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Topic:- JAT02 S2_P1

1) Read the following information carefully and answer the following question.

1. P, Q, R, S, and T are five friends.

2. Q is elder to T, but not as tall as R.

3. R is younger to P and is taller to S and T.

4. P is taller to S, but younger to T.

5. S is elder to P but is shortest in the group.

Who among the following is the youngest?

[Question ID = 10188]

1. P

[Option ID = 40746]

2. Q

[Option ID = 40747]

3. R

[Option ID = 40748]

4. S

[Option ID = 40749]

Correct Answer :-

- R

[Option ID = 40748]

2) Read the following information carefully and answer the following question.

1. P, Q, R, S, and T are five friends.

2. Q is elder to T, but not as tall as R.

3. R is younger to P and is taller to S and T.

4. P is taller to S, but younger to T.

5. S is elder to P but is shortest in the group.

Which of the following statements is correct?

A. Q is not the tallest

B. R is the tallest

C. T is only taller than S.

Choose the correct answer from the options given below.

[Question ID = 10189]

1. A only

[Option ID = 40750]

2. A and B only

[Option ID = 40751]

3. A, B and C only

[Option ID = 40752]

4. None of these

[Option ID = 40753]

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Correct Answer :-

- A only

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[Question ID = 407501]

Read the following information carefully and answer the following question.

1. P, Q, R, S, and T are five friends.

2. Q is elder to T, but not as tall as R.

3. R is younger to P and is taller to S and T.

4. P is taller to S, but younger to T.

5. S is elder to P but is shortest in the group.

The 5 friends are asked to stand in ascending order with respect to their age.

Which of the following is the correct order, if T is older to S?

[Question ID = 10190]

1. Q, T, S, P, R

   [Option ID = 40754]
2. Q, S, T, P, R

   [Option ID = 40755]
3. R, P, S, T, Q

   [Option ID = 40756]
4. R, P, T, S, Q

   [Option ID = 40757]

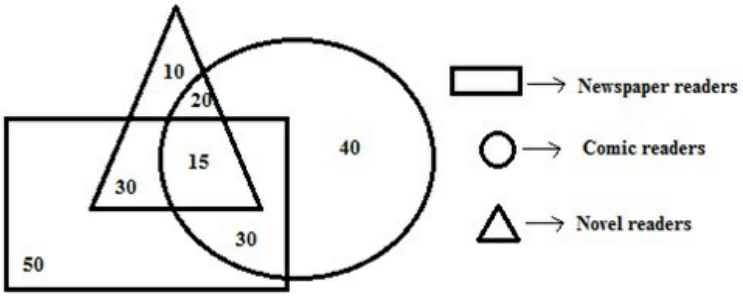
Correct Answer :-

- R, P, S, T, Q

  [Option ID = 40756]

Topic:- JAT02 S2_P2

1) Study the diagram given below and answer each of the following question.



How many people read both Newspaper and Comics only?

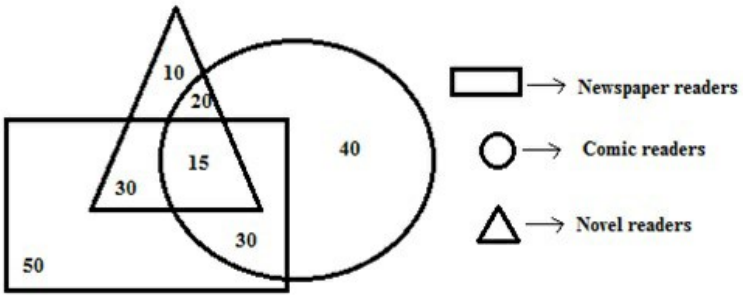
[Question ID = 10204]

1. 15 [Option ID = 40810]
2. 30 [Option ID = 40811]
3. 90 [Option ID = 40812]
4. 60 [Option ID = 40815]

Correct Answer :-

- 30 [Option ID = 40811]

2) Study the diagram given below and answer each of the following question.



How many people do not read Newspapers?

[Question ID = 10207]

1. 70 [Option ID = 40819]
2. 20 [Option ID = 40822]

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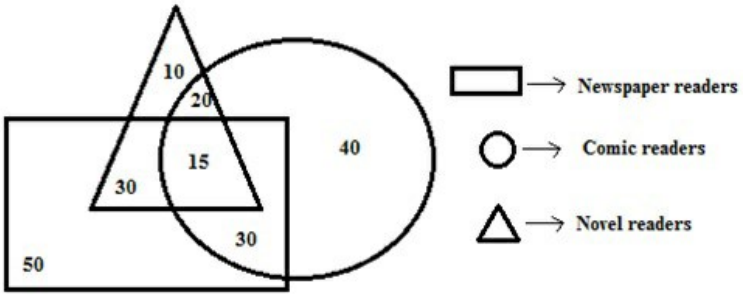
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3 [Option ID = 40824]
4 [Option ID = 40825]

Correct Answer :-

- 70 [Option ID = 40819]

3) Study the diagram given below and answer each of the following question.



How many people read neither comics, nor newspapers?

[Question ID = 10208]

1. 10 [Option ID = 40826]
2. 25 [Option ID = 40827]
3. 85 [Option ID = 40829]
4. None of these [Option ID = 40831]

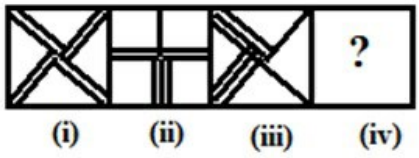
Correct Answer :-

- 10 [Option ID = 40826]

Topic:- JAT02 S2_P3

1) The set of four figures foms a series such that the fifth figure, when drawn, will be the same as the first figure.

Which of the given options can replace the box with the question mark?



[Question ID = 10257]

1. 

[Option ID = 41022]

2. 

[Option ID = 41023]

3. 

[Option ID = 41024]

4. 

[Option ID = 41025]

Correct Answer :-

- 

[Option ID = 41024]

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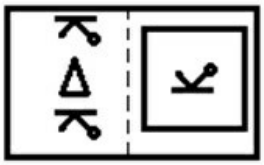
2) Given below is a pair of related figures and four other options of related figures.

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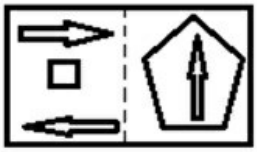
the options, find the one where the figures have the same relationship as in the given figure.



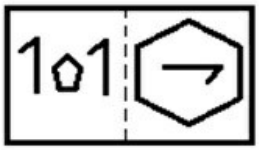
[Question ID = 10258]

1. 

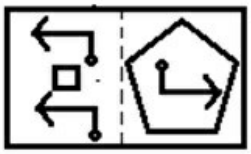
[Option ID = 41026]

2. 

[Option ID = 41027]

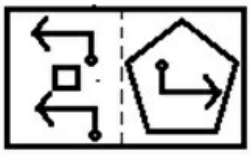
3. 

[Option ID = 41028]

4. 

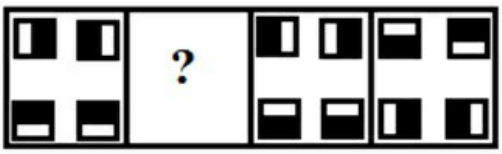
[Option ID = 41029]

Correct Answer :-

- 

[Option ID = 41029]

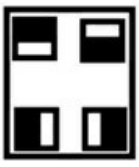
3) From the given options, select the figure to replace the question mark so as to establish the series.



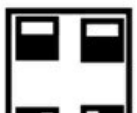
[Question ID = 10259]

1. 

[Option ID = 41030]

2. 

[Option ID = 41031]

3. 

