

Computer Based Examination System

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Title *	Question Paper Answer Key
OES Exam *	GPSC12202217 / Scientific Assistant in Forensic Science Laboratory in Toxicology, Chemistry and Narcotics/ Completed / 2023-04-02

1	Question Description	Strychnos nux vomica/ strychnine affects which part of body?
	A	Central nervous system (CNS)
	B	Peripheral nervous system (PNS)
	C	Spinal chord
	D	Cerebrum & Cerebellum
	E	None of the above
	Correct Answer	A
	Marks	1

2	Question Description	Which of the following country is not a part of 'Golden Crescent'; one of the leading producers of opium?
	A	Iran
	B	Syria
	C	Pakistan
	D	Afghanistan
	E	None of the above
	Correct Answer	B
	Marks	1

3	Question Description	Which of the following is not a hallucinogen?
	A	Lysergic acid (LSD)
	B	Mescaline
	C	Marijuana
	D	Cocaine
	E	None of the above
	Correct Answer	D
	Marks	1

4	Question Description	Visible spectral range is
	A	400-800nm
	B	600-800nm
	C	Below 400nm
	D	Above 800nm
	E	None of the above
	Correct Answer	A
	Marks	1

5	Question Description	IUPAC name of $(\text{CH}_3)_3\text{C} - \text{CH} = \text{CH}_2$ is
	A	2,2- dimethylbut-3-ene
	B	2,2- dimethylpent-4-ene
	C	3,3- dimethylbut-1-ene
	D	hex-1-ene
	E	None of the above
	Correct Answer	B
	Marks	1

6	Question Description	Which of the following is commonly known as “Knock out drops”:
	A	Chloral hydrate
	B	Barbiturates
	C	Methaqualone
	D	Dhatura
	E	None of the above
	Correct Answer	A
	Marks	1

7	Question Description	Heat of neutralization of reaction of strong acid with strong base iskCal/mol
	A	10.7
	B	12.7
	C	11.7
	D	13.7
	E	None of the above
	Correct Answer	D
	Marks	1

8	Question Description	Which chemical test is used to detect the methanol in liquor samples?
	A	Chromotropic acid Test
	B	Idoform Test
	C	Dichromate Test
	D	Fugiwara Test
	E	None of the above
	Correct Answer	A
	Marks	1

9	Question Description	Which of the series in atomic spectral lines in H-atom Spectra is in visible region
	A	Lyman
	B	Balmer
	C	Pschen
	D	Pfund
	E	None of the above
	Correct Answer	B
	Marks	1

10	Question Description	What is the unit for specific conductance
	A	Mho
	B	Mho ⁻¹
	C	Ohm ⁻¹
	D	Ohm
	E	None of the above
	Correct Answer	C
	Marks	1

11	Question Description	Two compounds having same molecular formula but different structural formula and so also have different chemical and physical properties are
	A	Isomers
	B	Related compounds
	C	Conformations
	D	Can't say
	E	None of the above
	Correct Answer	A
	Marks	1

12	Question Description	Which of the following are not components of an explosive primer?
	A	Mercury fulminate
	B	Lead azide
	C	Antimony sulphide
	D	hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)
	E	None of the above
	Correct Answer	D
	Marks	1

13	Question Description	What is IUPAC name of chloroform
	A	Chloromethane
	B	Tri-choloromethane
	C	Methyl Chloride
	D	3- Methyl Chloride
	E	None of the above
	Correct Answer	B
	Marks	1

14	Question Description	Wet digestion method is not applied in case of
	A	Cu
	B	Zn
	C	Ba
	D	Hg
	E	None of the above
	Correct Answer	D
	Marks	1

15	Question Description	Heroin is also commonly named as following except:
	A	Smack
	B	Dope
	C	Speed
	D	Brown Sugar
	E	None of the above
	Correct Answer	C
	Marks	1

16	Question Description	Rapid Duquenois Test is specific for:
	A	Morphine
	B	Diacetylmorphine
	C	Cannabinol
	D	Cocaine
	E	None of the above
	Correct Answer	C
	Marks	1

17	Question Description	pH of 10^{-8} molar acid is
	A	7.00
	B	8.00
	C	6.98
	D	8.01
	E	None of the above
	Correct Answer	C
	Marks	1

18	Question Description	Working of a Potentiometer is based on principle
	A	Stone wheat bridge
	B	Wheatstone bridge
	C	Stone rice Bridge
	D	Rice stone bridge
	E	None of the above
	Correct Answer	B
	Marks	1

19	Question Description	At a scene of explosion, there was damage to some near-by trees. Branches were found broken and leaves shed. This is due to.
	A	Projectile loaded in bomb
	B	Munroe effect
	C	Fragments of bomb
	D	Shock waves
	E	None of the above
	Correct Answer	D
	Marks	1

20	Question Description	One mole atoms are number of atoms
	A	6.023×10^{-23}
	B	6.023×10^{-21}
	C	6.023×10^{23}
	D	6.023×10^{24}
	E	None of the above
	Correct Answer	C
	Marks	1

21	Question Description	Stationary phase in TLC is
	A	Gel
	B	Silica- gel
	C	Paper
	D	Glass Plate
	E	None of the above
	Correct Answer	B
	Marks	1

22	Question Description	Correct statement for Lambert- Beer's law is .
	A	$A_c = e l$
	B	$A_l = e c$
	C	$A = e c l$
	D	$L = A e c$
	E	None of the above
	Correct Answer	C
	Marks	1

23	Question Description	Number of gram moles of solute present in a kilogram of solvent is
	A	Molarity
	B	Normality
	C	Molality
	D	Formality
	E	None of the above
	Correct Answer	C
	Marks	1

