

Quiz Date: 22nd March 2020

Directions (1-5): Study the given information and answer the questions:

A, B, C, D, E, F and G are sitting in a straight line facing north. Each one of them studies in different class i.e. 2nd, 6th, 4th, 12th, 10th, 8th and 9th. They like different colors i.e. Blue, White, Red, Violet, Yellow, Black and Green but not necessarily in same order.

B sits fourth to the left of the person who studies in 6th class. Either B or the person who studies in 6th class sits at the extreme ends of the line. The one who likes Red sits at extreme end and is immediate neighbor of A. Only one person sits between B and G who likes Black. G studies in on the 9th class. The person who studies in 8th class sits third to right of D. D is not an immediate neighbour of G. Only one person sits between E and the person who studies in 12nd class. F likes green and sits immediate left of the one who likes Yellow. D does not like White. A and C are immediate neighbours of each other. A does not study in 6th class. One who studies in 4th class sits third to right of the one who studies in 10th class. There are two people sit between the one who likes Yellow and the one who likes Violet.

Q1. In which of the following class D studies?

- (a) 2nd
- (b) 8th
- (c) 6th
- (d) 12th
- (e) None of these

Q2. Who amongst the following studies in 10th class?

- (a) A
- (b) B
- (c) C
- (d) G
- (e) F

Q3. How many students sit left to the one who likes Yellow?

- (a) Two
- (b) One
- (c) Four
- (d) Three
- (e) None

Q4. In which of the following class C studies?

- (a) 4th
- (b) 8th
- (c) 6th
- (d) 12th
- (e) None of these

Q5. How many students sit between the one who studies in 8th class and the one who likes Black?

- (a) Two
- (b) One
- (c) Four
- (d) Three
- (e) None

Directions (6-8): Study the following information carefully and answer the questions given below.

There are some persons sitting in a row facing in North direction. Two persons sit between C and E. Four persons sit between C and D. B is a neighbour of D. Only five persons sit to the right of C. As many persons sit between C and E as sit between B and E. A sits third from one of extreme ends of the row and is not neighbour of D. Only three persons sit to the left of E.

Q6. If E sits between D and F, then what is the position of F with respect to A?

- (a) Fifth to the right
- (b) Seventh to the right
- (c) Fifth to the left
- (d) Seventh to the left
- (e) None of these

Q7. How many persons can sit in a row?

- (a) Twelfth
- (b) Ten
- (c) Fifteen
- (d) Eleven
- (e) None of these

Q8. What is the position of E with respect to D?

- (a) Fifth to right
- (b) Second to the right
- (c) Fifth to the left
- (d) Seventh to the left
- (e) None of these

Directions (9-10): Read the information carefully and answer the questions given below:

Building A is to the North of building B and to the West of building C. Building M is to the west of building C and north of building O. Building B is to the southeast of building M and to the northwest of building N, which is to the east of building O.

Q9. Building B is in which direction with respect to building C?

- (a) South
- (b) West
- (c) Northeast
- (d) Southwest
- (e) None of these

Q10. Building C is in which direction with respect to building N?

- (a) South
- (b) West
- (c) Northeast
- (d) Can't be determined
- (e) None of these

Directions (11-15): Answer the questions on the basis of the information given below.

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

Input: Yen 92 13 mango apple unnao 12 fun eye 85

Step I: 85 Yen 92 13 mango apple unnao 12 fun eye

Step II: 85 13 Yen 92 mango apple unnao 12 fun eye

Step III: 85 13 92 Yen mango apple unnao 12 fun eye

Step IV: 85 13 92 12 Yen mango apple unnao fun eye

Step V: 85 13 92 12 apple Yen mango unnao fun eye

Step VI: 85 13 92 12 apple eye Yen mango unnao fun

Step VII: 85 13 92 12 apple eye unnao Yen mango fun

Step VIII: 85 13 92 12 apple eye unnao fun Yen mango

Step IX: 85 13 92 12 apple eye unnao fun mango Yen

This is the final arrangement and step IX is the last step for this input.

Input: Toy 37 rat 88 65 orange itlay van 8

Q11. Which of the following is the second step for input?

- (a) 65 37 Toy 88 rat orange itlay van 8
- (b) 65 Toy 37 rat 88 orange itlay van 8
- (c) 65 37 Toy rat 88 orange itlay van 8
- (d) 88 37 Toy rat 65 orange itlay van 8
- (e) None of these

Q12. Which of the following is the last step of above input?

