

Computer Based Examination System

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Title *	Question Paper Answer Key
OES Exam *	GPSC12202107 / Scientific Assistant in Forensic Science Laboratory in Toxicology, Chemistry and Narcotics/ Completed / 2022-06-26

1	Question Description	1-Butene and cyclobutane show
	A	position isomerism
	B	ring-chain isomerism
	C	functional isomerism
	D	metamerism
	E	None of the above
	Correct Answer	A
	Marks	1

2	Question Description	Which part of the Microscope focuses the light on the object?
	A	Body tube,
	B	Abbe's condenser
	C	Iris diaphragm
	D	Coarse focus
	E	None of the above
	Correct Answer	B
	Marks	1

3	Question Description	ATR technique is used in-
	A	PTLC analysis
	B	FTIR analysis
	C	GC analysis
	D	AAS analysis
	E	None of the above
	Correct Answer	B
	Marks	1

4	Question Description	Mixture of Potassium Nitrate, Sulphur and charcoal in the ratio of 75:15:10 is called
	A	Smokeless powder
	B	Propellent
	C	Gunpowder
	D	Pyrotechnics
	E	None of the above
	Correct Answer	C
	Marks	1

5	Question Description	An explosion in which the speed of burning is lower speed of sound in the surroundings is called...
	A	Detonation
	B	Deflagration
	C	Sub sonic explosion
	D	Sub sonic detonation
	E	None of the above
	Correct Answer	B
	Marks	1

6	Question Description	Which of the following is a type of organophosphorus pesticide?
	A	BHC
	B	DDT
	C	Parathion
	D	Endosulfan
	E	None of the above
	Correct Answer	C
	Marks	1

7	Question Description	Proof spirit is a mixture of alcohol and water, with combination of...
	A	30% alcohol by volume
	B	37% alcohol by volume
	C	47% alcohol by volume
	D	57% alcohol by volume
	E	None of the above
	Correct Answer	D
	Marks	1

8	Question Description	According to Huckel molecular orbital theory aromatic compounds should have π electrons
	A	$2n+4$
	B	$4n+2$
	C	$3n+1$
	D	$2n+3$
	E	None of the above
	Correct Answer	B
	Marks	1

9	Question Description	A group of Nitrogenous organic bases-
	A	Tranquillizer
	B	Stimulant
	C	Sedative
	D	Alkaloid
	E	None of the above
	Correct Answer	D
	Marks	1

10	Question Description	The most toxic vegetable poison is ...
	A	Nicotine
	B	Dhatura
	C	Corriander
	D	AbrusPrecatorius
	E	None of the above
	Correct Answer	A
	Marks	1

11	Question Description	Kozelka-Hine method is used for quantification of which type of poison from blood and urine samples of victim?
	A	Opium alkaloids
	B	Ethyl alcohol
	C	Cocaine and its metabolites
	D	Anabolic steroids
	E	None of the above
	Correct Answer	B
	Marks	1

12	Question Description	α , β Unsaturated carbonyl compounds undergo a ring closure reaction with conjugated dienes, this is known as
	A	Hofmann reaction
	B	Sand mayer reaction
	C	Diels Alder reaction
	D	Perkin reaction
	E	None of the above
	Correct Answer	C
	Marks	1

13	Question Description	The time taken for a metabolite losing half-life of its pharmacologic activity is called...
	A	Biological shelf life
	B	Biological half life
	C	Radioactive life
	D	Pharmacokinetics
	E	None of the above
	Correct Answer	B
	Marks	1

14	Question Description	The Argemone oil is adulterated in mustard oil, which causes the disease Epidemic dropsy. What is the toxic constituent of the argemone oil?
	A	Morphine
	B	Tetra hydrocannabinol (THC)
	C	Ricinine
	D	Sanguinarine
	E	None of the above
	Correct Answer	D
	Marks	1

15	Question Description	Botulism is caused by...
	A	Bacteria
	B	Fungi
	C	Virus
	D	Algae
	E	None of the above
	Correct Answer	A
	Marks	1

16	Question Description	Most abundant and active constituent of marijuana is
	A	Delta-9 THC
	B	Delta-6 THC
	C	Delta-8 THC
	D	Delta-4 THC
	E	None of the above
	Correct Answer	A
	Marks	1