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4. 

[Option ID = 41033]

Correct Answer :-

- 

[Option ID = 41031]

Topic:- JAT02 S2_P4

1) Choose the appropriate Antonym for the word DILAPIDATED from the options below.
[Question ID = 10261]

1. wasteful [Option ID = 41038]
2. expensive [Option ID = 41039]
3. fragrant [Option ID = 41040]
4. fresh [Option ID = 41041]

Correct Answer :-

- fresh [Option ID = 41041]

2) Choose the appropriate Antonym for the word ENIGMATIC from the options below.
[Question ID = 10262]

1. confused [Option ID = 41042]
2. loving [Option ID = 41043]
3. clear [Option ID = 41044]
4. evil [Option ID = 41045]

Correct Answer :-

- clear [Option ID = 41044]

3) Choose the appropriate Antonym for the word CALUMNY from the options below.
[Question ID = 10263]

1. small [Option ID = 41046]
2. carnival [Option ID = 41047]
3. commendation [Option ID = 41048]
4. fresh [Option ID = 41049]

Correct Answer :-

- commendation [Option ID = 41048]

Topic:- JAT02 S2_P5

1) Read the statement and answer the question that follows:

High levels of fertilizer and pesticides, needed when farmers try to produce high yield of the same crop year after year, pollute water supplies. Experts therefore urge farmers to diversify their crops and to rotate their plantings yearly. To receive governmental price-support benefits for a crop, farmers must have produced that same crop for the past several years.

The statements above, if true, best support which of the following conclusions?

[Question ID = 10265]

1. The rules for governmental support of farm prices work against efforts to reduce water pollution

   [Option ID = 41054]
2. The only solution to the problem of water pollution from fertilizers and pesticides is to take farmland out of production

   [Option ID = 41055]
3. Farmers can continue to make a profit by rotating diverse crops, thus reducing costs for chemicals, but not by planting the same crop each year

   [Option ID = 41056]
4. New farming techniques will be developed to make it possible for farmers to reduce the application of fertilizers and pesticides

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on ID = 41057]

Answer :-

- The rules for governmental support of farm prices work against efforts to reduce water pollution

[Option ID = 41054]

2) Read the statement and answer the statement that follows:

The average normal infant born in the United States weighs between twelve and fourteen pounds at the age of three months. Therefore, if a three-month-old child weighs only ten pounds, its weight gain has been below the United States average.

Which of the following indicates a flaw in the reasoning above?

[Question ID = 10266]

1. Average weight gain is not the same as average weight

   [Option ID = 41058]
2. Weight is only one measure of normal infant development

   [Option ID = 41059]
3. Some three-month-old children weigh as much as seventeen pounds

   [Option ID = 41060]
4. It is possible for a normal child to weigh ten pounds at birth

   [Option ID = 41061]

Correct Answer :-

- Average weight gain is not the same as average weight

[Option ID = 41058]

Topic:- JAT02 S2_P6

1) Read the following excerpt and answer the questions that follow.

Coral reefs are one of the most fragile, biologically complex, and diverse marine ecosystem on Earth. This ecosystem is one of the fascinating paradoxes of the biosphere: how do clear, and thus nutrient-poor, waters support such prolific and productive communities? Part of the answer lies within the tissues of the corals themselves. Symbiotic cells of algae known as zooxanthellae carry out photosynthesis using the metabolic wastes of the coral thereby producing food for themselves, for their corals hosts, and even for other members of the reef community. This symbiotic process allows organisms in the reef community to use sparse nutrient resources efficiently. Unfortunately for coral reefs, however, a variety of human activities are causing worldwide degradation of shallow marine habitats by adding nutrients to the water. Agriculture, slash-and-burn land clearing, sewage disposal and manufacturing that creates waste by-products all increase nutrient loads in these waters. Typical symptoms of reef decline are destabilized herbivore populations and an increasing abundance of algae and filter-feeding animals. Declines in reef communities are consistent with observations that nutrient input is increasing in direct proportion to growing human populations, thereby threatening reef communities sensitive to subtle changes in nutrient input to their waters.

The passage is primarily concerned with:-

[Question ID = 10268]

1. Describing the effects of human activities on algae in coral reefs

   [Option ID = 41066]
2. Explaining how human activities are posing a threat to coral reef communities

   [Option ID = 41067]
3. Discussing the process by which coral reefs deteriorate in nutrient-poor waters

   [Option ID = 41068]
4. Explaining how coral reefs produce food for themselves

   [Option ID = 41069]

Correct Answer :-

- Explaining how human activities are posing a threat to coral reef communities

[Option ID = 41067]

2) Read the following excerpt and answer the questions that follow.

Coral reefs are one of the most fragile, biologically complex, and diverse marine ecosystem on Earth. This ecosystem is one of the fascinating paradoxes of the biosphere: how do clear, and thus nutrient-poor, waters support such prolific and productive communities? Part of the answer lies within the tissues of the corals themselves. Symbiotic cells of algae known as zooxanthellae carry out photosynthesis using the metabolic wastes of the coral thereby producing food for themselves,

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their corals hosts, and even for other members of the reef community. This symbiotic process allows organisms in the community to use sparse nutrient resources efficiently. Unfortunately for coral reefs, however, a variety of human activities are causing worldwide degradation of shallow marine habitats by adding nutrients to the water. Agriculture, slash-and-burn land clearing, sewage disposal and manufacturing that creates waste by-products all increase nutrient loads in these waters. Typical symptoms of reef decline are destabilized herbivore populations and an increasing abundance of algae and filter-feeding animals. Declines in reef communities are consistent with observations that nutrient input is increasing in direct proportion to growing human populations, thereby threatening reef communities sensitive to subtle changes in nutrient input to their waters.

The passage suggests which of the following about coral reef communities?

[Question ID = 10269]

1. Coral reef communities may actually be more likely to thrive in waters that are relatively low in nutrients

   [Option ID = 41070]
2. The nutrients on which coral reef communities thrive are only found in shallow waters

   [Option ID = 41071]
3. Human population growth has led to changing ocean temperatures, which threatens coral reef communities

   [Option ID = 41072]
4. The growth of coral reef communities tends to destabilize underwater herbivore populations

   [Option ID = 41073]

Correct Answer :-

- Coral reef communities may actually be more likely to thrive in waters that are relatively low in nutrients

  [Option ID = 41070]

3) Read the following excerpt and answer the questions that follow.

Coral reefs are one of the most fragile, biologically complex, and diverse marine ecosystem on Earth. This ecosystem is one of the fascinating paradoxes of the biosphere: how do clear, and thus nutrient-poor, waters support such prolific and productive communities? Part of the answer lies within the tissues of the corals themselves. Symbiotic cells of algae known as zooxanthellae carry out photosynthesis using the metabolic wastes of the coral thereby producing food for themselves, for their corals hosts, and even for other members of the reef community. This symbiotic process allows organisms in the reef community to use sparse nutrient resources efficiently. Unfortunately for coral reefs, however, a variety of human activities are causing worldwide degradation of shallow marine habitats by adding nutrients to the water. Agriculture, slash-and-burn land clearing, sewage disposal and manufacturing that creates waste by-products all increase nutrient loads in these waters. Typical symptoms of reef decline are destabilized herbivore populations and an increasing abundance of algae and filter-feeding animals. Declines in reef communities are consistent with observations that nutrient input is increasing in direct proportion to growing human populations, thereby threatening reef communities sensitive to subtle changes in nutrient input to their waters.

