RRB PO Pre 2022 (21st August) Shift-Wise Previous Year Paper Mock 07

Q1. If 2 is subtracted from each odd digits and 1 is added to each even digits in the given number '83526794', then which among the following digits will appear twice in the new number thus formed?
(a) Only 3
(b) Only 3 and 5
(c) 3, 5 and 7
(d) 1, 5 and 9
(e) None of

Directions (ions.
Eight people in the same order) in su h of the four sides. The o e cen of the sides face outside e right o sides of the table. Only t is on of th ts second to the left of S. not mme

Q2. How ma d T when counted
(a) None
(b) Four
(c) One
(d) Three
(e) Two

Q3. Which
(a) Both T a
(b) Only thr
(c) P sits at middle of one of the sides
(d) W sits second to the left of P
(e) None of the given options is true.

Q4. What is the position of V with respect to Q?
(a) Second to the left
(b) Third to the left
(c) Second to the right
(d) Fifth to the right
(e) Fifth to the left

Q5. Four of the following five are alike in a certain way and so form a group. Who among the one that does not belong to that group?
(a) Q
(b) T
(c) S
(d) R
(e) V

Q6. How many pairs of letters are there in the word 'ACTIVATION', each of which have as many letters between them (both forward and backward directions) as they have between them in the English alp
(a) Five
(b) More tha
(c) Six
(d) Four
(e) Two

Directions **ation an**
Eight memb e in w ich t ather of D. E is married t arrie G. N Q is the only son of C. A is

Q7. Who an **on-in-law of N?**
(a) G
(b) K
(c) C
(d) Q
(e) None of

Q8. How K i
(a) Father
(b) Uncle
(c) Grand Mother
(d) Grand Father
(e) None of these

Directions (9-13): **Study the following information carefully and answer the questions given below.**
Eight boxes i.e., M, N, O, P, Q, R, S and T are placed one above the other but not necessarily in the same order. Three boxes are placed between box M and box T. Box M is placed either at the topmost or bottom-most position. Box O is placed just above box N. Box S is placed just below box T. There are two boxes placed between box R and box S. Not more than two boxes placed between box M and box R. More than three boxes placed between box O and box P.

Q9. Which of the following box is placed third from the bottom?
(a) Box S
(b) Box Q
(c) Box O
(d) Box R
(e) None of these

Q10. How many boxes are placed between Box O and Box Q?
(a) None
(b) One
(c) Four
(d) Two
(e) None of

Q11. The nu **oxes placed between __**
(a) Box M
(b) Box Q
(c) Box N
(d) Box T
(e) Box O

Q12. The nu **ve of** **same** **aced below to the box _**
(a) R
(b) Q
(c) P
(d) T
(e) None of

Q13. Four o **Which one of the follow** **does not belong to that group?**
(a) M and Q
(b) P and T
(c) R and S
(d) Q and O
(e) N and Q

Directions (14-18): **In each question below some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts. Give answer**

Q14. Statements:
Only a few Red are Blue.
Only a few Blue is Pink.
All Pink is Yellow.
Conclusions:
I. All Yellow being Blue is a possibility.
II. Some Pink are Red.
(a) If only conclusion I follows.
(b) If only conclusion II follows.
(c) If either conclusion I or II follows.
(d) If neithe
(e) If both c