- (a) III
- (b) VI
- (c) VII
- (d) IX

(e) None of these

Q13. Which is the following step of above given input?

Step: 65 37 88 8 itlay Toy rat orange van

(a) VI

(b) III

(c) IV

(d) V

(e) There is no such rat

Q14. Which of the following element is at 5th position from left end of Step V?

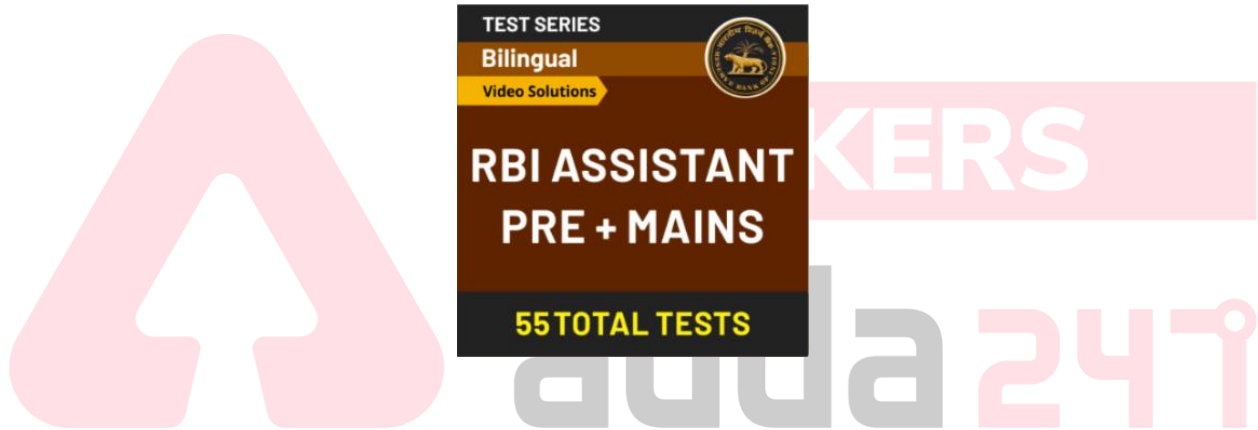
(a) 8

(b) 88

(c) Italy

(d) rat

(e) None of these



Q15. Which of the following would definitely be the input if step II of an input is?

step II: 93 33 88 root 16 input upper dusk

(a) 93 33 88 16 root input upper dusk

(b) 93 33 88 16 input root upper dusk

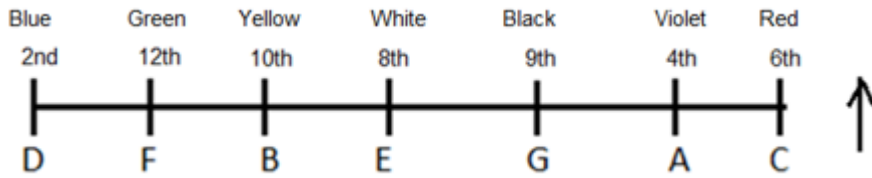
(c) 93 33 88 16 input upper root dusk

(d) Cannot be determined

(e) None of these

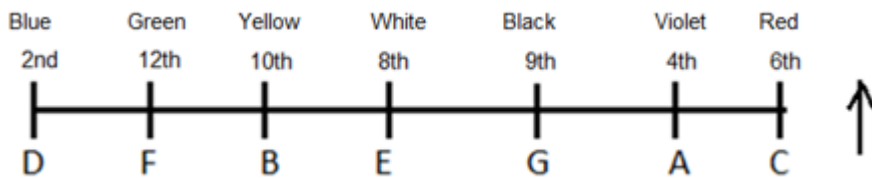
Solution

S1. Ans.(a)



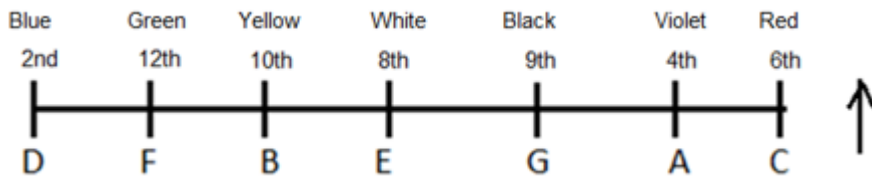
Sol.