The author refers to “filter-feeding animals” in order to:-

[Question ID = 10270]

1. Provide an example of a characteristic sign of reef deterioration

   [Option ID = 41074]
2. Explain how reef communities acquire sustenance for survival

   [Option ID = 41075]
3. Identify a factor that helps herbivore populations thrive

   [Option ID = 41076]
4. Indicate a cause of decreasing nutrient input in waters that reefs inhabit

   [Option ID = 41077]

Correct Answer :-

- Provide an example of a characteristic sign of reef deterioration

  [Option ID = 41074]

4) Read the following excerpt and answer the questions that follow.

Coral reefs are one of the most fragile, biologically complex, and diverse marine ecosystem on Earth. This ecosystem is one of the fascinating paradoxes of the biosphere: how do clear, and thus nutrient-poor, waters support such prolific and productive communities? Part of the answer lies within the tissues of the corals themselves. Symbiotic cells of algae known as zooxanthellae carry out photosynthesis using the metabolic wastes of the coral thereby producing food for themselves, for their corals hosts, and even for other members of the reef community. This symbiotic process allows organisms in the reef community to use sparse nutrient resources efficiently. Unfortunately for coral reefs, however, a variety of human activities are causing worldwide degradation of shallow marine habitats by adding nutrients to the water. Agriculture, slash-and-burn land clearing, sewage disposal and manufacturing that creates waste by-products all increase nutrient loads in these waters. Typical symptoms of reef decline are destabilized herbivore populations and an increasing abundance of algae and filter-feeding animals. Declines in reef communities are consistent with observations that nutrient input is increasing in

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proportion to growing human populations, thereby threatening reef communities sensitive to subtle changes in nt input to their waters.

According to the passage, which of the following is a factor that is threatening the survival of coral reef communities?

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[Question ID = 10271]

1. The waters they inhabit contain few nutrient resources

   [Option ID = 41078]
2. A decline in nutrient input is disrupting their symbiotic relationship with zooxanthellae

   [Option ID = 41079]
3. They are too biologically complex to survive in habitats with minimal nutrient input

   [Option ID = 41080]
4. Waste by-products result in an increase in nutrient input to reef communities

   [Option ID = 41081]

Correct Answer :-

- Waste by-products result in an increase in nutrient input to reef communities

  [Option ID = 41081]

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5) Read the following excerpt and answer the questions that follow.

Coral reefs are one of the most fragile, biologically complex, and diverse marine ecosystem on Earth. This ecosystem is one of the fascinating paradoxes of the biosphere: how do clear, and thus nutrient-poor, waters support such prolific and productive communities? Part of the answer lies within the tissues of the corals themselves. Symbiotic cells of algae known as zooxanthellae carry out photosynthesis using the metabolic wastes of the coral thereby producing food for themselves, for their corals hosts, and even for other members of the reef community. This symbiotic process allows organisms in the reef community to use sparse nutrient resources efficiently. Unfortunately for coral reefs, however, a variety of human activities are causing worldwide degradation of shallow marine habitats by adding nutrients to the water. Agriculture, slash-and-burn land clearing, sewage disposal and manufacturing that creates waste by-products all increase nutrient loads in these waters. Typical symptoms of reef decline are destabilized herbivore populations and an increasing abundance of algae and filter-feeding animals. Declines in reef communities are consistent with observations that nutrient input is increasing in direct proportion to growing human populations, thereby threatening reef communities sensitive to subtle changes in nutrient input to their waters.

It can be inferred from the passage that the author describes coral reef communities as paradoxical most likely for which of the following reasons?

[Question ID = 10272]

1. They are thriving even though human activities have depleted the nutrients in their environment

   [Option ID = 41082]
2. They are able to survive in spite of an overabundance of algae inhabiting their waters

   [Option ID = 41083]
3. They are able to survive in an environment with limited food resources

   [Option ID = 41084]
4. Their metabolic wastes contribute to the degradation of the waters that they inhabit

   [Option ID = 41085]

Correct Answer :-

- They are able to survive in an environment with limited food resources

  [Option ID = 41084]

Topic:- JAT02 S2_P7

1) Below are 4 sentences marked W, X, Y, Z. You are required to choose one of the 4 alternatives given to determine which would be the most logical sequence of these four sentences.

W. A man handed a pair of trousers to the department store sales assistant and said, “I would like to change this as I no longer like the colour”.

X. The man replied that he had lost the bill and demanded a refund instead of an exchange.

Y. The assistant said, “May I please see the bill that you would have got while buying this from us?”

Z. The assistant called the store manager who said, “As per our policy, without a receipt, we can neither exchange nor return any item.”

[Question ID = 10274]

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1. YZWX

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[Option ID = 41090]
2. [illegible]
[Option ID = 41091]
3. ZXYW

[Option ID = 41092]
4. WYXZ

[Option ID = 41093]

Correct Answer :-
- WYXZ

[Option ID = 41093]

---

2) Below are 4 sentences marked W, X, Y, Z. You are required to choose one of the 4 alternatives given to determine which would be the most logical sequence of these four sentences.

W. It is for this reason that they can be easily translated from one language into another.

X. In fact, many of the proverbs we are familiar with have come to us from different cultures and communities across the world.

Y. Proverbs contain simple and universal truths.

Z. Every community and culture has its own set of proverbs that they have evolved.

[Question ID = 10275]

1. WXYZ

[Option ID = 41094]
2. YWZX

[Option ID = 41095]
3. ZYXW

[Option ID = 41096]
4. XZWY

[Option ID = 41097]

Correct Answer :-
- YWZX

[Option ID = 41095]

---

3) Below are 4 sentences marked W, X, Y, Z. You are required to choose one of the 4 alternatives given to determine which would be the most logical sequence of these four sentences.

W. It resembles a horse with a horn at the center of its forehead.

X. It is believed to have magical properties and can heal sickness.

Y. It is now believed that the unicorn of legend may actually be the Indian one horned rhinoceros.

Z. A unicorn is a mythical creature and is found in ancient legends and fairytales.

[Question ID = 10276]

1. XYZW

[Option ID = 41098]
2. YZWX

[Option ID = 41099]
3. ZWXY

[Option ID = 41100]
4. WXYZ

[Option ID = 41101]

Correct Answer :-
- ZWXY

[Option ID = 41100]

Topic:- JAT02 S2_P8

---

1) Fill in the blanks with the most appropriate pair from among the four choices given.

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The person who has been working here _____ the last ten years, suddenly stopped coming to work and has not been seen _____ Tuesday last.

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[Option ID = 10278]
for [Option ID = 41106]
for [Option ID = 41107]
3. for, since [Option ID = 41108]
4. for, from [Option ID = 41109]

Correct Answer :-
- for, since [Option ID = 41108]

2) Fill in the blanks with the most appropriate pair from among the four choices given.

It had long been presumed that stone tool making was a hallmark of our _____, _____the recent discovery, in northwestern Kenya, of 3.3-million-year-old stone tools that are 7,00,000 years older than any other such stone tools ever found suggests it was the more ancient human ancestors who made the cognitive leap needed for crafting such implements.

[Question ID = 10279]

1. genius, per contra [Option ID = 41110]
2. genius, additionally [Option ID = 41111]
3. genus, after all [Option ID = 41112]
4. genus, however [Option ID = 41113]

Correct Answer :-
- genus, however [Option ID = 41113]

3) Fill in the blanks with the most appropriate pair from among the four choices given.

It sounds _____ that if a low carb diet can prevent a second heart attack from occurring, it should also be able to _____ the first occurrence.

[Question ID = 10280]

1. realistic, disintegrate [Option ID = 41114]
2. logical, allay [Option ID = 41115]
3. fascinating, foment [Option ID = 41116]
4. reasonable, augment [Option ID = 41117]

Correct Answer :-
- logical, allay [Option ID = 41115]

Topic:- JAT02 S2_P9

1) A sentence has been given in active or passive voice. You have to change the voice by choosing the best option from among the four choices given.

