Quiz Date: 25th February 2020

Directions (1-5): Read the given information carefully and answer the given questions.

Eight persons are living in an eight-floored building, in which ground floor is numbered as 1 and top floor is numbered as 8. All these persons are going in a carnival and participate in a game. In this game all persons are sitting around a circular table in such a way some are facing inside while some are facing outside the center.

D lives on an even numbered floor above third floor and sits third to the right of G. Three persons are live between D and E, who sits second to the left of D. The one who sits opposite to E lives immediate below H's floor and H sits third to the right of C. Neither E nor D immediate neighbour of C who is facing opposite direction as G. Three persons are lives between F and G who lives on an odd numbered floor above E's floor. B sits second to the left of C. E faces same direction as F but opposite to A. The one who lives immediate above F's floor sits second to the right of H. Only two persons are live between H and A who does not sit with D. B lives above C's floor. Immediate neighbours of G facing opposite directions to each other. H faces G and sits second to the left of A.

Q1. Who among the following sits third to the right of the one who lives on 4th floor?
(a) E
(b) A
(c) H
(d) G
(e) None of these

Q2. How many persons are siting between D and the one who lives on top floor, when counted left of D?
(a) One
(b) Two
(c) Five
(d) Three
(e) None

Q3. Who among the following lives immediate below D?
(a) The one who lives on 7th Floor
(b) G
(c) F
(d) The one who sits immediate right of E
(e) None of these

Q4. How many persons are live below F's floor?

(a) Five
(b) Two
(c) Four
(d) Three
(e) More than five

Q5. Which of the following statement is true about A?
(a) A lives immediate above F
(b) Only two persons are live between A and B
(c) G sits second to the left of A
(d) The one who sits third to the right of C lives immediate below A.
(e) Both (a) and (d)

Directions (6-10): Study the following information carefully and answer the questions given below.
L%M (8)- L is 4m in north of M
L$M (6)- L is 3m in south of M
L#M (12)- L is 6m in east of M
L&M (10)- L is 5m in west of M

A&B (44), G$E (20), D%H (16), A%C (24), D#C (30), E&F (26), H#G (12).

Q6. What is the direction of H with respect to A?
(a) South
(b) North-west
(c) North
(d) South-east
(e) None of these

Q7. What is the shortest distance between E and C?
(a) 11m
(b) √31m
(c) 15m
(d) √85m
(e) None of these

Q8. If point O is the mid-point A and B, then what is the direction of point O with respect to E?
(a) North
(b) South
(c) North-east
(d) South-west
(e) None of these

Q9. What is the direction of point F with respect to point G?
(a) North-west
(b) South-east
(c) South-west
(d) East
(e) None of these

Q10. A person starts walking in north direction from point X and walks 5m, then turns his left and walks 8m to reach at point Y. From point Y he takes three consecutive right turns and walks 10m, 15m and 2m respectively and reach at point Z. What is the shortest distance between point X and Z?
(a) 13m
(b) $\sqrt{251}$m
(c) 25m
(d) $\sqrt{281}$m
(e) None of these

Q11. How many words can be formed from the 2nd, 3rd, 4th and 7th letter of a word 'BREAKING' by using each letter once in the word?
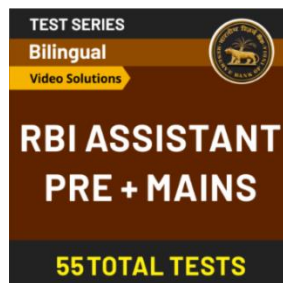(a) Four
(b) Three
(c) Two
(d) One
(e) None

Q12. **Statement:** World Health Organisation has decided to double its assistance to various health programmes in India as per-capital expenditure on health in India is very low compared to many other countries.
Assumptions:
I. The enhanced assistance may substantially increase the per-capita expenditure on health in India and bring it on par with other countries.
II. The Government funding is less than adequate to provide medical facilities in India.
(a) Only I is implicit
(b) Only II is implicit
(c) Either I or II is implicit
(d) Neither I nor II is implicit
(e) Both I and II are implicit

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Q13. **Statement:** "A visit of school children to forest to widen their knowledge of natural resources has been arranged." – A notice in the school.
Assumptions:
I. Forests are full of natural resources.
II. Children are likely to learn from their interaction with the new environment.
(a) Only I is implicit
(b) Only II is implicit
(c) Either I or II is implicit
(d) Neither I nor II is implicit
(e) Both I and II are implicit

Directions (14): In making decision about important questions, it is desirable to be able to distinguish between "strong" arguments and "weak" arguments. "Strong" arguments must be both important and directly related to the question. "Weak" arguments may not be directly related to the question and may be of minor importance or may be related to the trivial aspects of the question.

