

Quiz Date: 13<sup>th</sup> June 2020

Direction (1-5): **Study the following information carefully and answer the questions given below-**

Eight persons are sitting in a row, some are facing north, and some are facing south. Those who are facing in north likes colour and those who are facing in south likes fruits. More than four persons sit between A and the one who likes kiwi. D sits third to the right of A. Only two persons sit between H and C who likes blue colour. G sits second to the left of the one who sits fourth to the right of E. E is not an immediate neighbor of A. The one who likes mango sits third to the left of G. H is neither an immediate neighbour of A nor of D. A likes green colour. The one who likes yellow colour sits second to the right of the one who likes grapes. E does not like kiwi. The one who likes white colour sits third to the right of F. B sits third to the left of the one who likes apple.

Q1. Who among the following sits third to the right of the one who likes White?

- (a) H
- (b) A
- (c) the one who likes grapes
- (d) The one who likes Kiwi
- (e) B

Q2. How many persons sit between G and the one who likes yellow colour?

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

Q3. Which of the following statement true about F?

- (a) F likes grapes
- (b) D sits second to the right of F
- (c) Three persons sit between F and C
- (d) F likes white colour
- (e) All are true

Q4. What is the position of C with respect to H?

- (a) Third to the left
- (b) Second to the right
- (c) Immediate Right
- (d) Second to the left
- (e) Immediate left

Q5. Who among the following likes Apple?

- (a) E
- (b) H
- (c) D
- (d) G
- (e) A

Directions (6-10): **Study the following information carefully and answer the given questions.**

A word and number arrangement machine when given an input line of words and numbers

rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

**Input: reforms 31 sector technology 96 home 14 49 local business 22 47**

Step I: 5 reforms 31 sector technology 96 49 local business 22 47 home

Step II: 13 5 reforms 31 sector technology 96 49 business 47 home local

Step III: 35 13 5 reforms technology 96 49 business 47 home local sector

Step IV: 51 35 13 5 technology 96 49 business home local sector reforms

Step V: 53 51 35 13 5 technology 96 home local sector reforms business

Step VI: 87 53 51 35 13 5 home local sector reforms business technology

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

**Input: 54 factory 33 income 17 26 dark 42 sport 87 optimism governance**

Q6. Which of the following element is 7<sup>th</sup> from the left in step III?

- (a) 54
- (b) Factory
- (c) 87
- (d) Dark
- (e) None of these

Q7. Which of the following element is exactly middle in '17' and 'income' in step V?

- (a) income
- (b) Governance
- (c) 42
- (d) 33
- (e) None of these

Q8. What is multiplication of smallest digit in step II and third highest digit in step V?

- (a) 725
- (b) 629
- (c) 100
- (d) 275
- (e) None of these

Q9. Which of the following element is third to the left of the element which is fourth to the right in step III?

- (a) Optimism
- (b) 87
- (c) 42
- (d) Factory
- (e) None of these

Q10. Which of the following element is 5<sup>th</sup> from the right in last step?

- (a) Sport
- (b) factory
- (c) Income
- (d) dark
- (e) None of these

Directions (11-15): Study the following information carefully to answer the given questions.

**In a certain code language:**

“Magazine Today Master” is written as “3\$Q 4\$D 2.5#X”

“Defence High Challenges” is written as “5\$R 3.5#D 2\$G”

“Response Inspiration Trial” is written as “4\$D 5.5#M 2.5#K”

Q11. What is the code for “Interface”?

- (a) 3#D
- (b) 4.5#D
- (c) 5\$F
- (d) 6\$G
- (e) None of these

Q12. What is the code for “Article Subscriber”?

- (a) 4#K 6.5\$H
- (b) 2\$F 3#C
- (c) 4\$Q 5.5#D
- (d) 3.5#D 5\$Q
- (e) None of these

Q13. What is the code for “Quiz”?

