SBI SO Mock Test 1

Directions 1-2: Each question has a pair of CAPITALIZED words followed by four pairs of words. Choose the pair of words which best expresses the relationship similar to that expressed in the capitalized pair.

Q.1.
WOOL : ACRYLIC
1. cotton : terylene
2. rayon : silk
3. plastic : rubber
4. winter : spring

Q.2.
SPEAR : DART
1. door : window
2. mountain : molehill
3. knife : sword
4. cannon : gun

Directions 3-4 : In each of these questions, a sentence has been divided into four parts and marked I, II, III, and IV. One or more parts contains a mistake in grammar, idiom or syntax. Identify that part and mark it as the answer.

Q.3.
1. I wondered who could be calling me at midnight
2. and when I took the phone
3. I found it was not other
4. Than my fiancé from Paris.

Q.4.
1. When you turn to your right,
2. you will find a big house
3. with a beautiful garden on the front side of it
4. and that is my residence.

Directions 5-6 Read the following sentences and select that item which does not belong to the group.

Q.5.
1. Air travel is expensive
2. Aeroplanes are expensive
3. Most people travel to Australia by air
4. Businessmen travel a lot by air.

Q.6.
1. Scientists use their logical abilities.
2. Artists use their creative abilities

Q.12. The average age of a mother and her six children is 12 years which is reduced by 5 years if the age of the mother is excluded. How old is the mother?
1. 50 years
2. 44 years
3. 42 years
4. 38 years

Q.13. The sum of two numbers is 37 and the difference of their squares is 185, then the difference between the two numbers is?
1. 10
2. 5
3. 3
4. 7

Q.14. If an electricity bill is paid before the due date, one gets a reduction of 4% on the amount of the bill. By the bill before the due date a person got a reduction of ₹13. What is the final amount of the electricity bill?
1. 325
2. 225
3. 425
4. 125

Q.15. By selling 45 lemons for ₹40 Ashit loses 20%. How many should he sell for ₹24 to gain 20% in the transaction?
1. 20
2. 18
3. 16
4. 22

Q.16. Ashit offers 2.5% discount on cash purchase to his customers. If Rekha wants to buy a cycle the marked price of which is 650. What cash amount would she pay availing the discount?
1. 633.75
2. 633.25
3. 634
4. 635

Q.17.
Statements:
Some Symbols are figures
All symbols are graphics
No graphics is a picture

Conclusion
1. Some graphics are figures
2. No symbols are graphics

1. Only 1 follows
2. Only 2 follows
3. Both 1 and 2 follows

4. Neither 1 nor 2 follows

Q.18.

Statements:
All vacancies are jobs
Some jobs are occupations

Conclusions:
1. All vacancies are occupations
2. All occupations being vacancies is a possibilities

1. Only 1 follows
2. Only 2 follows
3. Both 1 and 2 follows
4. Neither 1 nor 2 follows

Directions 19-21 Read the following and answer the questions.

Sohan is standing at a point G. After walking 12m to the East he takes a left and walks 9m to reach the point S. After taking right and walking 5m he reaches point Y which is 5m to the south-west of point J. Tarun who is standing at point J starts walking towards 4m to the North. Taking left and walking 14m, Tarun reaches Point D. Again he takes left walks 8m and stops at point R. Point Z is 9m North of point Q and 6m to the west of point R.

Q.19. In which direction is point D with respect to point Q?
1. South-east
2. North
3. North-east
4. West

Q.20. What is the distance between point R and L, if L is 1m to the south of D?
1. 5
2. 8
3. 7
4. 9

Q.21. In which direction is Point G with respect to point J?
1. North-west
2. East
3. South
4. South-west

Directions 22- 25: Read the information carefully and answer the following questions.

Seven flights namely J, B, D, Q, E, L, I are scheduled to fly to London. There is only one flight to London on each of the seven days of the week.
D flies on Wednesday, I flies the day next to B's flight. B does not fly on Monday or Friday. Two airlines flies between the day B and E flies. E does not fly on Sunday. Q flies a day before L.

Q.22. On which of the following days does J fly?

