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Syndicate Bank PO Reasoning Sample Paper

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(1) Statements:

    I.   A huge truck overturned on the middle of the road last night.

    II.   The police had cordoned of entire area in the locality this morning for half of the day.

[A] Statement I is the cause and statement II is its effect.

[B] Statement II is the cause and statement I is its effect.

[C] Both the statements I and II are independent causes.

[D] Both the statements I and II are effects of independent causes.

[E] Both the statements I and II are effects of some common cause.

Answer : [A]

Explanation: Since a huge truck overturned on the middle of the road last night, so, the police had cordoned off the entire area in the locality last morning for half of the day.

(2) Statements:

    I.   The Government has decided to hold a single entrance test for admission to all the medical colleges in India.

    II.   The State Government has debarred students from other States to apply for the seats in the medical colleges in the State.

[A] Statement I is the cause and statement II is its effect.

[B] Statement II is the cause and statement I is its effect.

[C] Both the statements I and II are independent causes.

[D] Both the statements I and II are effects of independent causes.

[E] Both the statements I and II are effects of some common cause.

Answer : [E]

Explanation: Both the statements are effects of some common cause.

(3) Statements:

    I.   The university officers have decided to conduct last examination every year in March/April in order to announce the result at proper time.

    II.   In past the result was declared late by the University due to the lack of number of examiners.

[A] Statement I is the cause and statement II is its effect.

[B] Statement II is the cause and statement I is its effect.

[C] Both the statements I and II are independent causes.

[D] Both the statements I and II are effects of independent causes.

[E] Both the statements I and II are effects of some common cause.

Answer : [B]

Explanation: Since in the past the result was declared late by university, it has decided to conduct the examination in March/April in order to announce the result at proper time.

(4) Statements:

 I. **The Government has increased rates of petrol and diesel by 10% from the immediate effect.**

 II. **Oil producing countries have decided to increase 10% of production on crude oil from the last quarter.**

[A] Statement I is the cause and statement II is its effect.

[B] Statement II is the cause and statement I is its effect.

[C] Both the statements I and II are independent causes.

[D] Both the statements I and II are effects of independent causes.

[E] Both the statements I and II are effects of some common cause.

Answer : [D]

Explanation: Both statements I and II are the effects of independent causes.

(5) Statements:

 I. **Majority of people residing in the locality have decided to protest against the municipality authority's decision to allow construction of a shopping mall in the locality.**

 II. **Many shopping malls have been opened all over the city in the recent time.**

[A] Statement I is the cause and statement II is its effect.

[B] Statement II is the cause and statement I is its effect.

[C] Both the statements I and II are independent causes.

[D] Both the statements I and II are effects of independent causes.

[E] Both the statements I and II are effects of some common cause.

Answer : [B]

Explanation: Since in the recent time, many shopping malls have been opened all over the city, therefore, majority of the people residing in the locality have decided to protest against the municipality authority's decision to allow construction of a shopping mall in the locality.

(6) If A is the brother of B; B is the sister of C; and C is the father of D, how D is related to A?

[A] Brother

[B] Sister

[C] Nephew

[D] Cannot be determined

Answer : [D]

Explanation:
If D is Male, the answer is Nephew.
If D is Female, the answer is Niece.
As the sex of D is not known, hence, the relation between D and A cannot be determined.
Note: Niece - A daughter of one's brother or sister, or of one's brother-in-law or sister-in-law. Nephew - A son of one's brother or sister, or of one's brother-in-law or sister-in-law.

(7) If A + B means A is the sister of B; A x B means A is the wife of B, A % B means A is the father of B and A - B means A is the brother of B. Which of the following means T is the daughter of P?

[A] P x Q % R + S - T

[B] P x Q % R - T + S

[C] P x Q % R + T - S

[D] P x Q % R + S + T

Answer : [B]

Explanation:
P x Q → P is the wife of Q
Q % R → Q is the father of R
R - T → R is the brother of T
T + S → T is the sister of S.
Therefore, T is the daughter of P.

(8)

1. **A3P means A is the mother of P**
2. **A4P means A is the brother of P**
3. **A9P means A is the husband of P**
4. **A5P means A is the daughter of P**

Which of the following means that K is the mother-in-law of M?

[A] M9N3K4J

[B] M9N5K3J

[C] K5J9M3N

[D] K3J9N4M

Answer : [B]

Explanation:
M9N → M is the husband of N
N5K → N is the daughter of K
Hence, → M is the son-in-law of K
K3J → K is the mother of J
Hence, → K is a lady
Hence, → K is the mother-in-law of M.

(9)

1. **B5D means B is the father of D.**
2. **B9D means B is the sister of D.**
3. **B4D means B is the brother of D.**
4. **B3D means B is the wife of D.**

Which of the following means F is the mother of K?

[A] F3M5K

[B] F5M3K

[C] F9M4N3K

[D] F3M5N3K

Answer : [A]

Explanation:
F3M → F is the wife of M
M5K → M is the father of K
Therefore, F is the mother of K.

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(10) Pointing towards a girl, Abhisek says, "This girl is the daughter of only a child of my father." What is the relation of Abhisek's wife to that girl?

