Quiz Date: 22nd April 2020

Directions (1-5): **Study the following information carefully to answer the given questions.**
Seven persons- P, Q, R, S, T, U and V were born on seven different months of the same year starting from January to July, but not necessarily in the same order. Each person stays on a different floor of the same building. The lower most floor of the building is numbered 1 and top most floor of the building is number as 7. Each one of them has a different weight i.e. 44kg, 55kg, 60kg, 53kg, 52kg, 48kg and 47kg, but not necessarily in the same order. T does not live on the fifth floor. More than two persons lives between the one who weighs 48kg and the one who weighs 53kg. Q was born immediately before T. The one who weighs 52kg lives immediately below the one who weighs 48kg. Q is older than V. The person who weighs 44kg stays on one of the floors above the fourth floor.
The one who live on the topmost floor was born in July. The one who lives on the third floor was born immediately after R. The one who lives on the sixth floor was neither born in the month immediately before the month in which V was born nor in the month immediately after the month in which V was born. U is not the youngest and does not lives on the third floor. S is younger than P. Q is not the youngest. P is not the second heaviest. V lives on the second floor and was born in March. The one who stays on the first floor is the second youngest. More than four persons lives between the person who is the lightest and the person who weighs 47kg.

Q1. Who among the following person lives on fourth floor?
(a) Q
(b) T
(c) P
(d) S
(e) None of these

Q2. The one who lives on the third floor was born in which of the following months?
(a) April
(b) June
(c) July
(d) May
(e) January

Q3. How many persons living above P are older than him?
(a) Three
(b) Two
(c) None
(d) Four
(e) Five

Q4. How many persons live between the youngest and the oldest person?
(a) Three
(b) Five

(c) Two
(d) Four
(e) No one

Q5. Who among the following was born in April?
(a) Q
(b) P
(c) R
(d) S
(e) None of these

Direction (6-8): **Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer**

Q6. Six-persons J, K, L, M, N, O are there in a family each of them is of different weight. Who among the following is the heaviest?
I. M is heavier than N and K. J is heavier than M but not as heavy as O. K is lighter than L.
II. M is heavier than only three persons. K is lighter than L
(a) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) if the data either in statement I alone or in statement II alone are sufficient to answer the question.
(d) if the data in both statements I and II together are not sufficient to answer the question.
(e) if the data in both statements I and II together are necessary to answer the question.

Q7. Six persons A, B, C, D, E and F lives on a six storey building such as ground floor is numbered as 1 and above it 2 floor and so on … upto top floor numbered as 6. How many persons live between A and C?
I. C lives on an even numbered floor but not on top floor. Only two persons live between F and C. A lives below F.
II. Four persons live between B and D. No one lives between B and C. E lives immediately above F.
(a) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) if the data either in statement I alone or in statement II alone are sufficient to answer the question.
(d) if the data in both statements I and II together are not sufficient to answer the question.
(e) if the data in both statements I and II together are necessary to answer the question.

Q8. Six persons P, Q, R, S, T and U are sitting in row. All of them are facing north direction. Who among the following sits second from the right end?
I. Q sits at end extreme end of the row. P sits second to the right of Q. Only one person sits between P and R. T sits immediate right of R.
II. T sits third to the right of S. Only one person sits between T and P. U sits to the right to T. R is an immediate neighbor of T.
(a) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) if the data either in statement I alone or in statement II alone are sufficient to answer the question.
(d) if the data in both statements I and II together are not sufficient to answer the question.
(e) if the data in both statements I and II together are necessary to answer the question.

Q9. Six members of a family are sitting around a round table, two of them are facing outside the center, while rest are facing inside the center. Who sits third to the left of Y?
I. No one sits between X and Y, who faces outside the center. U is not the immediate neighbor of Y and doesn't faces outside the center. Z is not facing outside the center. V sits second to the right of U.
II. Z is not an immediate neighbor of Y, who faces outside the center. W sits to the second left of X, who sits opposite to V. There is one person between W and Y.
(a) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) if the data either in statement I alone or in statement II alone are sufficient to answer the question.
(d) if the data in both statements I and II together are not sufficient to answer the question.
(e) if the data in both statements I and II together are necessary to answer the question.