Does Darjeeling grow tea?

[Question ID = 10282]

1. Is tea exported by Darjeeling?

   [Option ID = 41122]
2. Is tea grown in Darjeeling?

   [Option ID = 41123]
3. Do you know if Darjeeling grows tea?

   [Option ID = 41124]
4. Tea is grown by Darjeeling isn't it?

   [Option ID = 41125]

Correct Answer :-
- Is tea grown in Darjeeling?

  [Option ID = 41123]

2) A sentence has been given in active or passive voice. You have to change the voice by choosing the best option from among the four choices given.

Since she has not done the preliminary work, the meeting has to be rescheduled.

[Question ID = 10283]

1. She did not do the preliminary work and this led to the meeting being rescheduled

   [Option ID = 41126]
2. I had to reschedule the meeting because of her

   [Option ID = 41127]
3. The meeting has to be rescheduled since she has not done the preliminary work.

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[Option ID = 41128]
4. ne ting has been rescheduled because she did not do the work
[Option ID = 41129]

Correct Answer :-

- The meeting has to be rescheduled since she has not done the preliminary work.

[Option ID = 41128]

Topic:- JAT02 S2_P10

1) The given pair of words has a specific relationship. From among the 4 choices given, choose the pair with a similar relationship as the one in the question.

benign: kind

[Question ID = 10288]

1. active: passive

[Option ID = 41146]

2. probity: honesty

[Option ID = 41147]

3. infection: injection

[Option ID = 41148]

4. summer: ice-cream

[Option ID = 41149]

Correct Answer :-

- probity: honesty

[Option ID = 41147]

2) The given pair of words has a specific relationship. From among the 4 choices given, choose the pair with a similar relationship as the one in the question.

virus: disease

[Question ID = 10289]

1. food: hunger

[Option ID = 41150]

2. exercise: health

[Option ID = 41151]

3. wealth: money

[Option ID = 41152]

4. height: weight

[Option ID = 41153]

Correct Answer :-

- exercise: health

[Option ID = 41151]

Topic:- JAT02 S2_P11

1) In a toy shop there are two boxes containing a toy car and a toy truck. The Red box shows the picture of a toy car inside and the Blue box shows the picture of a toy truck inside. The shopkeeper says that there has been an error in the packing and at least one of the boxes is showing false information. Which box contains the toy car?

[Question ID = 10291]

1. Red [Option ID = 41158]
2. Blue [Option ID = 41159]
3. No box contains the toy car [Option ID = 41160]
4. Not enough information to decide [Option ID = 41161]

Correct Answer :-

- Blue [Option ID = 41159]

2) X is ranked 12th from the top and Y is ranked 14th from the bottom in a class of 35 students. How many students are there between X and Y?

[Question ID = 10293]

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1. 8 [Option ID = 41166]
2. 9 [Option ID = 41167]

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3 [Option ID = 41168]
4 [Option ID = 41169]

Correct Answer :-
- 9 [Option ID = 41167]

3) Find the alternative which will replace the question mark: KLMN: OHPK:: AXTZ :?

[Question ID = 10294]

1. EWWX [Option ID = 41170]
2. ETWW [Option ID = 41171]
3. EACH [Option ID = 41172]
4. ECAH [Option ID = 41173]

Correct Answer :-
- ETWW [Option ID = 41171]

4) A family has four boys named Amar, Aditya, Arjun, and Aryan, and a girl named Asha. In terms of age, Amar is at the third place, counted from either direction. Asha has at least one younger brother. One boy is older than Asha but younger than Aryan. Asha is the younger sister of Arjun. Aditya is:-

[Question ID = 10295]

1. Oldest child

   [Option ID = 41174]
2. Older than Amar but younger than Aryan

   [Option ID = 41175]
3. Older than Asha but younger than Arjun

   [Option ID = 41176]
4. Youngest child

   [Option ID = 41177]

Correct Answer :-
- Youngest child

  [Option ID = 41177]

5) Abdul walked 20m towards East. Then he turned to his left and walked 30m. He again turned to his left and walked 20m. He then turned to his right and walked 31m. At what distance is Abdul from the starting point and which direction is he facing?

[Question ID = 10296]

1. 111m North [Option ID = 41178]
2. 61m North [Option ID = 41179]
3. 111m North-West [Option ID = 41180]
4. 61m North-West [Option ID = 41181]

Correct Answer :-
- 61m North [Option ID = 41179]

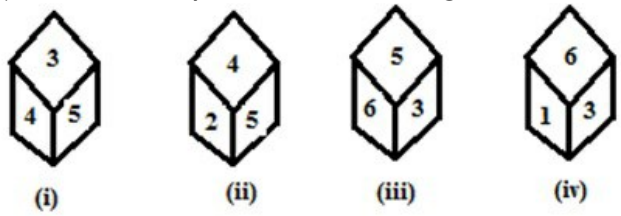
6) For the series: 10, 2, 4, _____ , 6, 8, 10, 10, 12, …, what number should be filled in the blank?

[Question ID = 10297]

1. 4 [Option ID = 41182]
2. 6 [Option ID = 41183]
3. 8 [Option ID = 41184]
4. 10 [Option ID = 41185]

Correct Answer :-
- 10 [Option ID = 41185]

7) Four different positions of a dice are given as follows. Find the number on the face opposite the face showing 4



[Question ID = 10298]

1. 1 [Option ID = 41186]
2. 2 [Option ID = 41187]
3. 5 [Option ID = 41188]
4. 6 [Option ID = 41189]

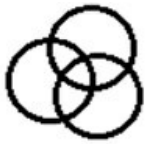
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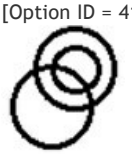
Answer :-
[Option ID = 41189]

8) Which of the following diagrams correctly represents the relationship among Delhi university students, cricket fans, and students living in Delhi hostels?

[Question ID = 10299]

1. 

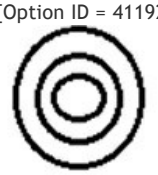
[Option ID = 41190]

2. 

[Option ID = 41191]

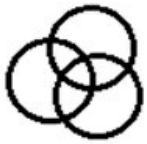
3. 

[Option ID = 41192]

4. 

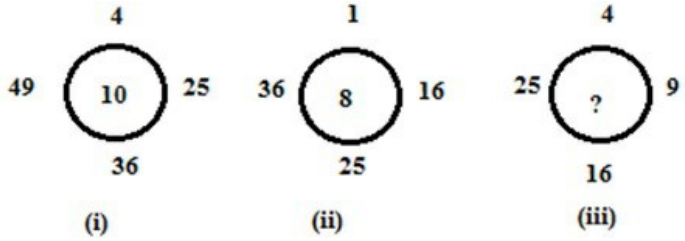
[Option ID = 41193]

Correct Answer :-

- 

[Option ID = 41190]

9) Find the missing number



[Question ID = 10300]

1. 10 [Option ID = 41194]
2. 7 [Option ID = 41195]
3. 5 [Option ID = 41196]
4. 4 [Option ID = 41197]

Correct Answer :-

- 7 [Option ID = 41195]

10) Statements:

All the scholars are teachers.
Some players are teachers.

Conclusions:

A. All the scholars are players
B. All players are scholars
C. Some teachers are players
D. All teachers are scholars

Which of the conclusions logically follows from the two given statement, taking the given two statements as true?

