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Computer Based Examination System

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Title *	Question Paper Answer Key
OES Exam *	GPSC08202226 / Statistical Officer / Completed / 2023-04-01

1	Question Description For the two sets of data given below which of the following statements are true? Set A: 8,6,0,2,4 Set B: -6,0,2,-4,-2 (A) The arithmetic mean of Set A greater than arithmetic mean of Set B (B) The median of Set B less than median of Set A (C) The standard deviation of Set A greater than standard deviation of Set B (D) The Range of Set A greater than Range of Set B
A	C
B	D
C	C and D
D	A and B
E	None of the above
Correct Answer	D
Marks	1

2

Question Description	The customers in Hotel A have an average waiting time of 2.6 minutes and the customers in Hotel B have an average waiting time of 3.8 minutes. The average waiting time in both Hotels combined is 3 minutes. Which of the following statements are true?
A	There are more customers in Hotel A
B	The median waiting time of the customers is 3.2 minutes
C	The range of waiting time of the customers is 1.3 minutes
D	The median waiting time of the customer is 3.1 minutes
E	None of the above
Correct Answer	A
Marks	1

3

Question Description

If the equations of two regression lines are $X+2Y=5$ and $2X+3Y-8=0$ then the value of coefficient of correlation is

(A) $\frac{2}{3}$

(B) $-\frac{3}{2}$

(C) $\frac{2}{\sqrt{3}}$

(D) $-\frac{2}{\sqrt{3}}$

A

A

B

B

C

C

D

D

E

None of the above

Correct Answer

D

Marks

1

4	Question Description	If two variables X and Y are uncorrelated then the regression lines
	A	are perpendicular to each other
	B	coincide
	C	correlation coefficient is 0.5
	D	Are parallel horizontally to each other
	E	None of the above
	Correct Answer	A
	Marks	1

5	Question Description	If X is a discrete random variable taking positive integer values with memory less property, then X is a
	A	Binomial distribution
	B	Exponential distribution
	C	Geometric distribution
	D	Non negative Binomial distribution
	E	None of the above
	Correct Answer	C
	Marks	1

6	Question Description	The point of intersection of “Less than” and “ Greater than” Ogives corresponds to
	A	Mean
	B	Median
	C	Mode
	D	First Quartile
	E	None of the above
	Correct Answer	B
	Marks	1

7	Question Description	If 95% of the observations which are Normally distributed are between 1.2 and 1.6, then standard deviation of the distribution is
	A	0.01
	B	0.4
	C	0.1
	D	0.2
	E	None of the above
	Correct Answer	C
	Marks	1

8	Question Description	Median of a dataset is 22. Each observation in the data is increased by 3. Then value of new median value
	A	remains unchanged
	B	is more than 23
	C	is less than 25
	D	cannot conclude anything
	E	None of the above
	Correct Answer	B
	Marks	1

9	Question Description	If r is the coefficient of correlation between two variables X and Y then the coefficient of correlation between two variables $2X+1$ and $-2Y$ is
	A	r
	B	$-r$
	C	$r+1$
	D	$-r+1$
	E	None of the above
	Correct Answer	B
	Marks	1

10

Question Description

	Player A	Player B
Mean score	30	25
Standard deviation of score	6	5

From the table given which of the following statement is true?

A Player A is more consistent

B Player A is more consistent

C both players A and B are equally consistent

D Insufficient information to conclude

E None of the above

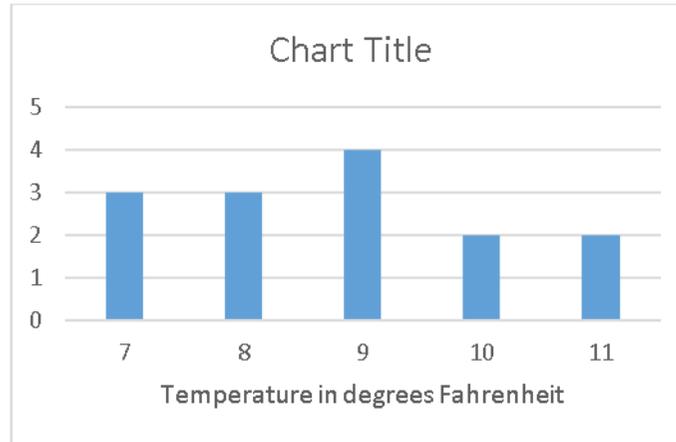
Correct Answer C

Marks 1

11

Question Description	The correlation coefficient between X and Y which are related by the equation $X+2Y-1=0$ is
A	1
B	-1
C	0
D	0.5
E	None of the above
Correct Answer	B
Marks	1