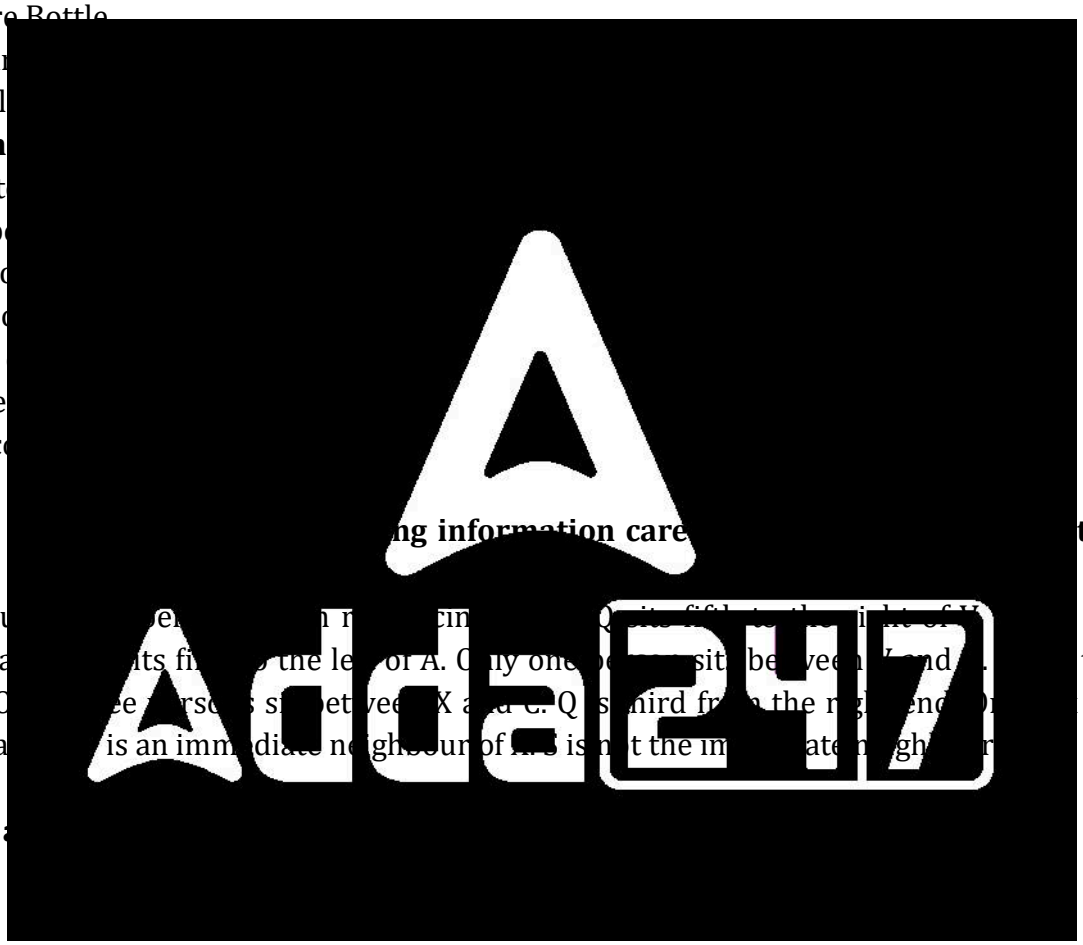
Q15. Staten
Only chips a
Some chips
Only a few c
Conclusion
I. Some coff
II. All cookie
(a) If only c
(b) If only c
(c) If either
(d) If neithe
(e) If both c w.

Q16. Staten
Some Green ive.
All Olive is B
No Olive is V
Conclusion
I. Some Blac
II. Some Green are Black.
(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.

Q17. Statements:
Some Apple are Papaya
No Apple is Mango
All Mango is Litchi

Conclusion:
I. Some Papaya are not Mango
II. Some Litchi being Apple 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.

Q18. Statements:
Only Box are Bottle
Some Box a
No Cup is Pl
Conclusion
I. Some Plat
II. All Cup b
(a) If only c
(b) If only c
(c) If either
(d) If neithe
(e) If both c



Directions **ng information care** **tions given below.**
A certain nu persons sit between V a its fi the le of A. C ny one sit be vee and third to the right of D. C ee erso s si et vee X a d C. Q s hird fr the n end O persons sit between P a is an imm diate ne ghbour of S is n t the im ate n ghb r

Q19. If S is
(a) 11
(b) 17
(c) 13
(d) 14
(e) 12

Q20. If B sits exactly between T and S, then what will be the position of B with respect to A?
(a) Third to the left
(b) Third to the right
(c) Second to the left
(d) Fourth to the right
(e) None of these

Q21. If G sits second to the right of P, then how many persons will sit between G and V?
(a) Two
(b) One
(c) Five
(d) Three
(e) None of these

Q22. If R sits third to the left of S, then how many persons will sit between R and D?
(a) Twelve
(b) Ten
(c) Fifteen
(d) Nine
(e) None of

Q23. Who a
(a) T
(b) P
(c) None of
(d) X
(e) Q

Directions (rmation carefully stions.
A person pu s of diff costs. M D and G but not purchas
Phone S is n st nd ape h. The s phon ere between phone S and Phon is just eaper an phon The n r of nes to phone G is equal to th es expen ve phone Th cost of o phon is ther ve p A and phone L which is ju aper to ph ne D. The cost of 2nd most expensive ne k 3 apest phone is 60K.