Q10. For the conclusion- Some sun is shine, which of the following statements stands true?
I. Statements: Some shine is cloud. All cloud is sun. No cloud is life. Some life is success.
II. Statements: Some sun is life. No life is shine. All shine is cloud. Some cloud is success.
(a) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) if the data either in statement I alone or in statement II alone are sufficient to answer the question.
(d) if the data in both statements I and II together are not sufficient to answer the question.
(e) if the data in both statements I and II together are necessary to answer the question.

Directions (11-13): **Study the information carefully and answer the questions given below.**

Ten persons A, B, C, D, E, F, G, I, J and H are born in different months i.e. June, July, August, September and December. They are born on either 12th or 25th of these months. Only one person is born on one date. B was born in a month having 30 days. Four persons are born between A and B. H is born immediately before F. Two persons born between A and I. Four persons are born between H and C. E was born on 12th of a month having 30 days. H was not born on 25th of any month. G is born immediate before J. Number of persons born between G and D is one less than person born between D and F. More than one person born after D. J was not born in the month which have 31 days.

Q11. Who among the following is born on 12th July?
(a) D
(b) G
(c) H
(d) B
(e) none of these

Q12. Which among the following pair represents the oldest and the youngest persons?
(a) E, C
(b) G, F
(c) B, D
(d) A, H
(e) none of these

Q13. Who among the following is born just after D?
(a) E
(b) F
(c) C
(d) B
(e) none of these

Q14. Which of the following should be placed in the blank spaces respectively (in the same order from left to right) in order to complete the given expression in such a manner that makes the expression C > N as well as E ≤ L definitely true?
C _ L _ O _ N _ E
(a) =, =, ≥, ≥
(b) >, ≥, =, >
(c) >, <, =, ≤
(d) >, =, =, ≥
(e) >, =, ≥, >

Q15. Which of the following symbols should be placed in the blank spaces respectively (in the same order from left to right) in order to complete the given expression in such a manner that makes the expression A > N as well as U > E definitely false?
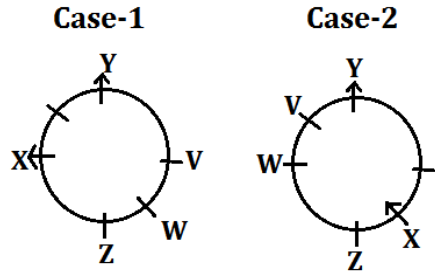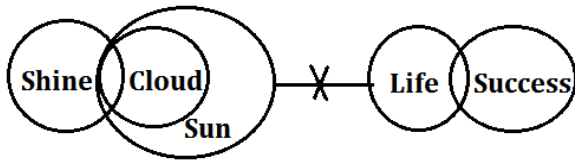A _ O _ U _ N _ E
(a) <, <, >, =
(b) <, =, =, >

(c) <, =, =, <
(d) >, =, =, ≥
(e) >, >, =, <

Solutions

Solutions (1-5):
Sol.

Floor	Person	Month	Weight
7	S	July	44kg
6	Q	January	48kg
5	R	April	52kg
4	T	February	55kg
3	P	May	60kg
2	V	March	53kg
1	U	June	47kg

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

Solutions (6-10):
S6. Ans.(e)
Sol. By using both the statements we can find O is the heaviest person in family.

S7. Ans.(d)
Sol. From both statement we can't fix the position of A.

S8. Ans.(a)
Sol. By using first statement we can find R sits second from the right end.

—|—|—|—|—|—|-

Q   P   R T

S9. Ans.(b)
Sol. By using second statement we can find Z sits third to the left of Y.

Case-1   **Case-2**

S10. Ans.(a)
Sol. From I statement:

Solutions (11-13):
Sol.

Date Month	12th	25th
June	G	J
July	A	C
August	D	I
September	E	B
December	H	F

S11.Ans(e)
S12.Ans(b)
S13.Ans(e)

S14. Ans.(d)
Sol. C > L = O = N ≥ E
In this expression C > N and E ≤ L both are true.

S15. Ans.(c)
Sol. A < O = U = N < E
In this expression A> N and U > E both are false.

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