12

Question Description

The above bar graph displays the record of temperature (in degrees Fahrenheit) at each value from a sample. The average temperature reading is

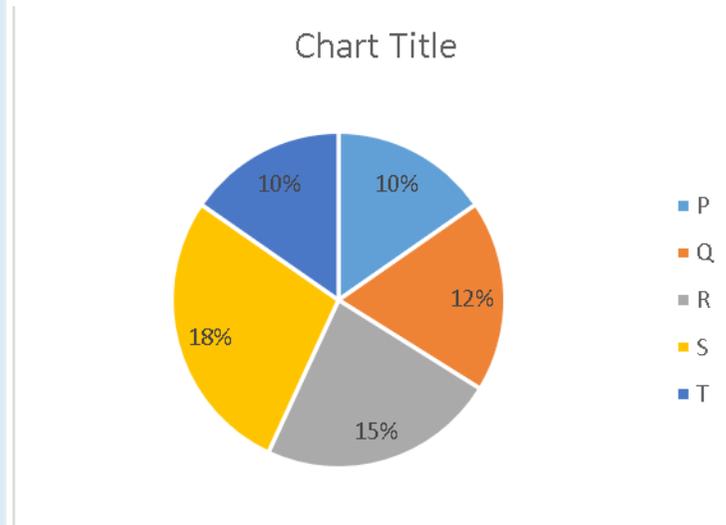
- | | |
|-----------------------|-------------------|
| A | 8.78 |
| B | 9 |
| C | 2.8 |
| D | 3.4 |
| E | None of the above |
| Correct Answer | A |
| Marks | 1 |

13	Question Description	Algebraic sum of the deviations of the dataset 0,1,1,2 from 1 is
	A	1
	B	1.5
	C	0
	D	1.25
	E	None of the above
	Correct Answer	C
	Marks	1

14

Question Description

The following Pie chart show the distribution of Students of graduate levels in five different Institutes $P, Q, R, S \wedge T$ in a state. The total number of students is 25000.



The number of students of Institutes $P \wedge S$ is

- A 7510
- B 7500
- C 7550
- D 7505
- E None of the above

Correct Answer B

Marks 1

15	Question Description	If Arithmetic means of two set of data are respectively 5 and 10 with 3 and 7 observations, then the mean of combined set is
	A	10
	B	15
	C	7.5
	D	8.5
	E	None of the above
	Correct Answer	D
	Marks	1

16	Question Description	If $\text{Variance}(X)=4$ then $\text{Variance}(2X-8)=$
	A	0
	B	8
	C	24
	D	16
	E	None of the above
	Correct Answer	D
	Marks	1

17

Question Description	Quartile deviation of 3, 7, 2, 0, 5, 8, 1 is
A	3
B	4
C	2
D	1
E	None of the above
Correct Answer	A
Marks	1

18

Question Description

Which of the following statement/s is/are true

(A) For any skewed set of data Median lies between Mean and Mode.

(B) In a symmetrical distribution first and third quartiles are equidistant from mean

(C) For any discrete distribution standard deviation is less than mean deviation from mean

(D) Mean, standard deviation and variance have the same unit of measurement of observations

A

C

B

D

C

C and D

D

A and B

E

None of the above

Correct Answer

D

Marks

1

19

Question Description

A vehicle, while driving from Panjim to Mapsa got 40km/litre and while returning on the same road, the vehicle got 48km/litre. Which of the following statement is true?

A

The vehicle's mileage for the entire trip, in kilometre/litre is less than 44

B

The vehicle's mileage for the entire trip, in kilometre/litre is more than 44

C

The vehicle's mileage for the entire trip, in kilometre/litre is equal to 44

D

The relationship cannot be determined from the information given

E

None of the above

Correct Answer

A

Marks

1

20

Question Description

A person travels two equal distances at a speed of x km/h and y km/h respectively. Then the average speed during the whole journey is

(A) $\frac{x+y}{2}$ (B) $\frac{xy}{x+y}$ (C) $\frac{2xy}{x+y}$ (D) $\frac{2xy}{2x+2y}$

A

A

B

B

C

C

D

D

E

None of the above

Correct Answer

C

Marks

1

21

Question Description	If the coefficient of correlation between two variables X and Y is 0.5, the covariance is 36 and the variance of X is 16 then the standard deviation of Y is
A	4.5
B	16
C	18
D	23
E	None of the above
Correct Answer	C
Marks	1

22

Question Description

The box plot shown below could be a representation of which of the following data set?