Q24. How m
(a) Four
(b) Three
(c) None
(d) Six
(e) None of these

Q25. What may be the possible cost of phone D?
(a) 99k
(b) 53k
(c) 100k
(d) 83k
(e) 59k

Q26. The cost of which among the following phone is just expensive than phone J?
(a) None
(b) L
(c) K
(d) A
(e) None of these

Directions (27-31): Study the following alphanumeric -symbol series carefully and answer the questions given below.
K + 8 E L 3 = F 6 1 M 2 * B % O C @ Z 7 1 £ 9 $ A W 5 U # T X

Q27. If all t **e following will be the**
(a) $
(b) O
(c) %
(d) A
(e) None of

Q28. How **the** **the** **f which is immediatel** **not immediately**
(a) None
(b) One
(c) Two
(d) Three
(e) More tha

Q29. Which **e following is the tenth to the left of the eigh** **h** **e** **e left end of the above a**
(a) 6
(b) M
(c) 2
(d) None of these
(e) F

Q30. How many such vowels are there in the above arrangement each of which is immediately followed by a symbol and immediately preceded by a number?
(a) None
(b) One
(c) Two
(d) Three
(e) None of these

Q31. Which of the following is exactly in the middle of A and M in the above arrangement?
(a) C
(b) @
(c) Z
(d) 7
(e) None of these

Directions (32-36): **Study the following information carefully and answer the questions given below.**
Seven persons were born in seven different years i.e., 2000, 2002, 2004, 2005, 2008, 2011 and 2015. Their age is
More than t P was born
before I. Th d O. O is the
youngest pe

Q32. Who a
(a) M
(b) The one
(c) Y
(d) The one
(e) None of

Q33. Who a was born in 2011
(a) K
(b) Y
(c) I
(d) M
(e) None of

Q34. Numb n after Y is the ame as re_____.
(a) P
(b) M
(c) I
(d) K
(e) O

Q35. Which of the following statement(s) is/are true?
I. Three persons were born between M and Y
II. P was born in 2000
III. K is 19 years old.
(a) Only II
(b) Only III
(c) Both II and III
(d) Both I and III
(e) All I, II and III

Q36. Which of the following pair of persons was born immediately before and immediately after I respectively?
(a) M, Y
(b) P, C
(c) K, O
(d) C, M
(e) Y, M

Directions (37-40): **In these questions, relationship between different elements is show in the statements. The statements are followed by conclusions. Study the conclusions based on the given state**

Q37.
Statements:
$N > O \geq M = J \leq K < Q \leq S$
Conclusions:
I. $M < S$
II. $O \geq Q$
(a) Both con
(b) Either c
(c) Only con
(d) Neither
(e) Only con

Q38.
Statements:
$H > G < C = E \geq K < D \leq B$
Conclusions:
I. $G \leq D$
II. $G > D$
(a) Both con ns I and II are true
(b) Only con
(c) Neither
(d) Either c
(e) Only con

Q39.
Statements:
$T < U = Z \leq W; V < U$
Conclusions:
I. $V > Z$
II. $W > V$
(a) Both conclusions I and II are true
(b) Either conclusion I or II is true
(c) Neither conclusion I nor II is true
(d) Only conclusion I is true
(e) Only conclusion II is true

Q40.

Statements:
K = L < N > P ≤ R > M; R ≥ O
Conclusions:
I. L < O
II. K ≥ O

(a) Only conclusion II is true
(b) Either conclusion I or II is true
(c) Both conclusions I and II are true
(d) Neither conclusion I nor II is true
(e) Only con

Directions **n. You have to solve bot**

Q41.

I. $x^2 - 11x + 30 = 0$
II. $y^2 - 9y + 20 = 0$

(a) x>y
(b) x<y
(c) x≤y
(d) x≥y
(e) x=y or n

Q42.

I. $x^2 - x - 6 = 0$
II. $y^2 - 8y + 12 = 0$

(a) x>y
(b) x<y
(c) x≤y
(d) x≥y
(e) x=y or no relation.

Q43.