- (a) 2\$Y
- (b) 5#G
- (c) 6#F
- (d) 7.5 \$ D
- (e) None of these

Q14. What is the code for “Regional”?

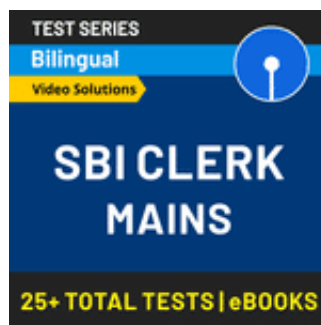
- (a) 6#H
- (b) 4\$K
- (c) 5.5#U
- (d) 2.5\$F
- (e) None of these

Q15. What is the code for “Separated”?

- (a) 5#D
- (b) 6\$G
- (c) 4.5#C
- (d) 7\$B
- (e) None of these

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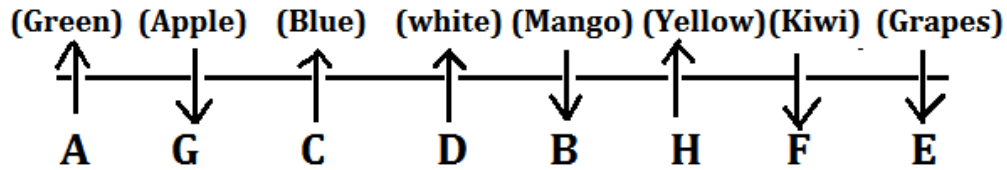
**adda247**



## Solutions

Solutions (1-5):

Sol.



S1. Ans.(d)

S2. Ans.(b)

S3. Ans.(c)

S4. Ans.(a)

S5. Ans.(d)

Solutions (6-10):

Sol. Students let us understand the Logic behind this Question and lets understand how to solve it. As a first step lets first understand the logic behind the Output. If you will see the final output, you will observe the following:

- (i)- In each step only one word and one number is getting arranged. The words are arranged according to the number of letters present in words in ascending order from left end to right end.  
(ii)- Numbers are arranged increasing order right to left. If number is even number subtract square of 3(i.e 9) in this number and if number is odd number add square of 2(i.e 4) in this number.

**Input: 54 factory 33 income 17 26 dark 42 sport 87 optimism governance**

Step I: 21 54 factory 33 income 26 42 sport 87 optimism governance dark

Step II: 17 21 54 factory 33 income 42 87 optimism governance dark sport

Step III: 37 17 21 54 factory 42 87 optimism governance dark sport income

Step IV: 33 37 17 21 54 87 optimism governance dark sport income factory

Step V: 45 33 37 17 21 87 governance dark sport income factory optimism

Step VI: 91 45 33 37 17 21 dark sport income factory optimism governance

S6. Ans.(c)

S7. Ans.(b)

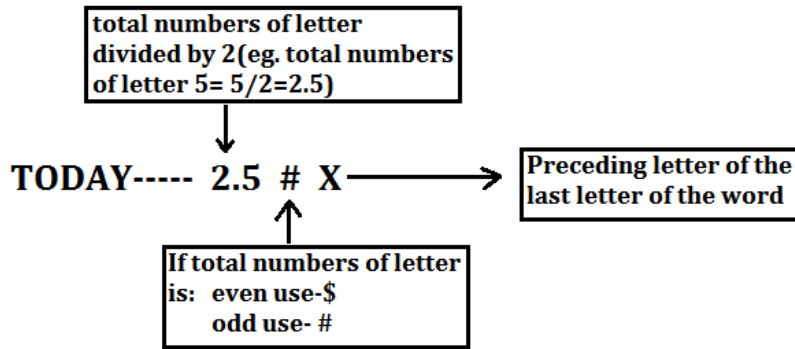
S8. Ans.(b)

S9. Ans.(c)

S10. Ans.(a)

Solutions (11-15):

Sol.



- S11. Ans.(b)
- S12. Ans.(d)
- S13. Ans.(a)
- S14. Ans.(b)
- S15. Ans.(c)



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