Quiz Date: 10th May 2020

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

Seven persons are living in seven different floors of building. One of the floors in the building is vacant. Ground floor is numbered one, and the topmost floor is numbered eight. Each of them went for vacation on different months of the year starting from January to July (but not necessarily in the same order).

C went for vacation before A. The one who went on April lives immediately below F. E lives on an odd numbered floor above fourth floor. Only three persons live between G and the vacant floor. There are only three floors between C and the one who went on June. The one who went on February live on one of the floors below fourth floor. There are only four floors between F and A. The person who went on July lives immediately below the person who went on January. The person who lives immediately below the vacant floor went on February. Only two floors are there between the persons who went on January and June. B lives immediately below the vacant floor. The number of floors between E and C is the same as the number of persons living above E. B lives on the floor which is immediately above the one who went on May. There is only one floor between E and the one who went on February. A went for vacation before F. D lives below G.

- Q1. E lives which of the following floor?
- (a) 6th floor
- (b) 5th floor
- (c) 7th floor
- (d) 4th floor
- (e) None of these
- Q2. Who among the following person went for vacation in January?
- (a) the one who lives on 3rd floor
- (b) C
- (c) D
- (d) the one who lives on top floor
- (e) None of these
- Q3. Who among the following persons lives immediate above vacant floor?
- (a) E
- (b) C
- (c) G
- (d) A
- (e) None of these
- Q4. How many persons live in between G and A?
- (a) One
- (b) Three
- (c) Four
- (d) Two

- (e) More than Four
- Q5. The one who lives 7th floor went for vacation in which month?
- (a) February
- (b) July
- (c) April
- (d) March
- (e) None of these

Directions (6-8): In each of the questions given below some statements are followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Q6. Statements:

Only a few blue is green.

All green is white.

Some purple is blue.

Conclusions:

- I. Some blue is white.
- II. Some white is purple.
- III. All blue is green is a possibility.
- (a) Only II is true
- (b) Only I is true
- (c) Only III is true
- (d) Both I and III is true
- (e) None of these

Q7. Statements:

All month are year.

Only a few date is month.

No time is month.

Conclusions:

- I. Some date is not time.
- II. All time is year is a possibility.
- III. No date is year.
- (a) Only I is true
- (b) Both I and II is true
- (c) Only II is true
- (d) Both II and III is true
- (e) None of these

Q8. Statements:

Only a few orange is apple.

Some apple is kiwi.





No grapes is apple.

Conclusions:

- I. No kiwi is grapes.
- II. All apples are orange is a possibility.
- III. All kiwi is not orange.
- (a) Both I and II is true
- (b) Only I is true
- (c) Only II is true
- (d) Only III is true
- (e) None of these

Directions (9-10): In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Q9. Statements:

Only a few water is rain.

All rain are drop.

Some drops are ocean.

Conclusions:

- I. All drop can be water
- II. All water is rain is a possibility
- III. No ocean is water.
- (a) Only I follows
- (b) Only II follows
- (c) Only I and II follow
- (d) Only III follows
- (e) None follows

Q10. Statements:

Only a few lake is river.

No river is dam

All wood is dam

Conclusions:

- I. All lake is dam is a possibility.
- II. Some wood is lake is a possibility
- III. No wood is river
- (a) Only I and II follow
- (b) Only II follows
- (c) Only II and III follows
- (d) All follow
- (e) None of these



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

Input: 73 52 dreams landmine 19 school flash 27

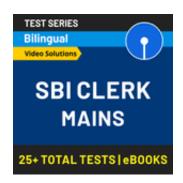
Step I: 19 73 52 dreams landmine school flash 27 Step II: 19 school 73 52 dreams landmine flash 27 Step III: 19 school 27 73 52 dreams landmine flash Step IV: 19 school 27 landmine 73 52 dreams flash Step V: 19 school 27 landmine 52 73 dreams flash Step VI: 19 school 27 landmine 52 flash 73 dreams

