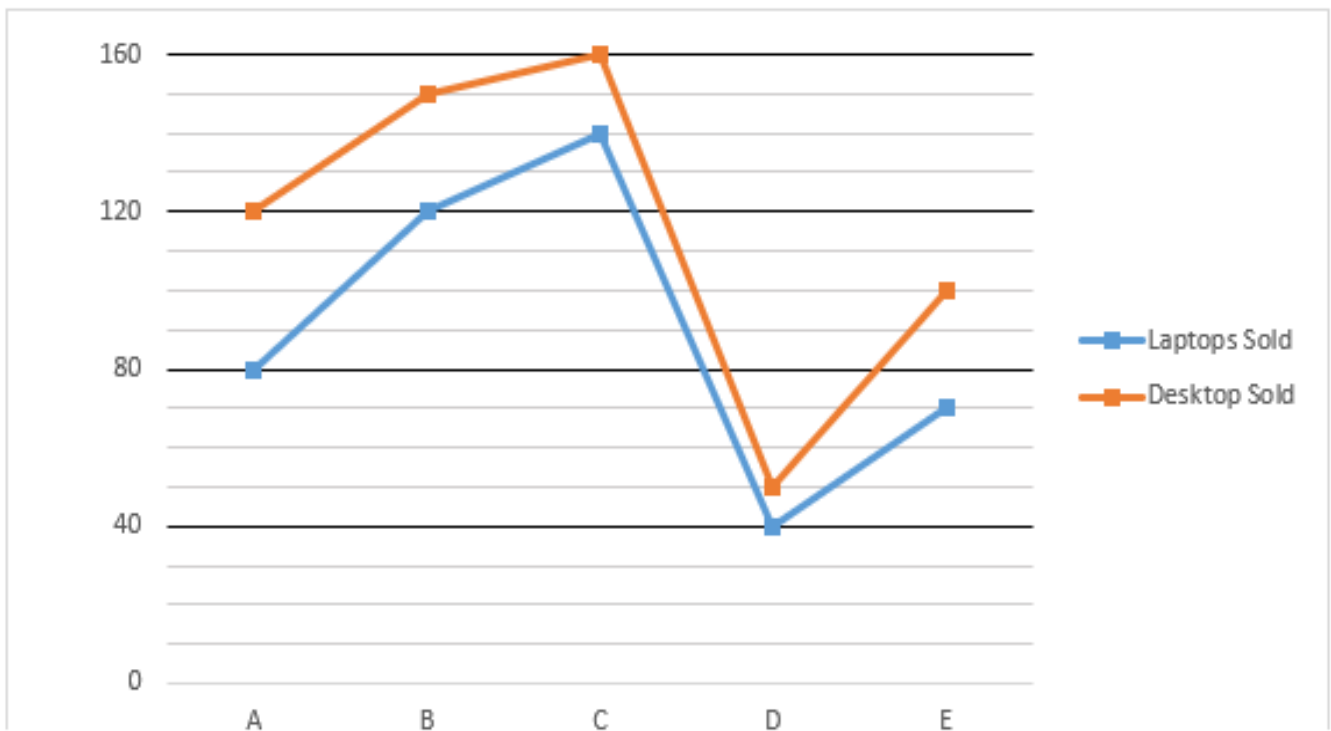
Q74. a, b, c and d are four consecutive numbers, if the sum of 'a' and 'd' is 124, then find the product of 'b' and 'c'.

- (a) 4032
(b) 3782
(c) 3906
(d) 3904
(e) 3968

Q75. The height of a triangle is equal to the perimeter of a square whose diagonal is $9\sqrt{2}$ metre and the base of the same triangle is equal to the side of the another Square whose area is 784 m^2 . What is the area of the triangle (In m^2).

- (a) 504
(b) 558
(c) 478
(d) 522
(e) 496

Directions (76-80): Line chart given below shows the number of laptops & Desktops sold by five different shops (A, B, C, D and E). Study the line chart given below and answer the following questions.



Q76. Total number of Laptops sold by shop D is what percent more than total Desktops sold by shop A & E together?

- (a) 80%
- (b) 30%
- (c) 50%
- (d) 20%
- (e) 60%

Q77. The ratio of 4GB to 8GB laptops & Desktops sold by shop C is 3: 2 & 5: 3 respectively. Find the ratio of total number of 4GB (Laptops + Desktops) sold by shop C to total number of Laptops sold by shop B?

- (a) 7: 5
- (b) 23: 15
- (c) 3: 2
- (d) 21: 13
- (e) 4: 3

Q78. Total number of Laptops sold by shop C & E together are what percent of total number of Laptops & Desktops sold by shop D?

- (a) $233\frac{1}{3}\%$
- (b) $266\frac{2}{3}\%$
- (c) 250%
- (d) 225%
- (e) 275%

Q79. If total number of Laptops sold by shop A is 120 and ratio of 4GB to 8GB Laptops sold by shop A is 2:3, then find the total number of Laptops sold by shop A.

- (a) 145
- (b) 128
- (c) 134
- (d) 166
- (e) None of these

Q80. The average number of Laptops sold by shops B, C & E together is what percent of the total number of Laptops sold by shops A & E together?

- (a) 10
- (b) 20
- (c) 30
- (d) 50
- (e) 40