**A**

2, 2, 2, 2, 2

B

2, 35, 78

C

1, 12, 15, 17A

D

-3, 0, 3, 6

E

None of the above

Correct Answer

D

Marks

1

23

Question Description	First three test score of John are 71,80 and 78. If his score on the fourth test reduced his average test score to 70, his score on the fourth test is
A	50
B	61
C	60
D	51
E	None of the above
Correct Answer	D
Marks	1

24

Question Description

Geometric mean of 3 observations is 1 and 10 is the Geometric mean of 5 observations. Then Geometric mean of combined set of 8 observations is

(A) $\frac{3}{8}$

(B) $\frac{5}{8}$

(C) $\text{Antilog} \left(\frac{3}{8} \right)$

(D) $\text{Antilog} \left(\frac{5}{8} \right)$

A

A

B

B

C

C

D

D

E

None of the above

Correct Answer

D

Marks

1

25	Question Description	For a moderately asymmetrical distribution if mean and median are 4 and 3.3 respectively. Then value of Mode is
	A	5.4
	B	3.65
	C	1.4
	D	1.9
	E	None of the above
	Correct Answer	D
	Marks	1

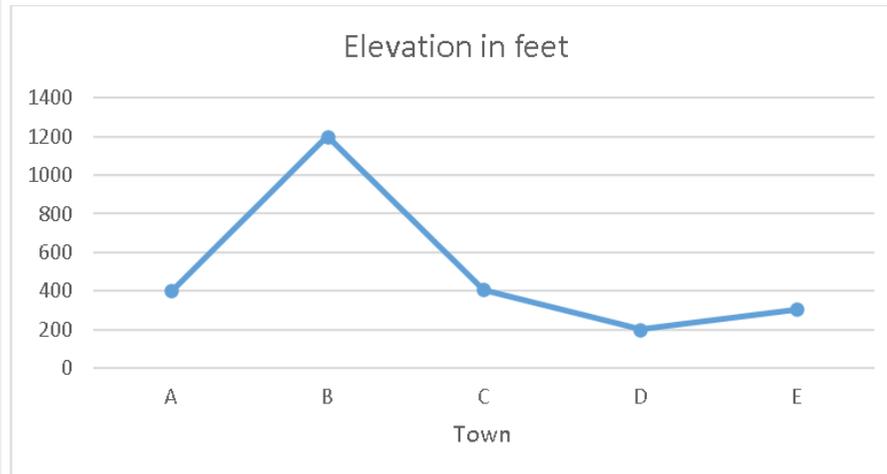
26	Question Description	If the arithmetic mean of n and 9 is equal to $3n$, what is the arithmetic mean of n and $\frac{7}{2}$?
	A	11
	B	4
	C	8
	D	14
	E	None of the above
	Correct Answer	C
	Marks	1

27	Question Description	The Polynomial of least degree interpolation of the data(0,4),(1,5),(2,8),(3,13) is
	A	4
	B	3
	C	2
	D	1
	E	None of the above
	Correct Answer	C
	Marks	1

28

Question Description

Which two towns have approximately the same elevation in feet above sea level?



A Town A and Town B

B Town B and Town D

C Town C and Town A

D Town C and Town E

E None of the above

29	Question Description	Two samples A and B have the same standard deviation but the mean of B is greater than that of A. Then the coefficient of variation of A is
	A	less than that of B
	B	greater than that of B
	C	equal to that of B
	D	Both A and C
	E	None of the above
	Correct Answer	B
	Marks	1

30	Question Description	The Arithmetic mean and Geometric mean of two observations are 127.5 and 60 respectively then the two numbers are
	A	240 and 15
	B	-240 and 15
	C	240 and -15
	D	-240 and -15
	E	None of the above
	Correct Answer	A
	Marks	1

31

Comprehension

Read the passage and answer the questions below:

We can break mountains apart; we can drain the rivers and flood the valleys. We can turn the most luxurious forests into throwaway paper products. We can tear apart the great grass cover of the western plains and pour toxic chemicals into the soil and pesticides onto the fields until the soil is dead and blown away in the wind. We can pollute air with acids, rivers with sewage, the sea with oil—all this with an intoxication with our power for devastation at an order of magnitude beyond all reckoning. We can invent computers capable of processing ten million calculations per second. And why? To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap.