17	Question Description	Atomic masses of elements are usually fractional because...
	A	These are mixture of isotopes
	B	They contain impurities of other atoms
	C	They are mixture of isobars
	D	Atomic masses cannot be weighed accurately
	E	None of the above
	Correct Answer	A
	Marks	1

18	Question Description	Iodoform test is given by...
	A	Methanol
	B	Ethanol
	C	Formaldehyde
	D	Acetaldehyde
	E	None of the above
	Correct Answer	B
	Marks	1

19	Question Description	Which of the following is an isomer of Ethanol?
	A	Methanol
	B	Acetone
	C	Diethylether
	D	Dimethylether
	E	None of the above
	Correct Answer	D
	Marks	1

20	Question Description	A compound is Raman active if it has permanent.....
	A	Dipole moment
	B	Polarizability
	C	Quadrupole moment
	D	Electric field
	E	None of the above
	Correct Answer	B
	Marks	1

21	Question Description	The most commonly used chemical for the formation of disc (pellet) for recording of IR spectra is ...
	A	CsCl ₂
	B	NaCl
	C	KBr
	D	AgBr
	E	None of the above
	Correct Answer	C
	Marks	1

22	Question Description	Aphenathrene alkaloid is ...
	A	Morphine
	B	Cocaine
	C	LSD
	D	Reserpine
	E	None of the above
	Correct Answer	A
	Marks	1

23	Question Description	In assignment of E & Z configuration in case of geometrical isomers, E & Z stands for...
	A	Enantiomers & Zeisomers
	B	Entagagan&Zussamann
	C	Etiomers&Zedimer
	D	Epimer & Zipimer.
	E	None of the above
	Correct Answer	B
	Marks	1

24

Question Description	Absorbance is related to transmittance according which of the following equation...
A	$A = -\log T$
B	$A = \log T$
C	$A = e^T$
D	$T = a \log A$
E	None of the above
Correct Answer	A
Marks	1

25

Question Description

What will the Correct name of the following organic compound?

 $\text{CH}_3 - \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{CH}_3$ is

||

 $\text{CH}_2\text{CH}_3 \text{CH}_3$ **A**

3-ethyl-5-methylheptane

B

5-ethyl-3-methylheptane

C

1,1-diethyl-3-methylpentane

D

3-methyl-5, 5-diethylpentane

E

None of the above

Correct Answer

A

Marks

1

26	Question Description	Phosphorescence is spectral transition
	A	Spin allowed
	B	Spin forbidden
	C	Both a & b
	D	Neither a nor b
	E	None of the above
	Correct Answer	B
	Marks	1

27	Question Description	A measure of reproducibility of a test Result-
	A	Accuracy
	B	Precision
	C	Variability
	D	Proficiency
	E	None of the above
	Correct Answer	B
	Marks	1

28	Question Description	How many moles will be there in 9grams of water?
	A	1
	B	$\frac{1}{2}$
	C	2
	D	20
	E	None of the above
	Correct Answer	B
	Marks	1

29	Question Description	What is the definition of LD ₅₀ ?
	A	The amount of material given all at ones, which causes the Disease in of 50 % of group of test animals
	B	The amount of material given in small doses which causes the death of 50 % of group of test animals
	C	The amount of a material, given all at once, which causes the death of 50% (onehalf)of a group of test animals
	D	The amount of material given in small doses which causes the Poisoning of 50% of group of test animals
	E	None of the above
	Correct Answer	C
	Marks	1

30

Question Description	Determining the response of some analytical method to known amount of pure analyte is-
A	Calibration
B	Titration
C	Precipitation
D	Certification
E	None of the above
Correct Answer	A
Marks	1

31

Comprehension

Read the passage and answer the following questions

Of all areas of learning the most important is the development of attitudes. Emotional reactions as well as logical thoughts process affect the behaviour of most people. The burnt child fears the fire” is one instance, another is the rise of despots like Hitler. Both these examples also point out the fact that attitudes stem from experiences. In the one case, it was direct and impressive, in the other it was indirect and cumulative. The Nazis were indoctrinated largely by the speeches they heard and the books they read. The class-room teacher in the elementary school is in a strategic position to influence attitudes.

