Quiz Date: 1st May 2020

Directions (1-5): Study the following information carefully and answer the question given below:
In a three generation of a family, there are eight members i.e. D, E, F, G, H, I , J and K who were born on the same day of the same month of different year i.e. 1988, 1973, 1986, 1980, 1989, 1990, 2009, and 1984 but not necessarily in the same order.
Note: Their age are considered as on the same month and day of 2017 as their date of births.
J is four years younger than E. There is no grandmother in the family. The difference between the ages of G and F is a perfect square. G is the grandfather and oldest person of this family. The addition of the digits of I's age is a perfect square and J's age is not less than 30. E's age is not less than 30 years. D's age is a perfect cube but less than 30. F is one year older than K.

Q1. Who is 29 years old?
(a) I
(b) D
(c) F
(d) H
(e) J

Q2. Who among the following was born in 1984?
(a) K
(b) I
(c) G
(d) H
(e) J

Q3. How is H related to I?
(a) H is 6 years younger than I
(b) H is 7 years older than I
(c) H is 5 years older than I
(d) H is 2 years younger than I
(e) H is 4 years younger than I

Q4. Which of the following is correct?
(a) I was born in 1984
(b) K is 29 years old
(c) D was born in 1994
(d) E is 37 years old
(e) None of these

Q5. How many members were born between the years in which F and H born?
(a) Five
(b) One

(c) Three
(d) None
(e) None of these

Directions (6-10): Study the following information carefully and answer the given questions: In a certain code language,

"Domain Internet Opposition" is coded as "H3 J5 F3"
"India Magazine Kashmir" is coded as "H4 E3 G2"
 "Sunday Cuts Marketing" is coded as "F2 I3 D1"

Q6. Which of the following is the code of 'Force'?
(a) E4
(b) G3
(c) F6
(d) E2
(e) None of these

Q7. Which of the following represent 'Foreign Land' in coding language?
(a) D1 G3
(b) E4 H6
(c) A2 C3
(d) D2 E2
(e) None of these

Q8. Which of the following code represent 'Reelected'?
(a) F3
(b) I4
(c) H2
(d) G6
(e) None of these

Q9. Which of the following word represent 'C2'?
(a) Warn
(b) And
(c) Oil
(d) Only
(e) None of these

Q10. Which of the following word represent 'D2'?
(a) Hope
(b) After
(c) Only
(d) Dies
(e) Both (a) and (d)

Direction (11- 12): In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement and select the appropriate answer.

Q11. Statements: M>A≥B=Q≤P<J≤Y; Z≥A>X
Conclusions: I. B<Y   II. X≥J
(a) Only conclusion I is true.
(b) Neither conclusion I nor II is true.
(c) Only conclusion II is true.
(d) Both conclusion I and conclusion II are true.
(e) Either conclusion I or II is true.

Q12. Statements: M>A≥B=Q≤P<J≤Y; Z≥A>X
Conclusions: I. Z=Q   II. Z>Q
(a) Only conclusion I is true.
(b) Neither conclusion I nor II is true.
(c) Only conclusion II is true.
(d) Both conclusion I and conclusion II are true.
(e) Either conclusion I or II is true.

Directions (13-14): In each question 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 with 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.
Q13. Statements:
Only a few apple is mango.
All mango is litchi
Only litchi are grapes.
Conclusions:
I. Some litchi is apple.
II. Some grapes is mango
(a) Only I follows
(b) Both I and II follow
(c) Only II follows
(d) None follows
(e) Either I or II follows
Q14. Statements:
No green is yellow.
Only a few white is blue
Some blue is yellow.
Conclusions:
I. All white are blue is a possibility.
II. Some blue are green is a possibility.
(a) Only I follows
(b) Both I and II follow

(c) Only II follows
(d) Either I or II follows
(e) None follows

Directions (15): In making decisions about important questions, it is desirable to be able to distinguish between "Strong" arguments and "Weak" arguments in so far as they relate to the question. "Strong" arguments are those which are both important and directly related to the question. "Weak" arguments are those which are of minor importance and also may not be directly related to the question or may be related to a trivial aspect of the question.
Instructions: Each question below is followed by two arguments numbered I and II. You have to decide which of the arguments is a strong argument and which is a weak argument. Give answer
(a) If only argument I is strong.
(b) If only argument II is strong.
(c) If either I or II is strong.
(d) If neither I nor II is strong ; and
(e) If both I and II are strong.
Q15.Statement: Should the Elections Commission (EC) make it mandatory for political parties to give 33 per cent tickets to women?
Arguments:
I. Yes, the move will ensure larger percentage of women's representation in political arena.
II. No, the move will compel the parties to distribute tickets to women for those seats where possibility to win is less.

Solutions

Solutions (1-5):

Members	Years
G	1973
F	1989
K	1990
D	2009
I	1986
J	1984

E	1980
H	1988

Sol.
S1. Ans.(d)
S2. Ans.(e)
S3. Ans.(d)
S4. Ans.(d)
S5. Ans.(d)

Solution (6-10):
Logic-
* The number of alphabets in the given word is coded as the alphabet which has the same rank in the alphabetical series as the number of alphabets in the word. (For example: Stones--no of words =6 so code-F)
* The number in the code represents the number of vowel present in the word.
S6. Ans.(d)
S7. Ans.(a)
S8. Ans.(b)
S9. Ans.(c)
S10. Ans.(e)

Solutions (11-12):
S11.Ans.(a)
Sol. I. B=Q≤P<J≤Y(TRUE)   II.X<A≥B=Q≤P<J(FALSE)

S12. Ans.(e)
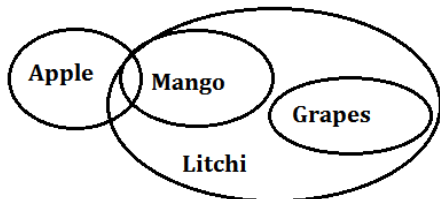Sol. I. Z≥A≥B=Q(FALSE)   II.Z≥A≥B=Q(FALSE)
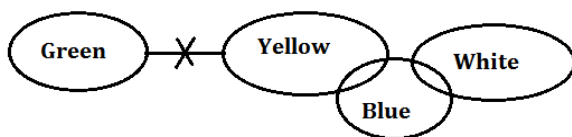

Solution (13-14):
S13. Ans.(a)
Sol.

S14. Ans.(c)
Sol.

S15. Ans.(a)

Sol. I is a strong argument because it is true that the outcome of the move will result as explained in the argument I. but II is weak because the abuse of a situation is inherent in any move.

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