I. $x^2 = 196$
II. $y^3 = 1728$

(a) x>y
(b) x<y
(c) x≤y
(d) x≥y
(e) x=y or no relation.

Q44.

I. $x^3 = 729$

II. $y^2 - 15y + 54 = 0$

(a) x>y

(b) x<y

(c) x≤y

(d) x≥y

(e) x=y or no relation.

Q45.

I. $x^2 - 15x + 56 = 0$

II. $y^2 - 8y + 15 = 0$

(a) x>y

(b) x<y

(c) x≤y

(d) x≥y

(e) x=y or n

Directions sho rcen cers in five **different ba** city and it also sh officers in **respective** e data carefully and ions.

Total office

Banks	Percentage of total officers	Total number of scales I officers
A	15%	450
B	18%	600
C	24%	900
D	16%	800
E	27%	750

NOTE: Tota

Q46. Scale II officers in bank 'C' is what percent more than scale II officers in bank 'A'.

(a) $13\frac{1}{3}\%$

(b) 60%

(c) $16\frac{2}{3}\%$

(d) 40%

(e) $86\frac{2}{3}\%$

Q47. Find the ratio between scale I officers in bank 'B' and 'E' together to scale II officer in bank 'B'.
(a) 1 : 2
(b) 15 : 14
(c) 45 : 34
(d) 45 : 56
(e) 3 : 5

Q48. Out of total scale II officers in bank 'D', 45% are males. Find total number of females scale II officers in bank 'D'.
(a) 288
(b) 352
(c) 320
(d) 384
(e) 440

Q49. Total [illegible] bank to[illegible]tal number of scales I o[illegible]
(a) 5500
(b) 3500
(c) 3000
(d) 2500
(e) 2000

Q50. Scale I [illegible] ba[illegible] wh[illegible]rce[illegible] n scale I o[illegible]ce [illegible] bank '[illegible]
(a) 6.25%
(b) 12.5%
(c) 25%
(d) 27.5%
(e) 10%

Q51. A two digit number when increase by 75% then its digits get interchanged. If difference between both digits is 3 then find the original number?
(a) 63
(b) 58
(c) 47
(d) 36
(e) 43

Q52. A new mixture of 140 liter is prepared by mixing solution of wine and rum in ratio 2:5 having pure alcohol 42.5% and 25% respectively. To dilute the mixture by 2% what amount of water is used?

(a) 10 liters
(b) 12 liters
(c) 9 liters
(d) 16 liters
(e) 15 liters

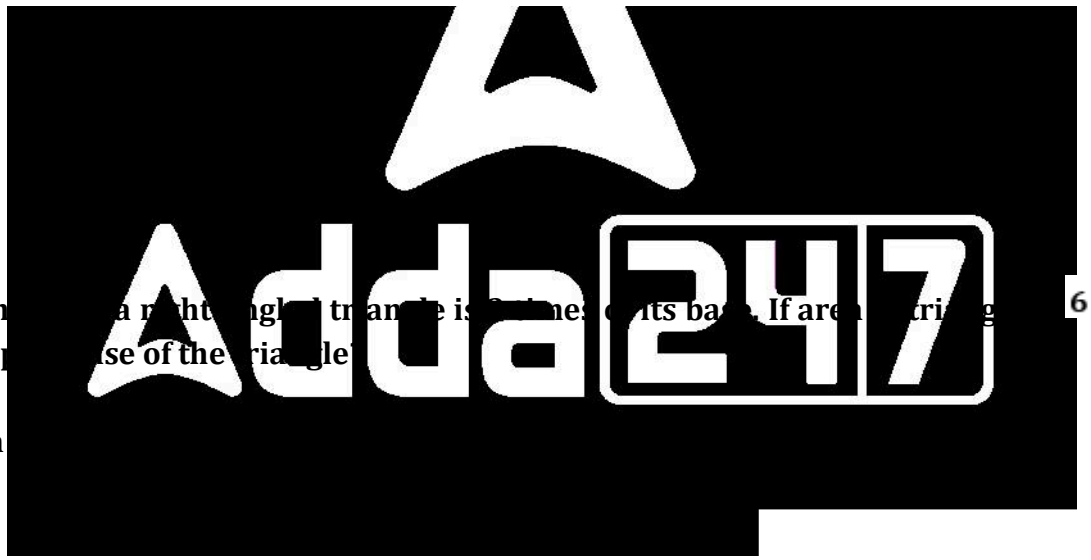
Q53. A and B together decided to dig a well in 7.5 days while working 4 hours in a day. But due to tiredness their efficiency decreases by 50% every hour in a day and they started every day with full energy. Now find in how many days well will be dig?