Question Description

Identify from the options given below, a word or phrase that is a synonym of the term ‘cumulative’ in the sense it is used in the passage

A

unimpressive

B

immediate

C

snowballing

D

delayed

E

None of the above

Correct Answer

C

Marks

1

Comprehension

Read the passage and answer the following questions

Of all areas of learning the most important is the development of attitudes. Emotional reactions as well as logical thoughts process affect the behaviour of most people. The burnt child fears the fire” is one instance, another is the rise of despots like Hitler. Both these examples also point out the fact that attitudes stem from experiences. In the one case, it was direct and impressive, in the other it was indirect and cumulative. The Nazis were indoctrinated largely by the speeches they heard and the books they read. The class-room teacher in the elementary school is in a strategic position to influence attitudes.

Question Description

From the passage it appears that the term ‘attitudes’ means ----

A

fear of the burnt child

B

experiences of most people

C

emotional responses and logical thinking

D

thinking, feeling and behaviour

E

None of the above

Correct Answer

D

Marks

1

33

Comprehension

Read the passage and answer the following questions

Of all areas of learning the most important is the development of attitudes. Emotional reactions as well as logical thoughts process affect the behaviour of most people. The burnt child fears the fire” is one instance, another is the rise of despots like Hitler. Both these examples also point out the fact that attitudes stem from experiences. In the one case, it was direct and impressive, in the other it was indirect and cumulative. The Nazis were indoctrinated largely by the speeches they heard and the books they read. The class-room teacher in the elementary school is in a strategic position to influence attitudes.

Question Description

Identify from the options given below, the word or phrase that is markedly antonymous of ‘despot’

A

tyrant

B

monarch

C

democrat

D

autocrat

E

None of the above

Correct Answer

C

Marks

1

34

Comprehension

Read the passage and answer the following questions

Of all areas of learning the most important is the development of attitudes. Emotional reactions as well as logical thoughts process affect the behaviour of most people. The burnt child fears the fire” is one instance, another is the rise of despots like Hitler. Both these examples also point out the fact that attitudes stem from experiences. In the one case, it was direct and impressive, in the other it was indirect and cumulative. The Nazis were indoctrinated largely by the speeches they heard and the books they read. The class-room teacher in the elementary school is in a strategic position to influence attitudes.

Question Description

As per the passage, “The classroom teacher is in a strategic position to influence attitudes” because

A

Attitudes are shaped by speeches heard and books read

B

A teacher can shape attitudes through direct and indirect ways

C

Of all areas of learning developing attitudes is most important.

D

A teacher has direct as well as indirect access to the students

E

None of the above

Correct Answer

B

Marks

1

35

Comprehension

Read the passage and answer the following questions

Of all areas of learning the most important is the development of attitudes. Emotional reactions as well as logical thoughts process affect the behaviour of most people. The burnt child fears the fire” is one instance, another is the rise of despots like Hitler. Both these examples also point out the fact that attitudes stem from experiences. In the one case, it was direct and impressive, in the other it was indirect and cumulative. The Nazis were indoctrinated largely by the speeches they heard and the books they read. The class-room teacher in the elementary school is in a strategic position to influence attitudes.

Question Description

Attitudes of most people can be gauged by

A

their behaviour

B

past experiences

C

logical thought process

D

emotional responses

E

None of the above

Correct Answer

A

Marks

1

Comprehension

Read the passage and answer the following question:

A broad range of decisions, situations and problems may be encountered in the real estate field. An illustrative one is the question of whether to buy or lease. In some cases, of course, there may be no real choice. A company may have special requirements that make leasing difficult. Or they may be such a shortage of capital that owning is out of the question. But often such restrictions do not apply. Some managers may prefer to develop policies to guide decisions as to ownership or leasing of real property. The experiences of some businessmen bias them in favour of ownership. For example, a manager who has lost a desirable location through the expiration of a lease is likely to establish the policy that ownership is to be preferred in all but the most favourable lease situation. The company which uses its location extensively in advertising and public relation efforts is apt to favour ownership very strongly against leasing.