Question Description

Identify a word or phrase from the options given below which implies “being overcome with”

A

reckoning

B

magnitude

C

intoxication

D

luxurious

E

None of the above

Correct Answer

C

Marks

1

Comprehension

Read the passage and answer the questions below:

We can break mountains apart; we can drain the rivers and flood the valleys. We can turn the most luxurious forests into throwaway paper products. We can tear apart the great grass cover of the western plains and pour toxic chemicals into the soil and pesticides onto the fields until the soil is dead and blown away in the wind. We can pollute air with acids, rivers with sewage, the sea with oil—all this with an intoxication with our power for devastation at an order of magnitude beyond all reckoning. We can invent computers capable of processing ten million calculations per second. And why? To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap.

Question Description

Identify from the options provided below, the expression used to convey the damage directly caused to nature and environment

A

devastation

B

waste heap

C

beyond all reckoning

D

junk pile

E

None of the above

Correct Answer

A

Marks

1

33

Comprehension

Read the passage and answer the questions below:

We can break mountains apart; we can drain the rivers and flood the valleys. We can turn the most luxurious forests into throwaway paper products. We can tear apart the great grass cover of the western plains and pour toxic chemicals into the soil and pesticides onto the fields until the soil is dead and blown away in the wind. We can pollute air with acids, rivers with sewage, the sea with oil—all this with an intoxication with our power for devastation at an order of magnitude beyond all reckoning. We can invent computers capable of processing ten million calculations per second. And why? To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap.

Question Description

“To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap”. This statement is an indictment of

A

superfast computers

B

insensitive consumerism

C

natural resources

D

junk pile or waste heap

E

None of the above

Correct Answer

B

Marks

1

34

Comprehension

Read the passage and answer the questions below:

We can break mountains apart; we can drain the rivers and flood the valleys. We can turn the most luxurious forests into throwaway paper products. We can tear apart the great grass cover of the western plains and pour toxic chemicals into the soil and pesticides onto the fields until the soil is dead and blown away in the wind. We can pollute air with acids, rivers with sewage, the sea with oil—all this with an intoxication with our power for devastation at an order of magnitude beyond all reckoning. We can invent computers capable of processing ten million calculations per second. And why? To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap.

Question Description

From the phrases listed below, select the one which is used in the passage in a non-destructive sense by itself

A

drain the rivers

B

break mountains

C

invent computers

D

flood the valleys

E

None of the above

Correct Answer

C

Marks

1

35

Comprehension

Read the passage and answer the questions below:

We can break mountains apart; we can drain the rivers and flood the valleys. We can turn the most luxurious forests into throwaway paper products. We can tear apart the great grass cover of the western plains and pour toxic chemicals into the soil and pesticides onto the fields until the soil is dead and blown away in the wind. We can pollute air with acids, rivers with sewage, the sea with oil—all this with an intoxication with our power for devastation at an order of magnitude beyond all reckoning. We can invent computers capable of processing ten million calculations per second. And why? To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap.

Question Description

Identify from the options given below, the one that indicates “harmful substances, used to protect food crops from destruction”

A

toxic chemicals

B

pesticides

C

sewage

D

acids

E

None of the above

Correct Answer

B

Marks

1

36

Comprehension

Read the passage and answer the questions below:

I remember the first time when I went to a swimming pool here in the United States. I grew up a great lover of swimming. The river that separated our village from the next served as our swimming pool, and my friends and I would eagerly await the monsoon season—it was great sport for us to swim all the way to the other bank, trying not to be pushed off course by the powerful flood current. You can understand my surprise, then, when I came to the pool and saw a young man floating in an inner tube, sipping a soft drink. I had expected rows of energetic Americans swimming lap after lap, but all I found was this chap drifting in the sun. As I spoke with him, it became clear that, this was his idea of putting a swimming pool to its best use. He was really under the impression that he was having a grand time.

Question Description

The narrator of this passage was surprised to find the young man was

A

floating in an inner tube in the pool

B

sipping a soft drink in the pool

C

all by himself in the pool

D

drifting in the sun

E

None of the above

Correct Answer

C

Marks

1

37

Comprehension

Read the passage and answer the questions below:

I remember the first time when I went to a swimming pool here in the United States. I grew up a great lover of swimming. The river that separated our village from the next served as our swimming pool, and my friends and I would eagerly await the monsoon season—it was great sport for us to swim all the way to the other bank, trying not to be pushed off course by the powerful flood current. You can understand my surprise, then, when I came to the pool and saw a young man floating in an inner tube, sipping a soft drink. I had expected rows of energetic Americans swimming lap after lap, but all I found was this chap drifting in the sun. As I spoke with him, it became clear that, this was his idea of putting a swimming pool to its best use. He was really under the impression that he was having a grand time.