1. Monday
2. Tuesday
3. Saturday
4. Friday

Q.23. How many flights fly between L and D?
1. One
2. Two
3. Three
4. None

Q.24. If Flight D is postponed to Sunday owing to some technical problem and all the flights scheduled from Thursday to Sunday are now made to take off a day ahead of the regular schedule then, which of the following flights would now fly on Friday?
1. L
2. Q
3. J
4. B

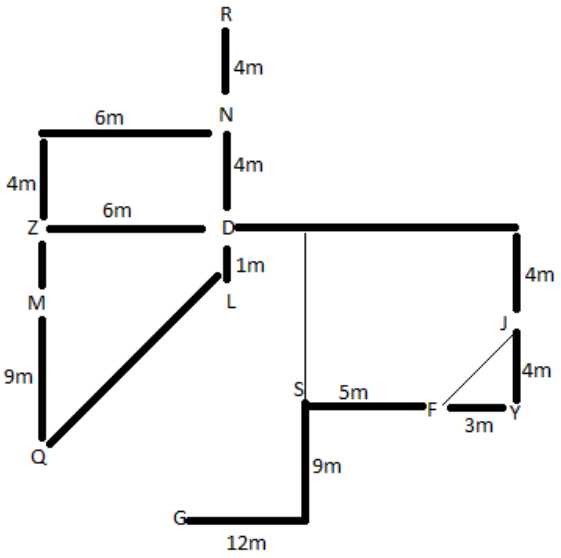
Q.25. Which of the following flights flies on Friday?
1. I
2. Q
3. E
4. J

Q 1. 1	Q 2. 3	Q 3. 4	Q 4. 4	Q 5. 2
Q 6. 3	Q 7. 1	Q 8. 3	Q 9. 1	Q 10.2
Q 11. 4	Q 12. 3	Q 13. 2	Q 14. 1	Q 15.2
Q 16. 1	Q 17. 3	Q 18. 2	Q 19. 3	Q 20. 4
Q 21. 4	Q 22. 2	Q 23. 3	Q 24. 2	Q 25. 1

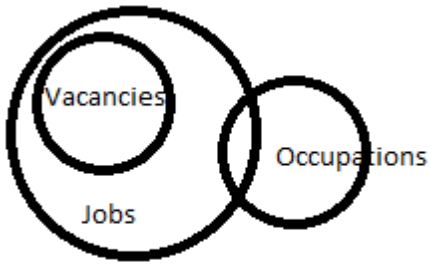
Solution 22-25:

Days	Flights
Monday	**E**
Tuesday	**J**
Wednesday	**D**
Thursday	**B**
Friday	**I**
Saturday	**Q**
Sunday	**L**

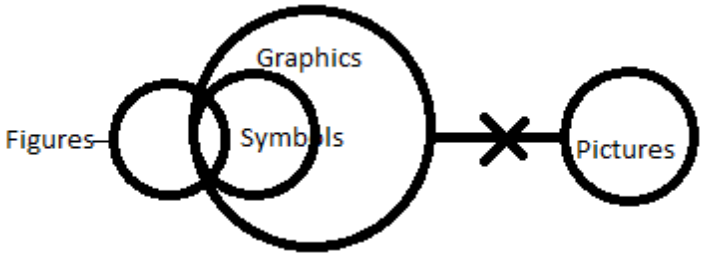
Solution 19-21



Solution 18.



Solution 17.



Solution 16. S.P. 97 ½% of ₹650
(195/2 x 1/100 x 650) = 633.75

Solution 15. Let the S.P. of 45 lemons be ₹x
Then, 80 : 40 = 120: x
X = (120 x 40) / 80 = 60
For ₹60 lemons sold = 45

For ₹24 lemons sold = [(45/60) x 24] = 18

Solution 14. Let the amount of the bill be ₹b.
4% of b = 13;
4b/100 = 13
b = [13 x 100] / 4
b = 325

Solution 13. Let the numbers be A and B where A > B.
As per the question
A + B = 37 and $A_2 - B_2 = 185$
(A + B) (A - B) = 185
37 (A - B) = 185
A - B = 185 / 37 = 5

Solution 12: Age of the mother = (12 x 7 - 7 x 6) = 42 years.

Solution 11. Let total number of workers be s,
Then, 6000s = (12000 x 150) + 3750 (s - 150)
2250s = 1237500
s = 55
Hence, the total number of workers in the factory is 550.

Solution 10. $\sqrt{(272^2 - 128^2)} = \sqrt{(272 + 128)(272 - 128)}$
$\sqrt{400 \times 144} = \sqrt{57600} = 240$

Solution 9. Let the two parts be x and (74 - x)
Then, 5x + 11(74 - x) = 454
6x = 360
X = 60 -- !st part
(74 - 60) = 14 2nd part.

Solution 8: Let the population of Village A and B be equal after P years
Then, 68000 - 1200p = 42000 + 800p
2000p = 26000
p = 1300
Hence, population of the two villages will be equal after 13 years.