Question Description

Select a word or phrase from the passage which is not necessarily confined to 'real estate'

A

capital

B

real property

C

leasing

D

ownership

E

None of the above

Correct Answer

A

Marks

1

37

Comprehension

Read the passage and answer the following question:

A broad range of decisions, situations and problems may be encountered in the real estate field. An illustrative one is the question of whether to buy or lease. In some cases, of course, there may be no real choice. A company may have special requirements that make leasing difficult. Or they may be such a shortage of capital that owning is out of the question. But often such restrictions do not apply. Some managers may prefer to develop policies to guide decisions as to ownership or leasing of real property. The experiences of some businessmen bias them in favour of ownership. For example, a manager who has lost a desirable location through the expiration of a lease is likely to establish the policy that ownership is to be preferred in all but the most favourable lease situation. The company which uses its location extensively in advertising and public relation efforts is apt to favour ownership very strongly against leasing.

Question Description

From the options given below, select the one which is obviously used in the passage with more than one meaning

A

leasing

B

real

C

capital

D

policy

E

None of the above

Correct Answer

B

Marks

1

38

Comprehension

Read the passage and answer the following question:

A broad range of decisions, situations and problems may be encountered in the real estate field. An illustrative one is the question of whether to buy or lease. In some cases, of course, there may be no real choice. A company may have special requirements that make leasing difficult. Or they may be such a shortage of capital that owning is out of the question. But often such restrictions do not apply. Some managers may prefer to develop policies to guide decisions as to ownership or leasing of real property. The experiences of some businessmen bias them in favour of ownership. For example, a manager who has lost a desirable location through the expiration of a lease is likely to establish the policy that ownership is to be preferred in all but the most favourable lease situation. The company which uses its location extensively in advertising and public relation efforts is apt to favour ownership very strongly against leasing.

Question Description

As per the passage, a major problem encountered with regard to real estate is

A

to make a wide range of decisions

B

having no real choice

C

the choice of whether to buy or lease

D

shortage of capital

E

None of the above

Correct Answer

C

Marks

1

39

Comprehension

Read the passage and answer the following question:

A broad range of decisions, situations and problems may be encountered in the real estate field. An illustrative one is the question of whether to buy or lease. In some cases, of course, there may be no real choice. A company may have special requirements that make leasing difficult. Or they may be such a shortage of capital that owning is out of the question. But often such restrictions do not apply. Some managers may prefer to develop policies to guide decisions as to ownership or leasing of real property. The experiences of some businessmen bias them in favour of ownership. For example, a manager who has lost a desirable location through the expiration of a lease is likely to establish the policy that ownership is to be preferred in all but the most favourable lease situation. The company which uses its location extensively in advertising and public relation efforts is apt to favour ownership very strongly against leasing.

Question Description

Ownership may not be preferred by a company that

A

makes extensive use of location

B

has shortage of capital

C

has requirements that make leasing difficult

D

has lost a location due to expiry of lease

E

None of the above

Correct Answer

B

Marks

1

40

Comprehension

Read the passage and answer the following question:

A broad range of decisions, situations and problems may be encountered in the real estate field. An illustrative one is the question of whether to buy or lease. In some cases, of course, there may be no real choice. A company may have special requirements that make leasing difficult. Or they may be such a shortage of capital that owning is out of the question. But often such restrictions do not apply. Some managers may prefer to develop policies to guide decisions as to ownership or leasing of real property. The experiences of some businessmen bias them in favour of ownership. For example, a manager who has lost a desirable location through the expiration of a lease is likely to establish the policy that ownership is to be preferred in all but the most favourable lease situation. The company which uses its location extensively in advertising and public relation efforts is apt to favour ownership very strongly against leasing.

Question Description

As per the passage, the decision with regard to owning property is often based on

A

the policies of managers

B

the foresight of managers

C

the restrictions on the company

D

the experiences of losing leased property

E

None of the above

Correct Answer

D

Marks

1

41	Question Description	Which city is called 'White City' of Rajasthan?
	A	Bihar
	B	Jaipur
	C	Udaipur
	D	Jodhpur
	E	None of the above
	Correct Answer	C
	Marks	1
42	Question Description	The 'Cannes Award' is given for excellence in which field?
	A	Films
	B	Journalism
	C	Literature
	D	Economics
	E	None of the above
	Correct Answer	A
	Marks	1

43	Question Description	Which year has Google Lens launched on the desktop through Google Chrome?
	A	2022
	B	2020
	C	2021
	D	2019
	E	None of the above
	Correct Answer	C
	Marks	1