Question Description

The monsoon season was much awaited because it provided:

- (i) a challenging flood current to the young swimmers of the village
- (ii) an adventure to swim to the opposite bank of the river

A

Statement (i) is true, but statement (ii) is false

B

Statement(i) is false but statement (ii) is true

C

both the above statements are true

D

neither of the above statements is true

E

None of the above

Correct Answer

C

Marks

1

Comprehension

Read the passage and answer the questions below:

I remember the first time when I went to a swimming pool here in the United States. I grew up a great lover of swimming. The river that separated our village from the next served as our swimming pool, and my friends and I would eagerly await the monsoon season—it was great sport for us to swim all the way to the other bank, trying not to be pushed off course by the powerful flood current. You can understand my surprise, then, when I came to the pool and saw a young man floating in an inner tube, sipping a soft drink. I had expected rows of energetic Americans swimming lap after lap, but all I found was this chap drifting in the sun. As I spoke with him, it became clear that, this was his idea of putting a swimming pool to its best use. He was really under the impression that he was having a grand time.

Question Description

The passage implies that the narrator felt that

A

it was the best use of a swimming pool

B

the young man was having a great time

C

his expectations of the pool were fulfilled

D

his expectations of the pool were belied

E

None of the above

Correct Answer

D

Marks

1

39

Comprehension

Read the passage and answer the questions below:

I remember the first time when I went to a swimming pool here in the United States. I grew up a great lover of swimming. The river that separated our village from the next served as our swimming pool, and my friends and I would eagerly await the monsoon season—it was great sport for us to swim all the way to the other bank, trying not to be pushed off course by the powerful flood current. You can understand my surprise, then, when I came to the pool and saw a young man floating in an inner tube, sipping a soft drink. I had expected rows of energetic Americans swimming lap after lap, but all I found was this chap drifting in the sun. As I spoke with him, it became clear that, this was his idea of putting a swimming pool to its best use. He was really under the impression that he was having a grand time.

Question Description

The passage mentions two issues: (i) the young man's idea of using the pool; and, (ii) his idea of having a grand time. From the tone and tenor of the passage, it is clear that the narrator agrees with

A

both (i) and (ii)

B

neither (i) nor (ii)

C

only (i); but disagrees with (ii)

D

only (ii); but disagrees with (i)

E

None of the above

Correct Answer

B

Marks

1

Comprehension

Read the passage and answer the questions below:

I remember the first time when I went to a swimming pool here in the United States. I grew up a great lover of swimming. The river that separated our village from the next served as our swimming pool, and my friends and I would eagerly await the monsoon season—it was great sport for us to swim all the way to the other bank, trying not to be pushed off course by the powerful flood current. You can understand my surprise, then, when I came to the pool and saw a young man floating in an inner tube, sipping a soft drink. I had expected rows of energetic Americans swimming lap after lap, but all I found was this chap drifting in the sun. As I spoke with him, it became clear that, this was his idea of putting a swimming pool to its best use. He was really under the impression that he was having a grand time.

Question Description

In the context of the phrase “having a grand time”, the following option comes closest as a suitable synonym for “grand”

A

enjoyable and good

B

illustrious and glorious

C

heroic and august

D

gallant and imperial

E

None of the above

Correct Answer

A

Marks

1

41	Question Description	How many Lok Sabha seats belong to Rajasthan?
	A	32
	B	25
	C	30
	D	17
	E	None of the above
	Correct Answer	B
	Marks	1

42	Question Description	On which date is World Anthropology Day observed every year?
	A	February 16
	B	February 12
	C	February 14
	D	February 10
	E	None of the above
	Correct Answer	A
	Marks	1

43	Question Description	Ms. Medha Patkar is closely associated with the
	A	Tehri project
	B	Enron project
	C	Sardar Sarovar project
	D	Dabhol project
	E	None of the above
	Correct Answer	C
	Marks	1

44	Question Description	What is the country of origin for ULTRASAT, the first telescope mission?
	A	Iran
	B	Iraq
	C	Israel
	D	India
	E	None of the above
	Correct Answer	C
	Marks	1