S2. Ans.(b)



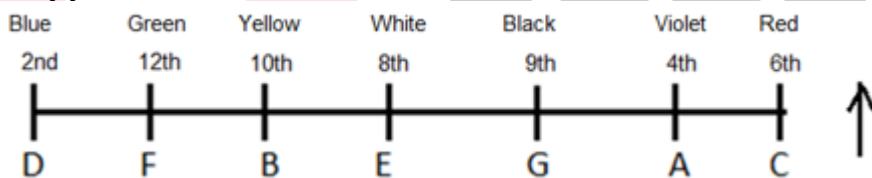
Sol.

S3. Ans.(a)



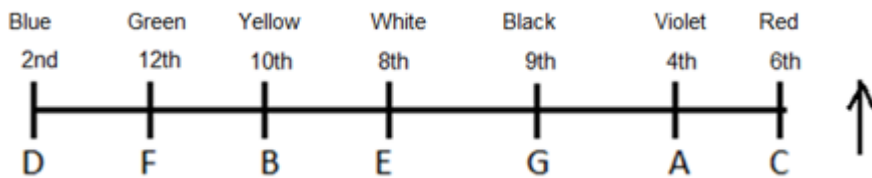
Sol.

S4. Ans.(c)



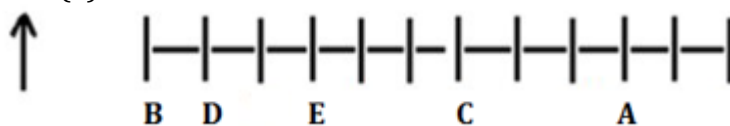
Sol.

S5. Ans.(e)



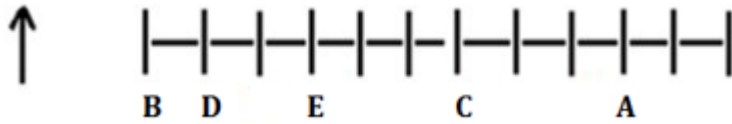
Sol.

S6. Ans (e)



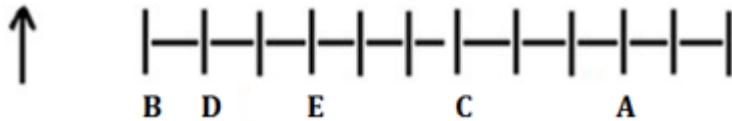
Sol.

S7. Ans (a)



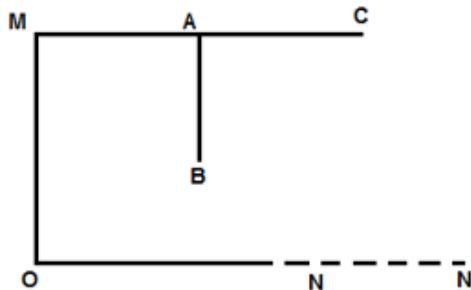
Sol.

S8. Ans (b)



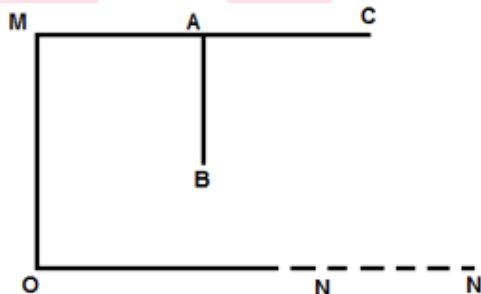
Sol.

S9. Ans.(d)



Sol.

S10. Ans.(d)



Sol.

S11. Ans.(c)

Sol. The machines arranges the given input in such a way that, Odd numbers are arranged in descending order in each step. After which even numbers also arranged in descending order. If 1st letter of word is vowel then it is arranged in alphabetical order in each step. In the next step, if the 1st letter of word is consonant, it is also arranged in alphabetical order.

Input: Toy 37 rat 88 65 orange itlay van 8

Step I: 65 Toy 37 rat 88 orange itlay van 8

Step II: 65 37 Toy rat 88 orange itlay van 8

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Step IV: 65 37 88 8 Toy rat orange itlay van

Step V: 65 37 88 8 itlay Toy rat orange van

Step VI: 65 37 88 8 itlay orange Toy rat van

Step VII: 65 37 88 8 itlay orange rat Toy van

S12. Ans.(c)

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S13. Ans.(d)

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Step VII: 65 37 88 8 itlay orange rat Toy van

S14. Ans.(c)

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S15. Ans.(d)

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