Q14.Should the women be advised not to travel alone at night in view of the increasing incidences of rapes and sexual abuse?
Arguments:
I. No, instead the Government should take measures to control such incidences.
II. Yes, it is difficult even for the police department to control such cases.
(a) if only argument I is strong.
(b) if only argument II is strong.
(c) if either argument I or II is strong.
(d) if neither argument I nor II is strong.
(e) if both arguments I and II are strong.

Directions (15): In the given question below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Q15. **Statement:** Irregularity is a cause for failure in exams. Some regular students fail in the examinations.
Conclusions:
I. All failed students are regular.
II. All successful students are not regular.
(a) if only conclusion I follows;
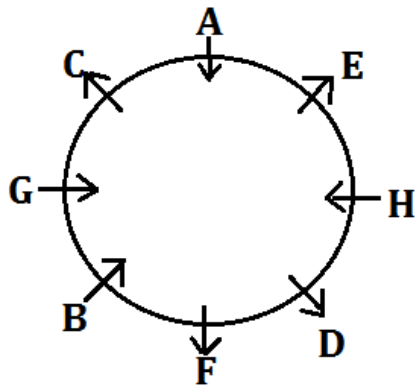(b) if only conclusion II follows;
(c) If either I or II follows;
(d) if neither I nor II follows; and
(e) if both I and II follow.

Solutions

Solutions (1-5):

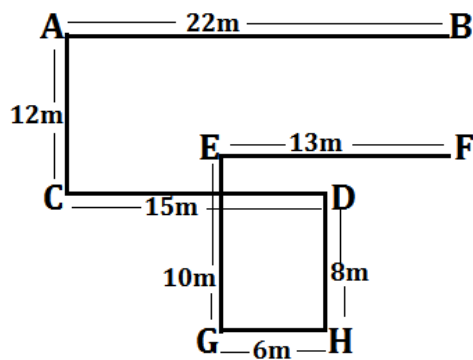| Floor	Persons
8	A
7	F
6	D
5	H
4	B
3	G
2	E
1	C

S1. Ans.(c)

S2. Ans.(b)

S3. Ans.(d)

S4. Ans.(e)

S5. Ans.(a)
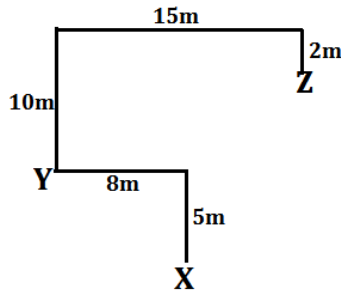
Solutions (6-9):
Sol.

S6. Ans.(d)
S7. Ans.(d)
S8. Ans.(c)
S9. Ans.(e)

S10. Ans.(e)
Sol.

S11. Ans.(c)
Sol. NEAR, EARN

S12.Ans.(e)
Sol. The fact that WHO has extended its assistance to India implies that government funding here is not adequate. So, II is implicit. Besides, WHO has decided to provide assistance to health programmes in India keeping in mind the considerably low per-capita expenditure on health. So, I is also implicit.

S13.Ans.(e)
Sol. The forests shall be visited to increase the knowledge of natural resources. This means that forests abound in natural resources. So, I is implicit. The children are being taken to forests to help them learn more practically. So, II is also implicit.

S14.Ans.(a)
Sol. Instead of giving advice to women, it is necessary for government to take measures to control such incidents.

S15.Ans. (d)
Sol. The-given statement clearly implies that all irregular and some regular students fail in the examinations. This, in turn, means that all successful students are regular but not all regular students are successful. So, neither I nor II follows.