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

Input: alphabet tool 46 72 23 look finder 39

- Q11. Which of the following will be step III?
- (a) 23 tool alphabet 46 72 look finder 39
- (b) 46 23 tool alphabet 72 look finder 39
- (c) 23 46 tool alphabet 72 look finder 39
- (d) 23 tool 39 alphabet 46 72 look finder
- (e) None of the above
- Q12. Which of the following step will be the penultimate step?
- (a) I
- (b) VI
- (c) VII
- (d) V
- (e) None of these
- Q13. Which step give following output-
 - "23 tool 39 look 46 alphabet 72 finder"
- (a) Step IV
- (b) Step VI
- (c) Step II
- (d) Step I
- (e) None of these
- Q14. Which element would be at the fifth position from right end in step IV?
- (a) 23
- (b) tool
- (c) 46
- (d) alphabet
- (e) None of these

- Q15. How many elements are between '23' and '46' in step VI of the given input?
- (a) Six
- (b) Three
- (c) Two
- (d) Four
- (e) None of these



Solutions (1-5):

Sol.

Floor	Persons	Days
8	G	January
7	F	July
6	D	April
5	E	June
4	-	-
3	В	February
2	A	May
1	С	March

Solutions



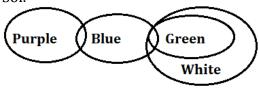


- S1. Ans.(b)
- S2. Ans.(d)
- S3. Ans.(a)
- S4. Ans.(c)
- S5. Ans.(b)

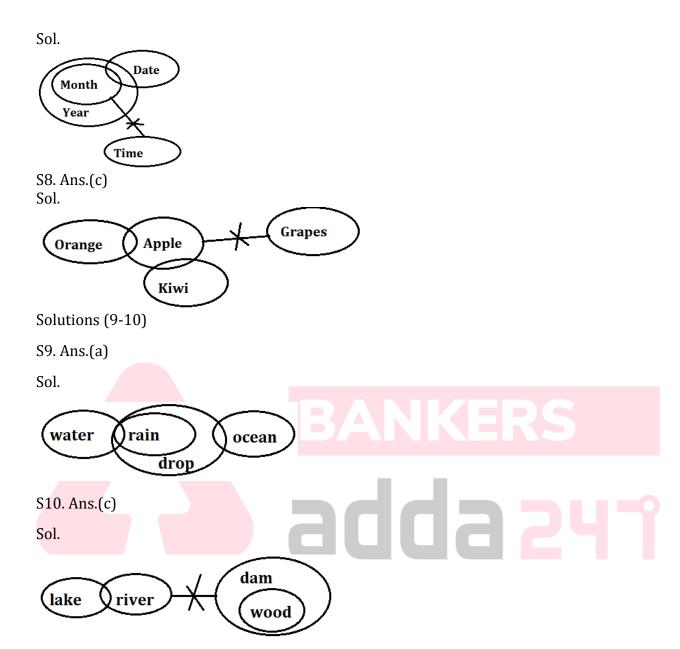
Solution (6-8):

S6. Ans.(b)

Sol.



S7. Ans.(b)



Solutions (11-15):

In this input output question, the machine rearranges one number and one word in each alternative step from left to right.

First, it rearranges numbers in ascending order, then.

Words are arranged in reverse alphabetical order according to the first letter.

Input: alphabet tool 46 72 23 look finder 39 Step I: 23 alphabet tool 46 72 look finder 39 Step II: 23 tool alphabet 46 72 look finder 39 Step III: 23 tool 39 alphabet 46 72 look finder Step IV: 23 tool 39 look alphabet 46 72 finder Step V: 23 tool 39 look 46 alphabet 72 finder

Step VI: 23 tool 39 look 46 finder alphabet 72 Step VII: 23 tool 39 look 46 finder 72 alphabet

S11. Ans.(d)

S12. Ans.(b)

S13. Ans.(e)

S14. Ans.(e)

S15. Ans.(b)



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