44	Question Description	National Maritime Day of India falls on
	A	April 5
	B	June 5
	C	October 5
	D	September 5
	E	None of the above
	Correct Answer	A
	Marks	1

45	Question Description	Who has inaugurated North India's first Industrial Biotech Park at Kathua in J&K?
	A	Narendra Modi
	B	Manoj Sinha
	C	Jitendra Singh
	D	Rajnath Singh
	E	None of the above
	Correct Answer	C
	Marks	1

46	Question Description	Decibel is the unit for
	A	speed of light
	B	radio wave frequency
	C	intensity of sound
	D	intensity of heat
	E	None of the above
	Correct Answer	C
	Marks	1

47	Question Description	Central Arid Zone Research Institute is located in
	A	Bihar
	B	Gujarat
	C	Rajasthan
	D	Madhya Pradesh
	E	None of the above
	Correct Answer	C
	Marks	1
48	Question Description	Tripitakas are sacred books of
	A	Buddhists
	B	Hindus
	C	Jains
	D	Christianity
	E	None of the above
	Correct Answer	A
	Marks	1

49

Question Description What is the theme of World Oceans Day 2022?**A** Innovation for a Sustainable Ocean**B** Ocean: Life and livelihoods**C** Gender and the Ocean**D** Revitalisation: Collective Action for the Ocean**E** None of the above**Correct Answer** D**Marks** 1

50

Question Description What is the theme of the 'World Environment Day 2022'?**A** 50th Environment Day**B** Only One Earth**C** Live with the Nature**D** Invest in our Planet**E** None of the above**Correct Answer** B**Marks** 1

51

Question Description

Select the missing number from the given alternatives:

5	3	6
7	20	?
9	21	17
38	?	47

A 43,32**B** 55,65**C** 43,48**D** 43,55**E** None of the above**Correct Answer** D**Marks** 1

52

Question Description	7, 9, 12, 48, ?, 890
A	128
B	190
C	172
D	168
E	None of the above
Correct Answer	C
Marks	1

53

Question Description

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

In a certain code language,

'Reach Is For Stars' is written as 'surdmolp'

'Nothing Is Out Of Reach' is written as 'ka su hu lkpl'

'For Love Of Life' is written as 'lkmo go ma'

'Nothing Like Life Is' is written as 'lp go hu ne'

Which of the following is the code for 'Love Like Stars' in the given code language?

A

ma go lp

B

lkrd ne

C

ne sumo

D

rd ne ma

E

None of the above

Correct Answer

D

Marks

1

54

Question Description

Find the missing numbers

5	4	3	?	23
6	2	5	4	38
12	3	4	1	?

A

2 and 51

B

4 and 40

C

2 and 10

D

8 and 25

E

None of the above

Correct Answer

A

Marks

1

55

Question Description

For the word given on the top of the table, match the dictionary definitions given in the left hand column (A,B,C,D) with their corresponding usage given in the right hand column (EFGH). Out of the four choices given below the table, identify the one that has all definitions and usage correctly matched and mark its choice as your answer.

Up

A	towards or in a higher place	E	Are the children still up?
B	out of bed	F	Ever since they started the business, it has been on the up and up.
C	improving and becoming more successful especially financially	G	I sat up when I heard the news.
D	into an upright or raised position	H	We trudged slowly up the hill.

A

A	B	C	D
E	H	G	F

B

A	B	C	D
H	E	G	F

C

A	B	C	D
E	H	F	G

D

A	B	C	D
H	E	F	G

E

None of the above

Correct Answer

D

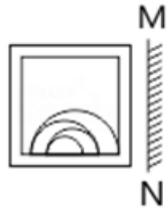
Marks

1

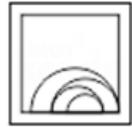
56

Question Description

Mirror images



A



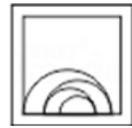
B



C



D





A	A
B	B
C	C
D	D
E	None of the above
Correct Answer	D
Marks	1

57

Question Description

A man is facing west. He turns 45° in the clockwise direction and then another 180° in the same direction and then 270° in the anti-clockwise direction. Which direction is he facing now?