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[Question ID = 10301]

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1 C only
on ID = 41198]
2 D only

[Option ID = 41199]

3. C only

[Option ID = 41200]

4. D only

[Option ID = 41201]

Correct Answer :-

- C only

[Option ID = 41200]

---

11) What day of the week was 25 June 1984?
[Question ID = 10302]

1. Saturday [Option ID = 41202]
2. Sunday [Option ID = 41203]
3. Monday [Option ID = 41204]
4. Tuesday [Option ID = 41205]

Correct Answer :-

- Monday [Option ID = 41204]

---

12) A clock is set right at 10 a.m. The clock gains 5 mins in 12 hours. What will be the correct time when the clock indicates 3 p.m. on the following day?
[Question ID = 10305]

1. 3:12 p.m. [Option ID = 41211]
2. 3:20 p.m. [Option ID = 41213]
3. 2:48 p.m. [Option ID = 41215]
4. 2:40 p.m. [Option ID = 41217]

Correct Answer :-

- 2:48 p.m. [Option ID = 41215]

---

13) Find the odd one that does not belong to the group
[Question ID = 10306]

1. Skewed [Option ID = 41218]
2. One-sided [Option ID = 41220]
3. Dispersed [Option ID = 41222]
4. Biased [Option ID = 41224]

Correct Answer :-

- Dispersed [Option ID = 41222]

---

14) Which is the next term in the following series: 1, 1, 2, 3, 4, 6, 9,?
[Question ID = 10309]

1. 15 [Option ID = 41227]
2. 14 [Option ID = 41229]
3. 13 [Option ID = 41232]
4. 12 [Option ID = 41233]

Correct Answer :-

- 13 [Option ID = 41232]

---

15) Ornithology: Birds:: Dendrology:
[Question ID = 10311]

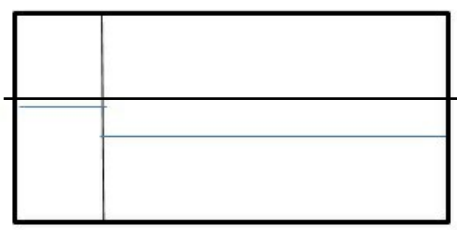
1. Skin [Option ID = 41235]
2. Trees [Option ID = 41236]
3. Insects [Option ID = 41238]
4. Animals [Option ID = 41240]

Correct Answer :-

- Trees [Option ID = 41236]

---

16) Count the number of rectangles in the following figure



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ion ID = 10312]
1. 4 [Option ID = 41242]
2. 5 [Option ID = 41244]
3. 6 [Option ID = 41246]
4. 7 [Option ID = 41248]

Correct Answer :-
- 7 [Option ID = 41248]

17) Choose the one that does not belong to the group
[Question ID = 10314]
1. 7:20 [Option ID = 41250]
2. 4:12 [Option ID = 41252]
3. 2:5 [Option ID = 41254]
4. 9:26 [Option ID = 41256]

Correct Answer :-
- 4:12 [Option ID = 41252]

18) In a survey for judging the popularity of three mobile phones A, B and C, 40% of those up to the age of 25 voted for A, 30% voted for B and the rest voted for C. Of those above 25 years of age, 30% voled for A and the remaining voted equally for B and C. If half of the participants in the survey were below the age of 25, which phone is more popular?
[Question ID = 10317]
1. Phone A [Option ID = 41259]
2. Phone B [Option ID = 41262]
3. Phone C [Option ID = 41264]
4. Not enough information [Option ID = 41265]

Correct Answer :-
- Phone A [Option ID = 41259]

19) If x and y are integers, to find the value of $x^2 + y^2$.

Statement I: x + y = 8
Statement II: x - y = 4

In light of the above statements, choose the correct answer from the options given below.

[Question ID = 10318]
1. Statement I alone is sufficient, but statement II alone is not sufficient

   [Option ID = 41266]
2. Statement II alone is sufficient, but statement I alone is not sufficient

   [Option ID = 41268]
3. Both statements together are sufficient, but neither statement alone is sufficient

   [Option ID = 41270]
4. Each statement alone is sufficient

   [Option ID = 41272]

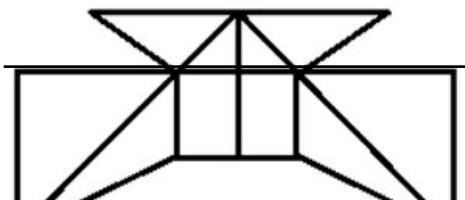
Correct Answer :-
- Both statements together are sufficient, but neither statement alone is sufficient

  [Option ID = 41270]

20) Pava is bigger than Java. Java is bigger than Mava. Rava is not as big as Sava but is bigger than Java. Mava is not as big as Java. Who is the smallest?
[Question ID = 10321]
1. Java [Option ID = 41276]
2. Pava [Option ID = 41278]
3. Rava [Option ID = 41280]
4. Mava [Option ID = 41281]

Correct Answer :-
- Mava [Option ID = 41281]

21) The minimum number of straight lines required to make the given figure are



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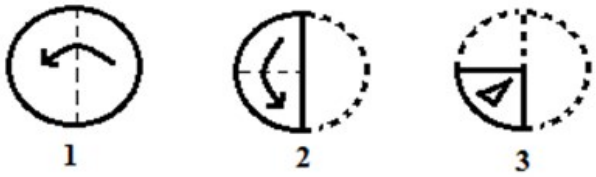
[Question ID = 10322]

1. 14 [Option ID = 41283]
2. 15 [Option ID = 41284]
3. 16 [Option ID = 41286]
4. 17 [Option ID = 41288]

Correct Answer :-

- 15 [Option ID = 41284]

22) Which of the unfolded figures in the given four options shall certainly result in the folded form given in figure 3?



[Question ID = 10325]

1. 

[Option ID = 41291]

2. 

[Option ID = 41292]

3. 

[Option ID = 41294]

4. 

[Option ID = 41296]

Correct Answer :-

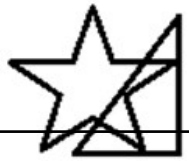
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[Option ID = 41296]

23) Which of the given options closely represents the "water image" formed if the given combination were standing on water?



[Question ID = 10326]

1. 

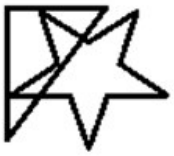
[Option ID = 41299]

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[Option ID = 41301]

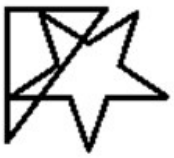
3. 

[Option ID = 41303]

4. 

[Option ID = 41305]

Correct Answer :-

- 

[Option ID = 41303]

24) Which number should replace the question mark?

2	6
2	3

5	0
1	6

6	5
5	?

[Question ID = 10329]

1. 2 [Option ID = 41310]
2. 3 [Option ID = 41311]
3. 4 [Option ID = 41312]
4. 6 [Option ID = 41313]

Correct Answer :-

- 3 [Option ID = 41311]

25) Let A and B be two sets having 3 and 6 elements respectively. What can be the minimum number of elements in $A \cup B$?