(a) 15 days
(b)16 days
(c) 20 days
(d) 21 days
(e) 18 days

Q54.

S_1 is a series of five consecutive multiples of 4 whose sum is 100. S_2 is a series of 4 consecutive even integers such that the second smallest number of S_2 is 6 less than largest number of S_1. Find average of series S_2.

(a) 28
(b) 25
(c) 32
(d) 34
(e) 23



Q55. Perim a r ht gl tr an e is 2 nes its ba . If are tri g 6 cm^2, then find the hy se of the ria gle

(a) 13 cm
(b) $2\sqrt{2}$ cm
(c) 4 cm
(d) 5 cm
(e) 8 cm

Q56. Ratio between time taken to cover same distance in upstream to downstream is 2 : 1. If speed of stream is 4 km/hr, then find time taken to cover 48km in upstream?

(a) 8 hours
(b) 4 hours
(c) 6 hours
(d) 3 hours
(e) 1.5 hours

Q57. The cost price of article A is equals to selling price of the article B. If article A is sold at the $33\frac{1}{3}\%$ profit & article B is sold at the 50% profit and the sum of the cost price of article B and selling price of article A is Rs. 672, then find the cost price of article A?

(a) Rs. 224
(b) Rs. 336
(c) Rs. 380
(d) Rs. 420
(e) Rs. 448

Q58. Six years ago, the ratio of age of Ram to Shyam was 1:2. Present age of ram is 5 years more than the pr... then find the age of Ram

(a)24
(b)23
(c)21
(d)22
(e)20

Q59. A trad... 0 per ... and ... He sold the mixture at ... pro... nd 'x'

(a) 3 kg
(b) 5 kg
(c) 4 kg
(d) 6 kg
(e) 8 kg

Q60. A man ...ited Rs ...on...mple ...terest in the pe... 1st year ... ...ded Rs x at the beginni... 2nd year an... 3rd year in a bank. After ...hree ye... ...g... ...ta... ...of Rs 11160. If the rate o...

(a) Rs 1700
(b) Rs 3000
(c) Rs 3200
(d) Rs 2500
(e) Rs. 2700

Q61. A train crosses a pole and platform in 26 sec & 36 sec respectively. If the speed of the train is 90 kmph, find the length of the platform.

(a) 350 m
(b) 300 m
(c) 450 m
(d) 250 m
(e) 200 m

Q62. Himanshu invested Rs 42000 in a business. After 4 months, Kapil joins him with an investment of Rs P. If at the end of the year the profit is Rs 62000 and profit share of Himanshu is Rs 42000. Find value of P.

(a) Rs 25000
(b) Rs 30000
(c) Rs 28000
(d) Rs 38000
(e) Rs 42000

Directions (63-65): In the following questions two quantities I and II are given. Compare them and answer

Q63. Quant
Quantity II:
(a) If Quanti
(b) If Quanti
(c) If Quanti
(d) if Quanti
(e) if Quanti

Q64. In a vi **and rest are femal** **literate and 25% of tota** **mbe** **mal**
Quantity I:
Quantity II:
(a) If Quanti
(b) If Quanti
(c) If Quanti
(d) if Quanti
(e) if Quanti

Q65. A man invested Rs. X at 12% p.a. on simple interest for two years.
Quantity I: If at the end of second year he gets Rs.2400 as interest, then find Rs. X.
Quantity II: Rs.12000
(a) If Quantity I > Quantity II
(b) If Quantity I < Quantity II
(c) If Quantity I ≥ Quantity II
(d) if Quantity I ≤ Quantity II
(e) if Quantity I = Quantity II or no relation can be established

Directions (66-70): **What approximate value should come in the place of question (?) mark.**

Q66. $32.04 \times 14.99 - 11.99 \times 87.98 + (50.01)^2 = ?$
(a) 2020
(b) 1924
(c) 1832
(d) 2220
(e) 1936