A

South

B

North-west

C

West

D

South-west

E

None of the above

Correct Answer

D

Marks

1

58

Question Description

In the following question, a matrix of certain characters is given. These characters follow a certain trend, row-wise or column-wise. Find out this trend and choose the missing character accordingly

13	12	5
17	15	8
25	24	?
29	21	20

A

7

B

9

C

11

D

15

E

None of the above

Correct Answer

A

Marks

1

59

Question Description	225 : 12 : 435 : ?
A	12
B	20
C	25
D	19
E	None of the above
Correct Answer	D
Marks	1

60

Question Description

Directions: Study the following information carefully and answer the questions given below:

Twelve persons are sitting in two parallel rows containing six persons each, in such a way that there is an equal distance between adjacent persons. In row 1 – Joshi, Jaya, Jeet, Jamal, Juber and Jina are seated and all of them are facing south. In row 2 – Prem, Pinu, Pal, Punj, Poran and Pooja are seated and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.

Only one person sits between Jaya and Jina. Joshi sits third to the left of Juber. Neither Prem nor Poran faces Juber or Joshi. Prem does not sit at an extreme end. Jeet does not face Prem and Jeet does not sit at an extreme end of the line. Prem sits second to the right of Poran. Only one person sits between Pooja and Pal. Neither Joshi nor Juber sit at extreme end of the line. Pooja is not an immediate neighbour of Pinu and Prem does not face Jina. Neither Pooja nor does Pal face Juber. Pal does not sit at the extreme end.

How many person(s) sit(s) between Juber and Joshi?

A

None

B

One

C

Two

D

Three

E

None of the above

Correct Answer**C****Marks**

1

61

Question Description

Divya started from her house at 6:30 AM and travelled some distance till 7:30 AM. After covering 75% of that distance further, she found that she had covered 75% of total distance. Find the fraction of the total distance travelled by her by 8:30 AM.

(Given: She travels total distance with a constant speed)

A $3/7$ **B** $4/7$ **C** $6/7$ **D** $2/3$ **E**

None of the above

Correct Answer

C

Marks

1

62

Question Description	Running at the same constant rate, 6 identical machines can produce a total of 270 bottles per minute. At this rate, how many bottles could 10 such machines produce in 4 minutes?
A	648
B	1800
C	2700
D	10800
E	None of the above
Correct Answer	B
Marks	1

63

Question Description

Preet's family had 6 members Preet, Geet, Shiva, Roop, Daya and Moni. Each of them was related to Preet in some manner: Mother, Father, Sister, Wife and Brother. They were seated in a row, facing east. They were aged differently. It is known that any child and his/her spouse would be younger to his/her parents. Any husband would not necessarily be elder to his wife.

Preet's wife was 32 years old.

Preet's father was 7 years younger than Preet's mother.

Geet was 29 years old and was to the immediate left of Preet's brother.

Daya was seated at one of the extreme ends at a gap of 3 from Preet's father.

Preet's father was to the immediate right of the one who was 30 years old.

Daya was 33 years elder to Moni.

Preet was 3rd to the left of his sister.

The one who was 34 years old was neighboring Daya.

Roop was to the immediate left of Moni.

Who among the following is the youngest in the family?

A

Preet

B

Preet's wife

C

Preet's sister

D

Shiva

E

None of the above

Correct Answer**C****Marks**

1

64

Question Description

The following questions are based on the two digit numbers given below:

91 , 82 , 64 , 49 , 81

If each number is multiplied by 5, what will be the sum of the first digit of the each of the numbers?

A

17

B

21

C

15

D

16

E

None of the above

Correct Answer

A

Marks

1

65	Question Description	What will be the addition of the third digit from the right end and the fourth digit from the left end of the number '768395241' after arranging all its digits in descending order?
	A	8
	B	12
	C	17
	D	15
	E	None of the above
	Correct Answer	E
	Marks	1

66	Question Description	When Anup saw Sandeep, he recalled, "He is the son of the father of my daughter's mother." Who is Sandeep to Anup?
	A	Brother-in-law
	B	Brother
	C	Cousin
	D	Uncle
	E	None of the above
	Correct Answer	A
	Marks	1

67

Question Description

palette	easel	brush
textbook	lesson plan	?

A

artist

B

teacher

C

report card

D

paint

E

None of the above

Correct Answer

C

Marks

1

68

Question Description

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.