45	Question Description	Which countries lead the International Biofuels Alliance?
	A	India, Brazil, and the United States
	B	India, Germany, and France
	C	Brazil, UAE, Nepal
	D	USA, Bhutan, India
	E	None of the above
	Correct Answer	A
	Marks	1

46	Question Description	Where is India's first Geological Park going to be built?
	A	Bhopal
	B	Shivpuri
	C	Sagar
	D	Jabalpur
	E	None of the above
	Correct Answer	D
	Marks	1

47	Question Description	Which state defeated Maharashtra to win the Senior Women's 13th National Hockey Championship 2023?
	A	Uttar Pradesh
	B	Madhya Pradesh
	C	Himachal Pradesh
	D	Arunachal Pradesh
	E	None of the above
	Correct Answer	B
	Marks	1

48	Question Description	With the help of ISRO, in which city of Bhutan was the ground station of the India-Bhutan satellite established?
	A	Paro
	B	Punakha
	C	Thimphu
	D	Jakar
	E	None of the above
	Correct Answer	C
	Marks	1

49 **Question Description** When is World Unani Day observed every year?

A February 10

B February 11

C February 05

D February 08

E None of the above

Correct Answer B

Marks 1

50 **Question Description** On which state highway was the world's first bamboo crash barrier installed?

A Rajasthan

B Assam

C Maharashtra

D Gujarat

E None of the above

Correct Answer C

Marks 1

51

Question Description	Arrange the vowels and consonants of the word ACCOMPLISHMENT in a alpha order separately, the vowel first and then the consonants. If the first, the second and the third vowel so arranged, correspond to the first three, the next and the next three consonants so arranged respectively. E corresponds to which consonants?
A	LMM
B	HLM
C	MMN
D	MNP
E	None of the above
Correct Answer	A
Marks	1

52

Question Description

Direction: In each of the following question, there is a certain relationship between two given pair on both side of '::' . One part is given on another side of '::' while another part is to be found from the given options, having the same relation with this part as the parts of the given pair . Choose the correct part from the following options.

.

 $91 : ? :: 64 : 54$

A

63

B

101

C

32

D

70

E

None of the above

Correct Answer

A

Marks

1

53

Question Description	The office supply store offers pens in two different boxes: one containing 6 pens and the other containing 12 pens. If Maria orders 28 boxes for a total of 204 pens, how many boxes of 12 pens are in the order?
A	6
B	8
C	10
D	12
E	None of the above
Correct Answer	A
Marks	1

54

Question Description

Directions: Read the following information carefully and answer the questions given beside.

Certain number of persons (that does not exceed 15) are standing in a straight linear row facing towards the north. 5 persons stand between B and E, who is third to the left of A. U is to the right of A. Not more than 3 persons stand between U and T. B is third to the left of U. I is fifth to the right of T. 2 persons stand between E and F, who is sitting at the extreme left end of the row.. Three persons stand between A and L, who is towards the right of E.

What is the position of E with respect to L?

A 4th to the left

B 7th to the left

C 6th to the right

D 5th to the left

E None of the above

Correct Answer B

Marks 1

55

Question Description

Find missing numbers?

36	6	9	15
88	11	9	?
120	?	6	18

A

54,41

B

17,82

C

17,10

D

96,13

E

None of the above

Correct Answer

C

Marks

1

Question Description

Directions : Each of the following consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

A teacher wrote a meaningful English word on the black-board. Find the exactly middle letter of the 5 letter word?

Statement I : The first and last letter of the word is 'E'. The second and fourth letters of the word are consecutive letters in English alphabet series. R is adjacent to A.

Statement II : The first and last vowel is same. Only one letter is placed between A and E. S is written after R. The vowels are placed at odd numbered positions.

A

If the data in statement I is sufficient to answer the question

B

If the data in statement II is sufficient to answer the question.

C

If the data in either statement I or statement II is sufficient to answer the question.

D

If the data in both statement I and statement II is necessary to answer the question.

E

None of the above

Correct Answer

C

Marks

1

57

Question Description

At what angle the hands of a clock are inclined at 15 minutes past 5?

A. $58 \frac{1}{2}$

B. 64°

C. $67 \frac{1}{2}$

D. $72 \frac{1}{2}$

A

A

B

B

C

C

D

D

E

None of the above

Correct Answer

C

Marks

1

58

Question Description

Directions: Read the following information carefully and answer the questions given beside.