[Question ID = 10331]

1. 3

[Option ID = 41315]

2. 6

[Option ID = 41317]

3. 9

[Option ID = 41319]

4. 18

[Option ID = 41321]

Correct Answer :-

- 6

[Option ID = 41317]

26) If f(x) = $\frac{x-1}{x+1}$, then f (2x) is:-

[Question ID = 10332]

1. $\frac{f(x)+1}{f(x)+3}$

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[Option ID = 41323]

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2. $\frac{f(x)+1}{f(x)+3}$

[Option ID = 41325]

3. $\frac{f(x)+3}{f(x)+1}$

[Option ID = 41327]

4. $\frac{f(x)+3}{3f(x)+1}$

[Option ID = 41329]

Correct Answer :-

- $\frac{3f(x)+1}{f(x)+3}$

[Option ID = 41325]

27) The identity element for the binary operator $*$ defined by $a * b = \frac{ab}{2}$ where a and b are non-zero rational numbers, is given by:

[Question ID = 10335]

1. 1

[Option ID = 41333]

2. 0

[Option ID = 41334]

3. 2

[Option ID = 41336]

4. 3

[Option ID = 41337]

Correct Answer :-

- 2

[Option ID = 41336]

28) If $x = i$, then the value of x^x is

[Question ID = 10336]

1. $e^{-\pi/2}$

[Option ID = 41339]

2. $e^{\pi/2}$

[Option ID = 41342]

3. 1

[Option ID = 41344]

4. 0

[Option ID = 41345]

Correct Answer :-

- $e^{-\pi/2}$

[Option ID = 41339]

29) A Geometric Progression consist of 2n terms. If the sum of the terms occupying the odd places is S_1, and that of the terms in the even places is S_2, then S_2 / S_1 is

[Question ID = 10339]

1. Dependent on first term [Option ID = 41350]
2. Independent of the common ratio [Option ID = 41351]
3. Independent of the first term and common ratio [Option ID = 41352]
4. Dependent on the common ratio [Option ID = 41353]

Correct Answer :-

- Dependent on the common ratio [Option ID = 41353]

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30) If a, b, c are in arithmetic progression as well as in geometric progression, then

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[Option ID = 41356]

2. $a \neq b = c$

[Option ID = 41357]

3. $a \neq b \neq c$

[Option ID = 41360]

4. $a = b = c$

[Option ID = 41361]

Correct Answer :-

- $a = b = c$

[Option ID = 41361]

---

31) For what value of α and β, do the following simultaneous equations have an infinite number of solutions?

$x + y + z = 5; \quad x + 3y + 3z = 9; \quad x + 2y + \alpha z = \beta$

[Question ID = 10343]

1. 2,7

[Option ID = 41363]

2. 3,8

[Option ID = 41365]

3. 8,3

[Option ID = 41367]

4. 7,2

[Option ID = 41369]

Correct Answer :-

- 2,7

[Option ID = 41363]

---

32) The equation $y^2 - x^2 + 2x - 1 = 0$, represents

[Question ID = 10345]

1. a pair of straight lines

[Option ID = 41371]

2. a circle

[Option ID = 41373]

3. a parabola

[Option ID = 41374]

4. an ellipse

[Option ID = 41375]

Correct Answer :-

- a pair of straight lines

[Option ID = 41371]

---

33) The two circles $x^2 + y^2 - 2x - 3 = 0$ and $x^2 + y^2 - 4x - 6y - 8 = 0$ are such that

[Question ID = 10347]

1. they touch each other [Option ID = 41382]
2. they intersect each other [Option ID = 41383]
3. One lies inside the other [Option ID = 41384]
4. Neither of the other three options [Option ID = 41385]

Correct Answer :-

- they intersect each other [Option ID = 41383]

---

34) If the roots of the equation $x^2 - px + q = 0$ differ by unity, then:-

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[Option ID = 10349]

1. $= 4q$

[Option ID = 41389]

2. $p^2 = 4q - 1$

[Option ID = 41391]

3. $p^2 = 4q + 1$

[Option ID = 41392]

4. $p^2 = 2q$

[Option ID = 41393]

Correct Answer :-

- $p^2 = 4q + 1$

[Option ID = 41392]

35) The positive integral root of the equation $x^4 + \sqrt{x^4 + 20} = 22$, is:-

[Question ID = 10350]

1. 2

[Option ID = 41394]

2. 4

[Option ID = 41396]

3. 0

[Option ID = 41398]

4. 8

[Option ID = 41400]

Correct Answer :-

- 2

[Option ID = 41394]

36) If the matrix AB = 0, then

Statement I: It is not necessary that either A=0 or B=0
Statement II: A=0 or B=0
Statement III: A=0 and B=0

[Question ID = 10353]

1. Statement II is true

[Option ID = 41403]

2. Statement I is true

[Option ID = 41404]

3. Both Statement I and II are true

[Option ID = 41406]

4. Statement III is true

[Option ID = 41408]

Correct Answer :-

- Statement I is true

[Option ID = 41404]

37) The sum of 11 terms of an A.P. whose middle term is 40, is

[Question ID = 10354]

1. 340 [Option ID = 41410]
2. 440 [Option ID = 41411]
3. 480 [Option ID = 41413]
4. 330 [Option ID = 41415]

Correct Answer :-

- 440 [Option ID = 41411]

38) If commission of spelling mistakes are independent of each other, and the probability of a single spelling mistake in a page from a book is 0.1, what is the probability of three mistakes in one page?

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[Question ID = 10356]

1. 0.3 [Option ID = 41418]

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2. [Option ID = 41420]
3. [Option ID = 41421]
4. 3 [Option ID = 41423]

Correct Answer :-

- 0.001 [Option ID = 41422]

39) The average age of a family of six is 36 years. The youngest member of the family is 6 years old. The average of the family just before the birth of the youngest member is

[Question ID = 10359]

1. 36 years [Option ID = 41429]
2. 30 years [Option ID = 41431]
3. 35 years [Option ID = 41432]
4. 28 years [Option ID = 41433]

Correct Answer :-

- 36 years [Option ID = 41429]

40) If -3 < x < 4 and -2 < y < 2, then range of $(x+y)^2$ is:-

[Question ID = 10361]

1. $0 \le (x+y)^2 < 36$

   [Option ID = 41435]
2. $6 < (x+y)^2 < 36$

   [Option ID = 41437]
3. $0 < (x+y)^2 < 36$

   [Option ID = 41439]
4. $-6 \le (x+y)^2 < 36$

   [Option ID = 41441]

Correct Answer :-

- $0 \le (x+y)^2 < 36$

  [Option ID = 41435]

41) If $f(x) = 6x - 3$ and $f(g(x)) = 21$, then $g(x)$ is

[Question ID = 10362]

1. 2 [Option ID = 41442]
2. 4 [Option ID = 41444]
3. 6 [Option ID = 41447]
4. 8 [Option ID = 41449]

Correct Answer :-

- 4 [Option ID = 41444]

42) What is the sum of the series 0.5 + 0.55 + 0.555 + 0.5555 + ... up to n terms?

[Question ID = 10365]

1. $\frac{5}{9}\left[n - \frac{2}{9}\left(1 - \frac{1}{10^n}\right)\right]$

   [Option ID = 41451]
2. $\frac{1}{9}\left[5 - \frac{2}{9}\left(1 - \frac{1}{10^n}\right)\right]$

   [Option ID = 41453]
3. $\frac{1}{9}\left[n - \frac{5}{9}\left(1 - \frac{1}{10^n}\right)\right]$

   [Option ID = 41455]
4. $\frac{5}{9}\left[n - \frac{1}{9}\left(1 - \frac{1}{10^n}\right)\right]$

   [Option ID = 41457]

Correct Answer :-

- $\frac{5}{9}\left[n - \frac{1}{9}\left(1 - \frac{1}{10^n}\right)\right]$

  [Option ID = 41457]

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43) What is the vector of unit length orthogonal to both the vectors $\vec{i}+\vec{j}+\vec{k}$ and $2\vec{i}+3\vec{j}-\vec{k}$?