Q67. $(3.99)^3 \times (32.03)^2 \div (7.99)^3 = (2)^?$
(a) 9
(b) 5
(c) 7
(d) 6
(e) 8

Q68. $3.99 \text{ of } 142.99 \div 26.03 \times 11.99 - 199.99 = ?$
(a) 58
(b) 64
(c) 72
(d) 80
(e) 74

Q69. $? + (13.03)^3 = (58.98)^2 - 680.97$
(a) 603
(b) 593
(c) 613
(d) 623
(e) 583

Q70. $48.94\% \text{ of } 180.02 - 70.01\% \text{ of } 119.99 = 8.99 - ?$
(a) 7
(b) 2
(c) 8
(d) 3
(e) 5

Directions (71-75): **Find the missing no. in the following series.**

Q71. 1, 35, 63, 85, 101, ?
(a) 121
(b) 125
(c) 101
(d) 105
(e) 111

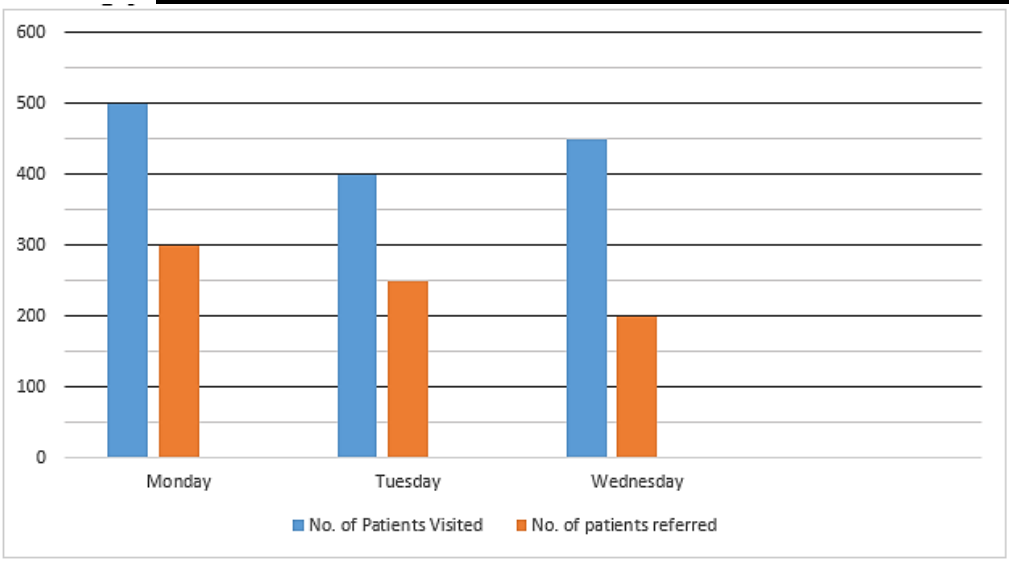
Q72. 11, 22, 66, 330, ?, 25410
(a) 2310
(b) 2415
(c) 2523
(d) 20310
(e) 24015

Q73. –5, 1, 13, ?, 55, 85
(a) 23
(b) 30
(c) 31
(d) 40
(e) 41

Q74. 5, 17,
(a) 3087
(b) 3907
(c) 4107
(d) 4097
(e) 4101

Q75. 313,
(a) 178
(b) 200
(c) 208
(d) 180
(e) 198

Directions ( ): Given bar graph shows the number of patients who have gone to a hospital on three different days (Monday, Tuesday and Wednesday) and number of patients who were referred to ns.



Q76. How many patients were not referred on all three days together?
(a) 450
(b) 600
(c) 550
(d) 650
(e) 580

Q77. By what percent, number of patients who were referred on Monday is more than those on Wednesday?
(a) 55%
(b) 60%
(c) 40%
(d) 50%
(e) 45%

Q78. What **vho** **of patients who were r**
(a) 8 : 5
(b) 2 : 1
(c) 1 :2
(d) 5 : 8
(e) 3 : 1

Q79. If on **0% of total patients we** **of patients who were r** **on Tu** **ay and** **riday?**
(a) 120
(b) 110
(c) 125
(d) 115
(e) 130

Q80. On which days, percentage of patients who were referred out of who visited on that day is maximum?
(a) Wednesday
(b) Monday
(c) Tuesday
(d) Monday & Tuesday
(e) Monday & Wednesday