G is the mother of F, who is the spouse of D. M is the daughter of D, who is the only brother of C. E is the son of G, who is married to H. A is the niece of C, who has no sister and is unmarried. T is the father of D and has no daughter. V is the sister-in-law of F. G has only two children. M is the granddaughter of O.

How is F's mother-in-law related to T?

A

Sister

B

Father

C

Wife

D

Brother

E

None of the above

Correct Answer

C

Marks

1

59

Question Description

Directions: Study the following questions carefully and choose the right answer:

Statement :

The next meeting of the Governing Board of the Institute will be held after one year.

Assumptions :

I. The Institute will remain in function after one year.

II. The Governing Board will be dissolved after one year.

A

if only assumption I is implicit

B

if only assumption II is implicit

C

if either I or II is implicit

D

if neither I nor II is implicit

E

None of the above

Correct Answer

A

Marks

1

60

Question Description

A boat covers a certain distance downstream in 1 hour, while it comes back in $1\frac{1}{2}$ hours. If the speed of the stream be 3 kmph, what is the speed of the boat in still water?

A

12 kmph

B

13 kmph

C

14 kmph

D

15 kmph

E

None of the above

Correct Answer

D

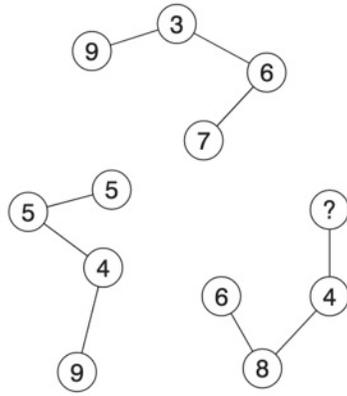
Marks

1

61

Question Description

What number should replace the question mark?



A 8

B 4

C 2

D 1

E None of the above

Correct Answer A

Marks 1

62

Question Description

Direction: In each of the following question, there is a certain relationship between two given pair on both side of ':' . One word is given on another side of ':' while another word is to be found from the given options, having the same relation with this word as the words of the given pair . Choose the correct word from the following options..

SHI : RIJ :: QJK : ?

A

TDE

B

PKL

C

UGH

D

VPQ

E

None of the above

Correct Answer

B

Marks

1

63

Question Description

January 1, 2007 was Monday. What day of the week lies on Jan. 1, 2008?

A

Monday

B

Tuesday

C

Wednesday

D

Sunday

E

None of the above

Correct Answer

B

Marks

1

64

Question Description

Direction: In each of the following question, there is a certain relationship between two given pair on both side of '::' . One word is given on another side of '::' while another word is to be found from the given options, having the same relation with this word as the words of the given pair . Choose the correct word from the following options.

pongee : Silk : : Shallot : ?

A

Boat

B

Building

C

Ship

D

Stream

E

None of the above

Correct Answer

A

Marks

1

65

Question Description

Study the following questions carefully and choose the right answer:

Statement: The availability of imported fruits has increased in the indigenous market and so the demand for indigenous fruits has been decreased.

Courses of action:

I. To help the indigenous producers of fruits, the Government should impose high import duty on these fruits, even if these are not of good quality.

II. The fruit vendors should stop selling imported fruits so that the demand for indigenous fruits would be increased.

A Only I follows

B Only II follows

C Either I or II follows

D Neither I nor II follows

E None of the above

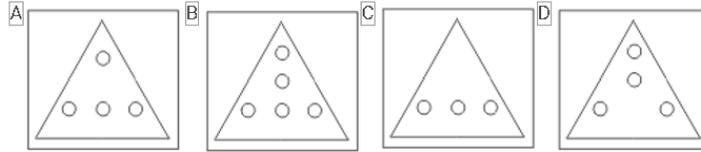
Correct Answer D

Marks 1

66

Question Description

In the question, A triangular piece of paper is folded and punched as shown below. From the given responses indicate how it will appear when opened.



A

A

B

B

C

C

D

D

E

None of the above

Correct Answer

A

Marks

1

67

Question Description

Which Answer Figure will complete the pattern in the figure?



A

A

B

B

C

C

D

D

E

None of the above

Correct Answer

A

Marks

1

68

Question Description

Directions: Read the following information carefully and answer the questions given beside.