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ion ID = 10366]

1. $\frac{-4\vec{i}+3\vec{j}-\vec{k}}{\sqrt{26}}$

[Option ID = 41459]

2. $\frac{-4\vec{i}+3\vec{j}+\vec{k}}{\sqrt{26}}$

[Option ID = 41461]

3. $\frac{-3\vec{i}+2\vec{j}-\vec{k}}{\sqrt{14}}$

[Option ID = 41463]

4. $\frac{-3\vec{i}+2\vec{j}+\vec{k}}{\sqrt{14}}$

[Option ID = 41465]

Correct Answer :-

- $\frac{-4\vec{i}+3\vec{j}+\vec{k}}{\sqrt{26}}$

[Option ID = 41461]

---

44) For two events *A* and *B*, it is given that $P(A) = {}^{3}/_{5}$, $P(B) = {}^{3}/_{10}$ and $P(A|B) = {}^{2}/_{3}$.

If $\bar{A}$ and $\bar{B}$ are the complementary events of *A* and *B*, then $P(\bar{A}|\bar{B})$ is

[Question ID = 10369]

1. ${}^{3}/_{7}$

[Option ID = 41468]

2. ${}^{3}/_{4}$

[Option ID = 41470]

3. ${}^{1}/_{3}$

[Option ID = 41472]

4. ${}^{4}/_{7}$

[Option ID = 41473]

Correct Answer :-

- ${}^{3}/_{7}$

[Option ID = 41468]

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45) A machine has three parts A, B and C that function independently. The chance of the three parts being defective is 0.02, 0.10 and 0.05, respectively. The machine stops working if any one of the parts becomes defective. Which of the options is closest to the probability that the machine will not stop working?

[Question ID = 10370]

1. 0.06 [Option ID = 41474]
2. 0.16 [Option ID = 41476]
3. 0.84 [Option ID = 41478]
4. 0.94 [Option ID = 41480]

Correct Answer :-

- 0.84 [Option ID = 41478]

---

46) If $\sum_{i=1}^{n}(x_i - 2) = 110$, $\sum_{i=1}^{n}(x_i - 5) = 20$ then what is the mean $\bar{x}$?

[Question ID = 10373]

1. $\frac{11}{2}$

[Option ID = 41483]

2. $\frac{2}{11}$

[Option ID = 41485]

3. $\frac{17}{3}$

[Option ID = 41488]

4. $\frac{17}{9}$

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[Option ID = 41489]

Answer :-

- $\frac{17}{3}$

[Option ID = 41488]

47) The value of the expression ${}^{47}C_4 + {}^{51}C_3 + \sum_{j=2}^{5} {}^{52-j}C_3$ is:-

[Question ID = 10375]

1. ${}^{52}C_4$

[Option ID = 41491]

2. ${}^{51}C_5$

[Option ID = 41493]

3. ${}^{53}C_4$

[Option ID = 41495]

4. ${}^{52}C_5$

[Option ID = 41497]

Correct Answer :-

- ${}^{52}C_4$

[Option ID = 41491]

48) What curve passes through the point $(1,1)$ and has a slope of $\frac{2y}{x}$?

[Question ID = 10377]

1. Circle [Option ID = 41499]
2. Parabola [Option ID = 41501]
3. Ellipse [Option ID = 41503]
4. Hyperbola [Option ID = 41505]

Correct Answer :-

- Parabola [Option ID = 41501]

49) Which of the following is a solution to the differential equation $\frac{dP}{dt} = P(1-P)$?

[Question ID = 10379]

1. $P = {}^{1}/_{(1+e^{-t})}$

[Option ID = 41507]

2. $P = {}^{1}/_{(1-e^{-t})}$

[Option ID = 41509]

3. $P = {}^{1}/_{(1+e^{t})}$

[Option ID = 41511]

4. $P = {}^{1}/_{(1-e^{t})}$

[Option ID = 41513]

Correct Answer :- "Question to be deleted"

50) Consider the function $f(x) = \frac{a^{[x]+x}-1}{[x]+x}$ where $[.]$ denotes the greatest integer function. The value of $\lim_{x\to 0^-} f(x)$ is

[Question ID = 10381]

1. 0

[Option ID = 41515]

2. $\ln(a)$

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[Option ID = 41517]

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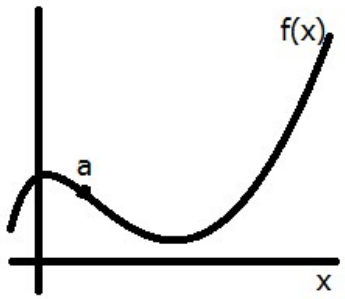
3. a^{-1} [Option ID = 41519]
4. Limit does not exist [Option ID = 41520]

Correct Answer :-

- $1 - a^{-1}$

[Option ID = 41519]

51) Which statement regarding the plotted function is true?



[Question ID = 10382]

1. $f(a) > 0, f'(a) > 0, f''(a) > 0$

[Option ID = 41522]

2. $f(a) > 0, f'(a) < 0, f''(a) < 0$

[Option ID = 41524]

3. $f(a) < 0, f'(a) < 0, f''(a) > 0$

[Option ID = 41528]

4. $f(a) > 0, f'(a) > 0, f''(a) < 0$

[Option ID = 41529]

Correct Answer :-

- $f(a) > 0, f'(a) < 0, f''(a) < 0$

[Option ID = 41524]

52) The value of the parameter α, for which the function $f(x) = 1 + \alpha x, \alpha \neq 0$ is the inverse of itself, is

[Question ID = 10385]

1. -2 [Option ID = 41534]
2. -1 [Option ID = 41537]
3. 4 [Option ID = 41539]
4. 2 [Option ID = 41541]

Correct Answer :-

- -1 [Option ID = 41537]

53) The value of the derivative of the function f(x) = |x - 1| + |x -3|, at x = 2 is

[Question ID = 10388]

1. -2 [Option ID = 41544]
2. 0 [Option ID = 41546]
3. 2 [Option ID = 41548]
4. not defined [Option ID = 41549]

Correct Answer :-

- 0 [Option ID = 41546]

54) If $y = 4x - 5$ is a tangent to the curve $y^2 = px^3 + q$ at (2, 3), then

[Question ID = 10390]

1. $p = 2, q = -7$

[Option ID = 41551]

2. $p = -2, q = 7$

[Option ID = 41553]

3. $p = -2, q = -7$

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[Option ID = 41555]

2. $p = 2, q = 7$

[Option ID = 41557]

Correct Answer :-

- $p = 2, q = -7$

[Option ID = 41551]

55) The function f defined by $f(x) = (x+2)e^{-x}$ is

[Question ID = 10391]

1. Decreasing for all x [Option ID = 41558]
2. Decreasing in (-∞, -1) and increasing in (-1, ∞) [Option ID = 41561]
3. Increasing for all x [Option ID = 41563]
4. Decreasing in (-1, ∞) and increasing in (-∞, -1) [Option ID = 41565]

Correct Answer :-

- Decreasing in (-1, ∞) and increasing in (-∞, -1) [Option ID = 41565]

56) The electricity bill of a certain establishment is partly fixed and partly varies as the number of units of electricity consumed. When in a certain month 540 units are consumed, the bill is Rs. 1800. In another month, 620 units are consumed, and the bill is Rs. 2040. In yet another month, 500 units are consumed. The bill for that month would be:-

[Question ID = 10394]

1. Rs 1560

   [Option ID = 41567]
2. Rs 1680

   [Option ID = 41569]
3. Rs 1840

   [Option ID = 41571]
4. Rs 1950

   [Option ID = 41573]

Correct Answer :-

- Rs 1680

  [Option ID = 41569]

57) 10 men and 15 women together can complete a work in 6 days. It takes 100 days for one man alone to complete the same work. How many days will be required for one woman alone to complete the work?

