Paper-Maker Paper Maker 10
Directions (1-5): Read all the information carefully and answer the given questions:
Seven students M, N, O, P, Q, R, and S live on seven different floors of a building, lowermost floor is 1 and topmost floor is 7, they like different colours i.e. Pink, Yellow, Blue, Red, Green, Grey, and Black and they study in different standard (std.) from 1 to 7 but not necessarily in the same order. The one who likes yellow studies in 1st std. Q likes Black, who doesn't study in 5th and 6th std. P lives immediately below the one who likes Green and immediately above the one who studies in 4th std. R lives on odd numbered floor and he likes Yellow. S lives on 4th floor. Q lives just above M but not on 2nd floor. Three persons live between P and the one who studies in 3rd std. O lives on odd numbered floor above 4th floor and he likes Blue. The one who studies in 5th std. lives above the one who studies in 2nd std. M doesn't live on even numbered floor. The one who likes Yellow doesn't live just below S's floor. N lives on even numbered floor. M doesn't like Pink. P likes red. Only one person lives between the ones who study in 5th and 2nd std.

Q1. Who among the following studies in 3rd std.?
(a) The one who likes black colour
(b) N
(c) The one who likes blue colour
(d) None of these
(e) Q
L1Difficulty 2
QTags floor based puzzle

Q2. Who among the following lives just above the one who likes Pink?
(a) M
(b) P
(c) S
(d) O
(e) None of these
L1Difficulty 2
QTags floor based puzzle

Q3. Q studies in which of the following std.?
(a) 1st
(b) 6th
(c) 4th
(d) 7th
(e) None of these
L1Difficulty 2
QTags floor based puzzle

Q4. M likes which of the following colour?
(a) Grey
(b) Red
(c) Black

(d) Pink
(e) None of these
L1Difficulty 2
QTags floor based puzzle

Q5. Who among the following studies in 6th std.?
(a) Q
(b) M
(c) S
(d) N
(e) O
L1Difficulty 2
QTags floor based puzzle

Directions (6-10): Study the following information carefully to 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: army 31 choose another 22 47 world 11 62 epic 35
Step I: 11 army 31 choose another 22 47 world 62 35 epic
Step II: 11 31 army choose another 22 47 62 35 world epic
Step III: 11 31 47 army another 22 62 35 choose world epic
Step IV: 11 31 47 22 army 62 35 another choose world epic
Step V: 11 31 47 22 35 62 army another choose world epic
And step V is the last step of the above input. As per the rules followed in the above step, find out the appropriate step for the given output.

Input: visit 17 48 grand black 23 opinion 61 25 science 16

Q6. Which element is exactly between the third element from left end and fifth element from right end in step IV?
(a) 48
(b) black
(c) visit
(d) grand
(e) 16
L1Difficulty 2
QTags Input-Output

Q7. In step II, '17' is related to 'black' and 'visit' is related to '61'. In the same way 'opinion' is related to?
(a) 25
(b) grand
(c) 23
(d) science
(e) 48

Q8. In which of the following step the elements "48 25 opinion" found in the same order?
(a) Step I
(b) Step IV
(c) Step III
(d) Step II
(e) no such step

Q9. In step II, what is the sum of fourth element from left end and third element from right end?
(a) 79
(b) 88
(c) 37
(d) 80
(e) 64

Q10. Which of the following element would be at the third from the left of the element which is sixth from the right end in step III?
(a) 61
(b) visit
(c) black
(d) 16
(e) 48

Directions (11-13): Study the following information carefully and answer the given questions:
Some people are sitting in a row facing North. A sits third to the left of B. Three people sit between B and D. C is second to the left of D. D is not sit on the extreme end of the row. Two people sit between C and E. There are as many people sit between B and G as sit between A and C. There are not more than ten people sit in the row.

Q11. Find out how many persons sits in the row?
(a) Seven
(b) Eight
(c) Thirteen
(d) Ten
(e) Nine

Q12. What is the position of 'E' from the left end?
(a) Second from the left
(b) Fourth from the left end
(c) Fifth from the left end
(d) Third from the left end
(e) None of these
L1Difficulty 1
QTags Puzzle

Q13. What is the position of 'B' with respect to 'A'?
(a) Second to the right
(b) Third to the left
(c) Fifth to the right
(d) Third to the right
(e) None of these
L1Difficulty 1
QTags Puzzle

Q14. Statement-Internet companies use technology plus teams of human reviewers to flag and remove posts from people who engage in extremist activity or express support for terrorism.
Which of the following statement abrogates the given statement?
(I)Google says it employs thousands of people to fight abuse on its platforms.
(II)Google's YouTube service removes any video that has hateful content or incites violence, and its software prevents the video from ever being reposted.
(III)Apple and Facebook's Whats App refused, noting that they didn't hold the keys needed to unscramble such messages.
(IV)Twitter says in the last six months of 2016, it suspended a total of 376,890 accounts for violations related to the promotion of extremism.
(a)Only I and IV
(b)Only II
(c)Only II and III
(d)Only III
(e)None of these
L1Difficulty 2
QTags logical reasoning