Tectonics : Building : : Taxidermy : ?

A

Classification

B

Conserving

C

Stuffing

D

Collecting

E

None of the above

Correct Answer

C

Marks

1

69

Question Description

Seven people – A, B, C, D, E, F and G – are having different hobbies, viz., Travelling, Reading, Dancing, Painting, Sculpting, Singing and Pottery making, but not necessarily in the same order. Each of them belong to different State, viz., Punjab, Odisha, Kerala, Rajasthan, Maharastra, Gujarat and Karnataka, but not necessarily in the same order. A belongs to Maharastra. D likes pottery making. The person who likes sculpting is from the State of Odisha. The person who likes dancing is from the State of Gujarat. F does not belong to Gujarat, Odisha, Punjab or Rajasthan. F does not like singing, reading or painting. B does not belong to Kerala, Odisha, Punjab or Rajasthan. B does not like painting, travelling, reading or singing. C does not like sculpting and he is not from Rajasthan or Punjab. Neither D nor G belongs to Punjab. A does not like reading. The person from Kerala likes singing. Who among the following likes singing?

A

A

B

C

C

E

D

G

E

None of the above

Correct Answer

B

Marks

1

70

Question Description

Which number replaces the question mark?

2	7	17
3	11	19
5	13	?

A

25

B

41

C

18

D

23

E

None of the above

Correct Answer

D

Marks

1

71

Question Description

Ankit, Ankush, Amjad, Akash, Akshay, Ashish, Ashad and Arman, were sitting around a circular table, facing towards the centre. These persons were playing cards and have won a different amount of money.

Amjad was sitting neighboring Ankush and Ashish and won Rs. 40. The person, who was sitting opposite to the person neighboring Ankit, won Rs. 30. One of the persons won Rs. 50. Ankush was sitting third to the right of the person, who won the highest amount. Ankit was sitting exactly opposite to the one, who won the highest amount. Every person won at least Rs. 20. Sum of the money won by Ashad and Arman was more than the money won by Ankush but less than the one who won the highest amount. The sum of the amount won by Ankit and his neighbors was Rs. 200. Ankit won the less money than his neighbors. Akash won Rs. 80, and was not an immediate neighbour of the one who won highest amount of money. Ankush and his neighbours and the person sitting opposite to him did not win the least amount of money. Arman won more money than only one person. One of the persons won Rs. 20. The person sitting opposite to Amjad won Rs. 60 which is half of the sum of the amount won by the ones, who won the highest and the lowest amount of money.

How many person(s) were sitting between the ones who won the highest amount and the least amount, when counted from the left of the one who won the least amount?

A	None
B	One
C	Two
D	Three
E	None of the above
Correct Answer	A
Marks	1

72

Question Description

The distance between N and P is 50 m and that between Q and R is 40 m. Q is to the west of R, which is to the east of N at a distance of 70 m. P is to the west or northwest or north of Q.
If Q is to the south of P, what is the distance between P and Q?

A

40m

B

35m

C

80m

D

20m

E

None of the above

Correct Answer

A

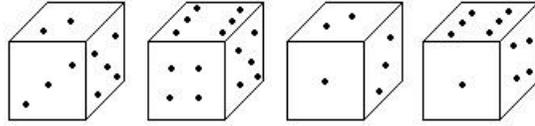
Marks

1

73

Question Description

How many points will be on the face opposite to in face which contains 2 points?

**A**

1

B

5

C

4

D

6

E

None of the above

Correct Answer

D

Marks

1

74

Question Description

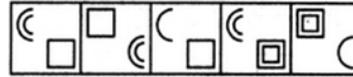
Select a suitable figure from the Answer Figures that would replace the question mark (?).

Problem Figures:



(A) (B) (C) (D)

Answer Figures:



(1) (2) (3) (4) (5)

A

1

B

2

C

3

D

4

E

None of the above

Correct Answer

B

Marks

1

75

Question Description	Statements: $A = B \geq C > D \leq E$, $K < L \geq N = E$, $F > G \geq B > I = J$ Conclusions: I. $D < L$, II. $D = L$
A	Neither C1 nor C2 follows
B	Only C1 follows
C	Both C1 and C2 follow
D	Either C1 or C2 follows
E	None of the above
Correct Answer	D
Marks	1