

Quiz Date: 21<sup>st</sup> April 2020

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

Seven persons viz. A, B, C, D, E, F and G went fishing on different days of a week starting Monday to Sunday but not necessarily in the same order. Each of them caught different number of fishes.

C went fishing on Wednesday and the number of fishes caught by him is an odd number. E was not the first person to go fishing. The one who went fishing on Friday caught four fishes. Total only twenty-four fishes were caught before Thursday. The number of fishes caught by each of the persons who went fishing on the first four days of the week is a multiple of three. Only six fishes were caught on Tuesday. D went fishing on Saturday and he caught two fishes less than F. G went fishing before A. Maximum number of fishes were caught on Monday. F went fishing on Thursday. B caught twice the number of fishes caught by E. The number of fishes caught by E is one less than that caught by C. F caught even number of fishes.

Q1. Who among the following caught ten fishes?

- (a) A
- (b) B
- (c) D
- (d) Cannot be determined
- (e) None of these

Q2. Total how many fishes were caught after Thursday?

- (a) 15
- (b) 16
- (c) 18
- (d) 20
- (e) None of these

Q3. Who went fishing on Sunday?

- (a) A
- (b) C
- (c) F
- (d) E
- (e) Data insufficient

Q4. Who among the following caught twelve fishes?

- (a) B
- (b) A
- (c) F
- (d) D
- (e) There is no such person

Q5. Who among the following caught the least number of fishes?



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- (a) F
- (b) C
- (c) D
- (d) G
- (e) None of these

Directions (6-10): **In the following questions, the symbols %, &, @, \$ and \* are used with the following meaning as illustrated below.**

'5 % 8' means '5 is not smaller than 8'.

'5 & 8' means '5 is neither smaller than nor equal to 8'.

'5 @ 8' means '5 is neither greater than nor equal to 8'.

'5 \$ 8' means '5 is neither greater than nor smaller than 8'.

'5 \* 8' means '5 is not greater than 8'.

Now, in each of the following questions assuming the given statements to be true, find which of the four Conclusions I and II given below them is/are definitely true and give your answer accordingly.

**Q6. Statements:** A&S\$O, P\*L&O, D\$A\*F

**Conclusions:**

I. F%D

II. S&P

- (a) Only II is true
- (b) Both I and II is true
- (c) Only I is true
- (d) Either I or II is true
- (e) Neither I nor II is true

**Q7. Statements:** K&F\*\$G&L&O%M@R

**Conclusions:**

I. J&R

II. G%F

- (a) Only I is true
- (b) Neither I nor II is true
- (c) Both I and II is true
- (d) Either I or II is true
- (e) Only II is true

**Q8. Statements:** W&T%X@U, O\*P@V\$W

**Conclusions:**

I. W&O

II. V&X

- (a) Both I and II is true
- (b) Only I is true
- (c) Either I or II is true
- (d) Neither I nor II is true
- (e) Only II is true

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Q9. **Statements:** Q\$K&N%P, R\*S@X\$Q

**Conclusions:**

I. R\*Q

II. Q&P

(a) Only I is true

(b) Only II is true

(c) Neither I nor II is true

(d) Either I or II is true

(e) Both I and II is true

Q10. **Statements:** R\$T&P, Y@T&E, P&O%C

**Conclusions:**

I. T&C

II. E@R

(a) Only I is true

(b) Only II is true

(c) Both I and II is true

(d) Either I or II is true

(e) Neither I nor II is true

Directions (11-15): **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 : 22 8 erunets 12 erutely erusker 18 erutify erusque 26 14 erutism

Step I : erunets 22 12 erutely erusker 18 erutify erusque 26 14 erutism 32

Step II : erusker erunets 22 erutely 18 erutify erusque 26 14 erutism 32 72

Step III: erusque erusker erunets 22 erutely 18 erutify 26 erutism 32 72 98

Step IV: erutely erusque erusker erunets 22 erutify 26 erutism 32 72 98 162

Step V : erutify erutely erusque erusker erunets 26 erutism 32 72 98 162 242

Step VI: erutism erutify erutely erusque erusker erunets 32 72 98 162 242 338

Step VI is the last step of the above arrangement.

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: 8 10 unroffs 2 unroots 12 unrobed unrolls 6 unrobes**

Q11. Which step number would be the following output?

unrobed 2 unrobed 12 10 unroffs 8 unroots unrolls

(a) Step IV

(b) Step V

(c) Step VI

(d) Step VII

(e) There will be no such step

Q12. Which of the following would be fifth to the left of second to the right position from the right end in Step IV for the above input?

- (a) 4
- (b) unrobed
- (c) 8
- (d) 10
- (e) None of these

Q13. How many elements (words or numbers) are there between 'unrolls' and '18' as they appear in the last step of the output?

- (a) One
- (b) Three
- (c) Four
- (d) Five
- (e) Seven

Q14. Which of the following represents the position of '18' in the fourth step?

- (a) Eighth from the left
- (b) Sixth from the left
- (c) Third from the right
- (d) Sixth from the right
- (e) Both (A) and (C)

Q15. In the last step of the rearrangement, 'unroots' is related to '72' and 'unrolls' is related to '50' in a certain way. Which of the following would '18' be related to, following the same pattern?

- (a) unrobed
- (b) unrobes
- (c) unroots
- (d) can't be determined
- (e) None of these



## Solutions

### Solutions (1-5):

Sol.

Person	Day	Fishes
G	Monday	Fifteen
A	Tuesday	Six
C	Wednesday	Three
F	Thursday	Twelve
B	Friday	Four
D	Saturday	Ten
E	Sunday	Two

S1. Ans.(c)

S2. Ans.(b)

S3. Ans.(d)

S4. Ans.(c)

S5. Ans.(e)

### Solutions (6-10):

S6. Ans (c)

Conclusions:

I.  $F\%D \rightarrow \text{True}$ ,

Sol. II.  $S\&P \rightarrow \text{False}$ .

S7. Ans (e)

Conclusions:

I.  $J\&R \rightarrow \text{False}$ ,

Sol. II.  $G\%F \rightarrow \text{True}$ .

S8. Ans (a)

Conclusions:

I.  $W\&O \rightarrow \text{True}$ ,

Sol. II.  $V\&X \rightarrow \text{True}$ .

S9. Ans (b)

Conclusions:

I.  $R*Q \rightarrow \text{False}$ ,

Sol. II.  $Q\&P \rightarrow \text{True}$ .

S10. Ans (c)

Conclusions:

I.  $T\&C \rightarrow \text{True}$ ,

Sol. II.  $E@R \rightarrow \text{True}$ .

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**Solutions (11-15)**

**Sol.** The machine rearranges one number and one word in each step. Words are arranged in alphabetical order at the left most end whereas numbers are arranged in an order of half of the square of the number starting from the smallest number and are arranged at the right most end.

Input: 8 10 unroffs 2 unroots 12 unrobed unrolls 6 unrobes

Step I : unrobed 8 10 unroffs unroots 12 unrolls 6 unrobes 2

Step II : unrobes unrobed 8 10 unroffs unroots 12 unrolls 2 18

Step III: unroffs unrobes unrobed 10 unroots 12 unrolls 2 18 32

Step IV : unrolls unroffs unrobes unrobed unroots 12 2 18 32 50

Step V : unroots unrolls unroffs unrobes unrobed 2 18 36 50 72

S11.Ans. (e)

S12.Ans. (b)

S13.Ans. (c)

S14.Ans. (e)

S15.Ans. (b)



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