

Quiz Date: 8<sup>th</sup> October 2020

Directions (1-5): Study the following information to answer the given questions.

Eight players A, B, C, D, E, F, G and H live on separate floors of an Eight-floor building but not necessarily in the same order. The ground floor is numbered 1, the first floor is numbered 2 and so on till the topmost floor which is numbered as 8. They all like different brands- Roadster, Allen Solly, Levi's, Puma, Adidas, Reebok, Blackberry and Arrow (but not necessarily in the same order)

G likes Levi's and lives on an odd numbered floor but above first floor. The one who likes Reebok lives on an even numbered floor above G. Two persons live between the one who likes Reebok and the one who likes Puma. F likes Roadster. Three persons live between H and F, who lives above H. F does not live on an even numbered floor. C lives immediately above E. D likes Arrow. Three persons live between the one who likes Allen Solly and the one who likes Arrow. B lives above A but not on top floor. The one who likes Adidas lives on an even numbered floor below the one who likes Allen Solly.

Q1. The person who lives on 3<sup>rd</sup> floor like which of the following brand?

- (a) Arrow
- (b) Roadster
- (c) Allen Solly
- (d) Puma
- (e) None of these

Q2. How many persons live between D and the one who likes Adidas?

- (a) None
- (b) Four
- (c) Three
- (d) Two
- (e) More than four

Q3. G lives on which floor?

- (a) 5<sup>th</sup> floor
- (b) 3<sup>rd</sup> floor
- (c) 7<sup>th</sup> floor
- (d) 1<sup>st</sup> floor
- (e) 4<sup>th</sup> floor

Q4. Which of the following is true about B?

- (a) B likes Blackberry
- (b) B lives immediate above A
- (c) Only two persons live between B and E
- (d) The one who likes Roadster lives immediate above B
- (e) B lives on 4<sup>th</sup> floor

Q5. Who lives exactly between F and the one who likes Puma?

- (a) A



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- (b) C
- (c) The one who likes Levi's
- (d) B
- (e) The one who likes Arrow

Directions (6-10): Study the given information and answer the questions:

When a word and number arrangement machine is given an input line of words and numbers, it arranges them following a particular rule. The following is an illustration of input and its rearrangement.

**Input: 2568 7625 9732 8214 1129 4622**

Step I: 8652 7652 9732 8421 9211 6422

Step II: 6422 7652 8421 8652 9211 9732

Step III: 62 72 81 82 91 92

Step IV: 4 5 7 6 8 7

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

**Input: 5529 8563 2522 6132 7534 9148**

Q6. If all the numbers in the second last step are arranged in descending order, then which of the following is fourth from the right end?

- (a) 52
- (b) 73
- (c) 83
- (d) 61
- (e) 91

Q7. Which of the following element will be 2nd to the right of 5th from the right end in step II?

- (a) 8653
- (b) 6321
- (c) 9552
- (d) 7543
- (e) None of these

Q8. What is the difference of the last two digits of the numbers which is second from the right and third from the left of step II?

- (a) 11
- (b) 21
- (c) 25
- (d) 9
- (e) 15

Q9. Which of the following is the sum of all the digits of the number which is 3rd number from the left end in step I?

- (a) 20

- (b) 11
- (c) 25
- (d) 22
- (e) None of these

Q10. What is the resultant of the product of the digits of the number which is third from the right end in step III?

- (a) 27
- (b) 30
- (c) 18
- (d) 24
- (e) None of these

Directions (11-15): Study the information and answer the following questions:

In a certain code language

“Rainfall Forecast Summer Element” is written as “ O5 M9 T6 F10 ”,

“Shade Weather Public Focus” is written as “ F5 E10 J7 V6 ”,

“Prevent Around Reason Safe” is written as “ O7 P9 O1 G10 ”,

Q11. What is the code for ‘Inside’ in the given code language?

- (a) K5
- (b) E9
- (c) S4
- (d) F8
- (e) None of these

Q12. What is the code for the word ‘Technology Change’ in the given code language?

- (a) O6 S5
- (b) H5 H9
- (c) H3 H2
- (d) G9 K4
- (e) None of these

Q13. What is the code for ‘B9’ in the given coded language?

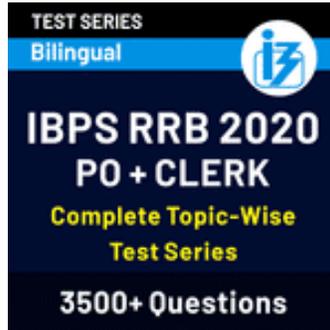
- (a) Rough
- (b) Range
- (c) Technician
- (d) Royal
- (e) Both (a) and (c)

Q14. What is the code for ‘Glacier’ in the given code language?

- (a) G7
- (b) D7
- (c) F6
- (d) F7
- (e) None of these

Q15. "F8" could be a code of which of the following word?

- (a) Happen
- (b) Television
- (c) Student
- (d) Cloud
- (e) Strom



Solutions

Solutions (1-5):

Sol.

Floor	Person	Brands
8	D	Arrow
7	F	Roadster
6	B	Reebok
5	G	Levi's
4	A	Allen Solly
3	H	Puma
2	C	Adidas
1	E	Blackberry

S1. Ans.(d)

S2. Ans.(e)

S3. Ans.(a)

S4. Ans.(d)

S5. Ans.(c)

Solutions (6-10):

In the given Input-Output question the logic is—

For step I- All the digits of the given numbers are arranged in descending order within the numbers.

For Step II- All the numbers obtained in step I are arranged in ascending order from the left end.

For Step III- middle two digits of the numbers are omitted.

For step IV- The digits of the numbers obtained in step III are subtracted.

Input: 5529 8563 2522 6132 7534 9148



Step I: 9552 8653 5222 6321 7543 9841

Step II: 5222 6321 7543 8653 9552 9841

Step III: 52 61 73 83 92 91

Step IV: 3 5 4 5 7 8

S6. Ans.(c)

S7. Ans.(a)

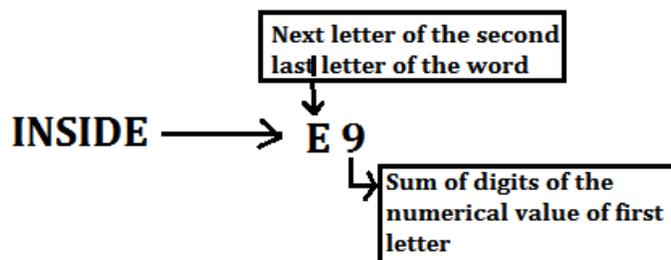
S8. Ans.(d)

S9. Ans.(b)

S10. Ans.(d)

Solution (11-15):

Sol.



S11. Ans.(b)

S12. Ans.(c)

S13. Ans.(d)

S14. Ans.(d)

S15. Ans.(a)



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