In a city, SRK Mall was to the north-west of Cosmos Mall. Shanti Mall was in the east of SRK Mall which was towards the south of TDI Mall. Saket Mall was towards the south-west of Shanti Mall such that it was situated towards the east of Cosmos Mall. DB Mall was 20 km towards the north of Cosmos Mall, which was 4 times the distance between Cosmos Mall and Saket Mall. Rajan Mall was the mid point between SRK Mall and Shanti Mall and also Cosmos Mall and DB Mall. The distance between TDI Mall and SRK Mall was half of the distance between DB Mall and Rajan Mall.

If the straight distance between the SRK Mall and the Shanti Mall is 14 km, what total distance one needs to cover if one travels from SRK Mall to Saket Mall via Rajan Mall and Cosmos Mall?

A 16km

B 20km

C 21km

D 22km

E None of the above

Correct Answer D

Marks 1

69

Question Description

Choose the pair that best represents a similar relationship to the one expressed in the original pair of words.
DELTOID : MUSCLE

A

radius : bone

B

brain : nerve

C

tissue : organ

D

blood : vein

E

None of the above

Correct Answer

A

Marks

1

70

Question Description

Directions: Read the following information carefully and answer the questions given beside.

In a certain code language “hunger and poverty remain” is coded as “ner gup jil mub”, “people count poverty records” is coded as “abc gup xyz def” , “count remain unchanged records” is coded as “buf ner def xyz”, “people and poverty rate” is coded as “abc mub for gup”.

What is the code for "poverty unchanged"?

A buf jil

B buf ner

C ner gup

D gup buf

E None of the above

Correct Answer D

Marks 1

71

Question Description	How many such pairs of letters are there in the word EXECUTION, each of which has as many letters between them in the word as they have between them in the English alphabet?
A	One
B	Two
C	Three
D	More than Three
E	None of the above
Correct Answer	D
Marks	1

Question Description

Each of the questions given below consists of a question followed by three statements. You have to study the question and the statements and decide which of the statement(s) is/are necessary to answer the question.

At what time will the train reach city X from city Y?

I. The train crosses another train of equal length of 200 metres and running in opposite directions in 15 seconds.

II. The train leaves city Y at 7.15 a.m. for city X situated at a distance of 558 km.

III. The 200 metres long train crosses a signal pole in 10 seconds.

A

I only

B

II only

C

III only

D

II and III only

E

None of the above

Correct Answer

D

Marks

1

73

Question Description

Directions: Read the following alphanumeric series carefully and answer the questions given beside.

8 H P & 6 R 4 % X \$ U 3 O # B A ! 2 L C ? 5 E S 7 @ D

Step 1 : If a letter is immediately followed by a symbol but not immediately preceded by another letter then arrange them in alphabetical order between ! and 2.

Step 2 : If a number is immediately preceded by a letter and immediately followed by a symbol, then arrange them in ascending order between E and S.

Note: Step 2 is performed after completion of step 1.

If all the composite numbers are dropped from the series then which of the following is seventh element from left end in the series after step 1?

A

\$

B

%

C

#

D

U

E

None of the above

Correct Answer

D

Marks

1

Question Description

Directions: In each question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows/follow from the given statements, disregarding commonly known facts.

Statements:

A few Ostriches are Peacocks.

All Peacocks are Swans.

Some Swans are Ducks.

Conclusions:

I. A few Swans are Ostriches.

II. Some Ducks are Peacocks.

A

If only conclusion I follow

B

If only conclusion II follow

C

If neither conclusion I nor conclusion II follows

D

If both the conclusions follow

E

None of the above

Correct Answer

A

Marks

1

Question Description	<p>Directions: A word arrangement machine when given an input line of words rearranges them following a particular logic at each step.</p> <p>Input : Letters Received Box Post Office</p> <p>Step I: Received Letters Box Post Office</p> <p>Step II: Received Letters Office Box Post</p> <p>Step III: Received Letters Office Post Box</p> <p>Step IV: Box Received Letters Office Post</p> <p>Step V : Box Letters Received Office Post</p> <p>Step VI: Box Letters Office Received Post</p> <p>Step VII: Box Letters Office Post Received</p> <p>Step VII is the last step and the final output as well.</p> <p>You have to find out the final output and the different steps of rearrangement for the following input.</p> <p>Input: Online Recharge Website Pay Less</p> <p>Which of the following is the final step of the output?</p>
A	Recharge Website Online Less Pay
B	Less Online Recharge Website Pay
C	Recharge Online Website Pay Less
D	Less Online Pay Recharge Website
E	None of the above
Correct Answer	D
Marks	1