[A] Daughter

[B] Mother

[C] Aunt

[D] Sister

Answer : [B]

Explanation: Only the child of my father means 'Abhisek' himself. This means the girl is the daughter od Abhisek. Hence, Abhisek's wife is the mother of the girl.

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(11) One morning Udai and Vishal were talking to each other face to face at a crossing. If Vishal's shadow was exactly to the left of Udai, which direction was Udai facing?

[A] East

[B] West

[C] North

[D] South

Answer : [C]

Explanation:

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(12) The length and breadth of a room are 8 m and 6 m respectively. A cat runs along all the four walls and finally along a diagonal order to catch a rat. How much total distance is covered by the cat?
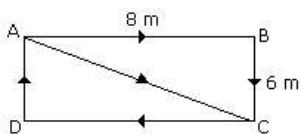
[A] 10

[B] 14

[C] 38

[D] 48

Answer : [C]

Required distance = $8 + 6 + 8 + 6 + \sqrt{8^2 + 6^2}$

= $28 + \sqrt{100}$

= $28 + 10$

Explanation: = 38 m

(13) One morning after sunrise Nivedita and Niharika were talking to each other face to face at Dalphin crossing. If Niharika's shadow was exactly to the right of Nivedita, Which direction Niharika was facing?

[A] North

[B] South

[C] East

[D] Data is inadequate

Answer : [A]

Explanation:
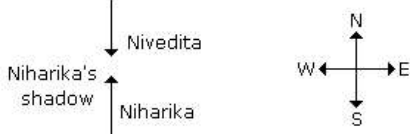
In the morning sun rises in the East. Hence then any shadow falls in the West. Since Nikharia's shadow was exactly to the right of Nivedita. Hence Nikharia is facing towards North.
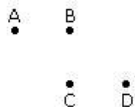
(14) Four friends A, B, C and D live in a same locality. The house of B is in the east of A's house but in the north of C's house. The house of C is in the west of D's house. D's house is in which direction of A's house?

[A] South-East

[B] North-East

[C] East

[D] Data is inadequate

Answer : [A]

Explanation:

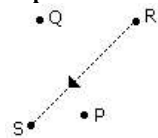Therefore, D's house is in the South-East direction of A.

(15) Village Q is to the North of the village P. The village R is in the East of Village Q. The village S is to the left of the village P. In which direction is the village S with respect to village R?

[A] West

[B] South-West

[C] South

[D] North-West

Answer : [B]

Explanation:

S is to the South-West of R.

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(16) Mr. Johnson was to earn £ 300 and a free holiday for seven weeks' work. He worked for only 4 weeks and earned £ 30 and a free holiday. What was the value of the holiday?

[A] £ 300

[B] £ 330

[C] £ 360

[D] £ 420

Answer : [B]

Explanation:

Let the value of the holiday be x.

Then, pay for seven weeks' work = £ 300 + x.

So, $\dfrac{£\,300 + x}{7} \times 4 = £\,30 + x \iff £\,1200 + 4x = £\,210 + 7x$

$\iff 3x = £\,990 \iff x = £\,330.$

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(17) Ravi's brother is 3 years senior to him. His father was 28 years of age when his sister was born while his mother was 26 years of age when he was born. If his sister was 4 years of age when his brother was born, what were the ages of Ravi's father and mother respectively when his brother was born ?

[A] 32 years, 23 years

[B] 32 years, 29 years

[C] 35 years, 29 years

[D] 35 years, 33 years

Answer : [A]

Explanation:
When Ravi's brother was born, let Ravi's father's age = x years and mother's age = y years.
Then, sister's age = (x - 28) years. So, x - 28 = 4 or x = 32.
Ravi's age = (y - 26) years. Age of Ravi's brother = (y - 26 + 3) years = (y - 23) years.
Now, when Ravi's brother was born, his age = 0 i.e. y - 23 = 0 or y = 23.

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(18) A student got twice as many sums wrong as he got right. If he attempted 48 sums in all, how many did he solve correctly ?

[A] 12

[B] 16

[C] 18

[D] 24

Answer : [B]

Explanation:
Suppose the boy got x sums right and 2x sums wrong.
Then, x + 2x = 48 ⇔ 3x = 48 ⇔ x = 16.

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(19) Aruna cut a cake into two halves and cuts one half into smaller pieces of equal size. Each of the small pieces is twenty grams in weight. If she has seven pieces of the cake in all with her, how heavy was the original cake ?

[A] 120 grams

[B] 140 grams

[C] 240 grams

[D] 280 grams

[E] None of these

Answer : [C]

Explanation:
The seven pieces consist of 6 smaller equal pieces and one half cake piece.
Weight of each small piece = 20 g.
So, total weight of the cake = [2 x (20 x6)]g= 240 g.

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(20) In a caravan, in addition to 50 hens, there are 45 goats and 8 camels with some keepers. If the total number of feet be 224 more than the number of heads in the caravan, the number of keepers is

[A] 5

[B] 8

[C] 10

[D] 15

Answer : [D]

Explanation:
Let number of keepers be x. Then,
Total number of feet = 2 x 50 + 4 x 45 + 4 x 8 + 2x = 2x + 312.
Total number of heads = 50 + 45 + 8 + x= 103 + x.
Therefore (2x + 312) = (103 + x) + 224 or x = 15.

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