Q15. The Indian football team has jumped up a place to be ranked 100th for the first time ever in over two decades in the latest FIFA rankings released.
Which of the following substantiates the given statement?
(i)India is more passionate about cricket than football.
(ii)India's recent rise in the international footballing ladder has been propelled by wins over Cambodia and Myanmar.
(iii)Indian football team has not been playing for last one decade.

(a)Only I and II
(b)Only II
(c)Only II and III
(d)All of the above
(e)None of these
L1Difficulty 2
QTags logical reasoning

Solutions

S1. Ans.(c)

Sol.

Floor	Student	Colour	Std
7	O	Blue	3
6	Q	Black	7
5	M	Grey	5
4	S	Green	6
3	P	Red	2
2	N	Pink	4
1	R	Yellow	1

S2. Ans.(b)

Sol.

Floor	Student	Colour	Std
7	O	Blue	3
6	Q	Black	7
5	M	Grey	5
4	S	Green	6
3	P	Red	2
2	N	Pink	4
1	R	Yellow	1

S3. Ans.(d)

Sol.

Floor	Student	Colour	Std
7	O	Blue	3
6	Q	Black	7
5	M	Grey	5
4	S	Green	6
3	P	Red	2
2	N	Pink	4
1	R	Yellow	1

S4. Ans.(a)

Sol.

Floor	Student	Colour	Std
7	O	Blue	3
6	Q	Black	7
5	M	Grey	5
4	S	Green	6
3	P	Red	2
2	N	Pink	4
1	R	Yellow	1

S5. Ans.(c)

Sol.

Floor	Student	Colour	Std
7	O	Blue	3
6	Q	Black	7
5	M	Grey	5
4	S	Green	6
3	P	Red	2
2	N	Pink	4
1	R	Yellow	1

Solution (6-10):
Sol. In this input output question two numbers are arranged in each step following a certain pattern. Let us understand the logic behind it-
(i) For Words: Words are arranged according to the place value of the last letter in the alphabetical series from right to left in the right end. The word which has the last letter, which comes 1st in alphabetical series, is arranged first and so on. For example, "epic and choose" in which we can see that "c" and "e" are last letters of both words, but c comes 1st, so "epic" will be arranged 1st.
(ii) For Numbers: They are arranged in increasing order. The prime numbers are arranged first followed by composite numbers from left to right in left end.
Input: visit 17 48 grand black 23 opinion 61 25 science 16
Step I: 17 visit 48 black 23 opinion 61 25 science 16 grand
Step II: 17 23 visit 48 black opinion 61 25 16 science grand
Step III: 17 23 61 visit 48 opinion 25 16 black science grand
Step IV: 17 23 61 16 visit 48 25 opinion black science grand
Step V: 17 23 61 16 25 48 visit opinion black science grand
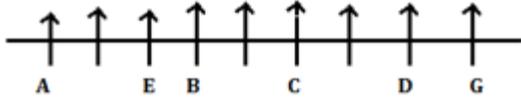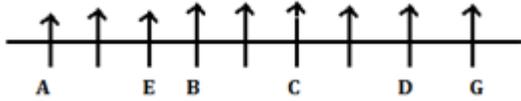S6. Ans.(c)
S7. Ans.(d)
S8. Ans.(b)
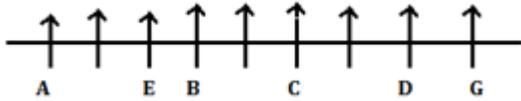S9. Ans.(e)
S10. Ans.(a)

S11. Ans(e)

Sol.

A   E B   C   D G

S12. Ans(d)

Sol.

A   E B   C   D G

S13. Ans(d)

Sol.

A   E B   C   D G

S14.Ans.(d)
Sol. In the above question we have to find out the statements which do not support the given statement.
For I-From I it is clear that Google is trying to fight with terrorism. So it supports the given statement.
For II-From II we can say that Google and You tube removes the post which has some objectionable content.
For III-From III It is clear that they cannot remove such content because they cannot decode such messages. So only this statement does not support the given statement.
For IV- This statement also supports the given statement as it says that Twitter is also taking steps towards removing accounts of extremists.

S15. Ans.(b)
Sol. In the above question we have to find the statement which supports the above statement.
Only (i) supports the above statement as ranking is based on performance of the team. So this improvement in ranking must have been resulted from victory of India over Cambodia and Myanmar.