[Question ID = 10396]

1. 90 [Option ID = 41575]
2. 225 [Option ID = 41577]
3. 145 [Option ID = 41580]
4. 150 [Option ID = 41581]

Correct Answer :-

- 225 [Option ID = 41577]

58) In an examination, 65% of students passed in Civics and 60% in History, 40% passed in both of these subjects. If 90 students failed in History and Civics both, then what is the total number of students?

[Question ID = 10397]

1. 600 [Option ID = 41583]
2. 650 [Option ID = 41585]
3. 700 [Option ID = 41587]
4. 750 [Option ID = 41589]

Correct Answer :-

- 600 [Option ID = 41583]

59) At what price should a shopkeeper mark a radio that costs him Rs 1200 in order that he may offer a discount of 20% on the marked price and still make a profit of 25%?

[Question ID = 10400]

1. Rs 1675 [Option ID = 41591]
2. Rs 1875 [Option ID = 41592]
3. Rs 1900 [Option ID = 41594]
4. Rs 2025 [Option ID = 41596]

Correct Answer :-

- Rs 1875 [Option ID = 41592]

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60) Who among the following is the current chairman of Insurance Regulatory Development Authority of India (IRDAI)?

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ion ID = 10402]
1. S.K Mohanty

[Option ID = 41598]
2. UK Sinha

[Option ID = 41600]
3. Subhash Chandra Khuntia

[Option ID = 41602]
4. Ajay Tyagi

[Option ID = 41604]

Correct Answer :-

- Subhash Chandra Khuntia

[Option ID = 41602]

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61) What is India's rank in the Human Development Index report released by United Nations Development Programme (UNDP) in the year 2019?
[Question ID = 10403]
1. 129 [Option ID = 41606]
2. 143 [Option ID = 41608]
3. 118 [Option ID = 41610]
4. 106 [Option ID = 41612]

Correct Answer :-

- 129 [Option ID = 41606]

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62) Who won the Best Actor Award at Dadasaheb Phalke International Film Festival Awards 2020?
[Question ID = 10406]
1. Sushant Singh Rajput [Option ID = 41615]
2. Rajkummar Rao [Option ID = 41617]
3. Ayushman Khurana [Option ID = 41619]
4. Hrithik Roshan [Option ID = 41621]

Correct Answer :-

- Hrithik Roshan [Option ID = 41621]

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63) Chandrayaan-2 Mission was launched by Indian Space Research Organisation (ISRO) aboard which Satellite Launch Vehicle?
[Question ID = 10407]
1. PSLV-C11 [Option ID = 41622]
2. GSLV Mark III [Option ID = 41624]
3. PSLV - XL [Option ID = 41626]
4. GSLV-F11 [Option ID = 41628]

Correct Answer :-

- GSLV Mark III [Option ID = 41624]

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64) Which one among the following companies has partnered with UNESCO Mahatma Gandhi Institute of Education for Peace (MGIEP) to adopt technology in classrooms?
[Question ID = 10410]
1. Tata Consultancy Services [Option ID = 41630]
2. Dell Technologies [Option ID = 41632]
3. Microsoft [Option ID = 41634]
4. Infosys [Option ID = 41636]

Correct Answer :-

- Dell Technologies [Option ID = 41632]

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65) Om Birla is
[Question ID = 10411]
1. Speaker of Lok Sabha [Option ID = 41638]
2. Chief Election Commissioner [Option ID = 41640]
3. Famous Indian Industrialist [Option ID = 41643]
4. India's envoy to Pakistan [Option ID = 41645]

Correct Answer :-

- Speaker of Lok Sabha [Option ID = 41638]

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66) "Unbreakable" is an autobiography of which Indian sports person?
[Question ID = 10414]
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1. Sachin Tendulkar [Option ID = 41647]

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2. Usha [Option ID = 41649]
3. Mary Kom [Option ID = 41651]
4. Jwala Singh [Option ID = 41653]

Correct Answer :-

- M.C. Mary Kom [Option ID = 41651]

67) UDAY is a:-

[Question ID = 10416]

1. Scheme related to urban youth [Option ID = 41655]
2. Plan to develop urban infrastructure [Option ID = 41657]
3. Plan to aid ailing electricity distribution companies [Option ID = 41659]
4. Scheme for development of central universities' infrastructure [Option ID = 41661]

Correct Answer :-

- Plan to aid ailing electricity distribution companies [Option ID = 41659]

68) MGNREGA is a scheme wherein

[Question ID = 10418]

1. People below poverty line get free health treatment [Option ID = 41664]
2. Cooking gas is supplied in Metro cities at subsidized rate to urban poor [Option ID = 41666]
3. Girl child is given free education and certain amount is deposited in her account [Option ID = 41668]
4. Employment and livelihood is provided to rural labour [Option ID = 41669]

Correct Answer :-

- Employment and livelihood is provided to rural labour [Option ID = 41669]

69) Which of the following banks have been amalgamated with Punjab National Bank?

[Question ID = 10419]

1. Corporation Bank and Andhra Bank [Option ID = 41670]
2. Syndicate Bank and Canara Bank [Option ID = 41672]
3. Oriental Bank of Commerce and United Bank of India [Option ID = 41674]
4. Vijaya Bank and Dena Bank [Option ID = 41676]

Correct Answer :-

- Oriental Bank of Commerce and United Bank of India [Option ID = 41674]

70) Given that

$$\begin{array}{ccc} 2 & \Delta & 6 \\ +\Delta & 0 & \Delta \\ \hline 5 & \Delta & 9 \end{array}$$

What is the value of Δ?

[Question ID = 11226]

1. 3

   [Option ID = 44898]
2. 5

   [Option ID = 44899]
3. 7

   [Option ID = 44900]
4. None of these

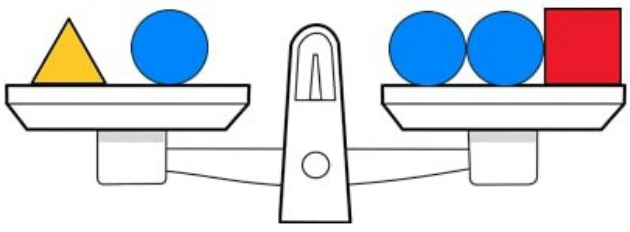
   [Option ID = 44901]

Correct Answer :-

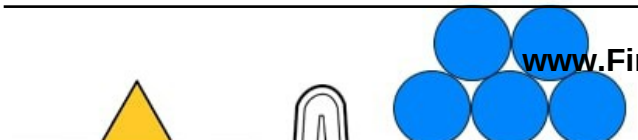
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  [Option ID = 44898]

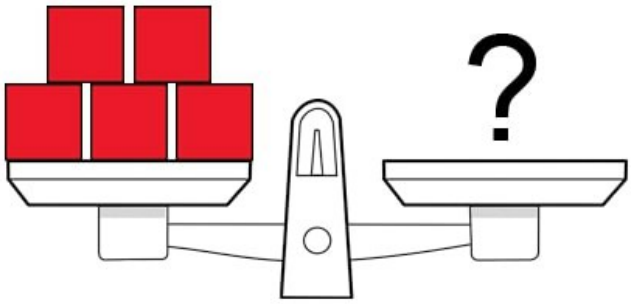
71) Which of the following cannot be placed on the right side of the bottom scale in order to make it balance?



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[Question ID = 11227]

1. 4 Triangles [Option ID = 44902]
2. 22 Balls [Option ID = 44903]
3. 2 Triangles and 10 Balls [Option ID = 44904]
4. 2 Squares and 12 Balls [Option ID = 44905]

Correct Answer :-

- 22 Balls [Option ID = 44903]

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