24	Question Description	The active components of cannabis/ marijuana are-
	A	Alkaloids
	B	Glycosides
	C	Cannabinoids
	D	Albutoxins
	E	None of the above
	Correct Answer	C
	Marks	1

25	Question Description	Full form of HPLC is
	A	High-Performance liquid chromatography
	B	High Pressure liquid chromatography
	C	High Pressure layered chromatography
	D	High-performance layered chromatography
	E	None of the above
	Correct Answer	A
	Marks	1

26	Question Description	Correct Order of stability of carbo-cations is
	A	Tertiary > Secondary > Primary
	B	Primary > Secondary > Tertiary
	C	Tertiary > Primary > Secondary
	D	Secondary > Tertiary > Primary
	E	None of the above
	Correct Answer	A
	Marks	1

27	Question Description	NMR works with Spectral range.
	A	Visible
	B	Microwave
	C	Radiofrequency
	D	X-rays
	E	None of the above
	Correct Answer	C
	Marks	1

28	Question Description	Main components of High explosive "Picratol" is
	A	RDX and Ammonium picrate
	B	TNT and Ammonium picrate
	C	TNT and PETN
	D	Ammonium nitrate and ammonium picrate
	E	None of the above
	Correct Answer	B
	Marks	1

29	Question Description	Wet digestion method is used for extraction of following poison from viscera
	A	Alkaloid
	B	Pesticide
	C	Arsenic
	D	Ethanol
	E	None of the above
	Correct Answer	B
	Marks	1

30

Question Description	which of the following causes random error in the experiment
A	Instrument not being properly cleaned
B	Instrument not being properly calibrated
C	Variation in environmental factors
D	Using impure reagents
E	None of the above
Correct Answer	C
Marks	1

31

Comprehension

Read the passage and answer the questions below:

When talking about overeating, obesity and other conditions arising from affluence and plenty, we may tend to overlook the fact that ours is a country where a large percentage of the population subsists on too little food and hardly gets a square meal a day. Even if meals are available, they lack the essential nutrients such as protein, fats, vitamins and minerals. Millions of Indian children are living in poverty. An estimated three million die every year owing to certain preventable conditions, including malnutrition. Carelessness of parents, unhygienic environment and poor health conditions and malnutrition make children more susceptible to disease. It will shock you to know that a major cause of blindness in India is the lack of vitamin A, which is found in abundance in carrots, leaves of drum stick trees, milk and green leafy vegetables.

Question Description

“It will shock you to know that a major cause of blindness in India is the lack of vitamin A, which is found in abundance in carrots, leaves of drum stick trees, milk and green leafy vegetables.”

This statement indirectly reveals that a large segment of Indian population lacks

A

access to vitamins altogether

B

carrots, drumsticks, milk and leafy vegetables contain vitamin A

C

affordability to have even ordinary diet containing vitamin A

D

interest in eating diet containing Vitamin A

E

None of the above

Correct Answer

C

Marks

1

Comprehension

Read the passage and answer the questions below:

When talking about overeating, obesity and other conditions arising from affluence and plenty, we may tend to overlook the fact that ours is a country where a large percentage of the population subsists on too little food and hardly gets a square meal a day. Even if meals are available, they lack the essential nutrients such as protein, fats, vitamins and minerals. Millions of Indian children are living in poverty. An estimated three million die every year owing to certain preventable conditions, including malnutrition. Carelessness of parents, unhygienic environment and poor health conditions and malnutrition make children more susceptible to disease. It will shock you to know that a major cause of blindness in India is the lack of vitamin A, which is found in abundance in carrots, leaves of drum stick trees, milk and green leafy vegetables.

Question Description

Most of the population manages to have meals and yet they

A

suffer from blindness

B

remain undernourished

C

die of starvation

D

die of malnutrition

E

None of the above

Correct Answer

B

Marks

1

33

Comprehension

Read the passage and answer the questions below:

When talking about overeating, obesity and other conditions arising from affluence and plenty, we may tend to overlook the fact that ours is a country where a large percentage of the population subsists on too little food and hardly gets a square meal a day. Even if meals are available, they lack the essential nutrients such as protein, fats, vitamins and minerals. Millions of Indian children are living in poverty. An estimated three million die every year owing to certain preventable conditions, including malnutrition. Carelessness of parents, unhygienic environment and poor health conditions and malnutrition make children more susceptible to disease. It will shock you to know that a major cause of blindness in India is the lack of vitamin A, which is found in abundance in carrots, leaves of drum stick trees, milk and green leafy vegetables.

Question Description

Besides parental neglect and lack of clean surroundings, other major cause of disease in children are

A

poor health condition and malnutrition

B

unhygienic condition and malnutrition

C

unhygienic conditions

D

carelessness of parents

E

None of the above

Correct Answer

A

Marks

1

34

Comprehension

Read the passage and answer the questions below:

When talking about overeating, obesity and other conditions arising from affluence and plenty, we may tend to overlook the fact that ours is a country where a large percentage of the population subsists on too little food and hardly gets a square meal a day. Even if meals are available, they lack the essential nutrients such as protein, fats, vitamins and minerals. Millions of Indian children are living in poverty. An estimated three million die every year owing to certain preventable conditions, including malnutrition. Carelessness of parents, unhygienic environment and poor health conditions and malnutrition make children more susceptible to disease. It will shock you to know that a major cause of blindness in India is the lack of vitamin A, which is found in abundance in carrots, leaves of drum stick trees, milk and green leafy vegetables.

Question Description

Identify from the options given below, the one which indicates the opposite of poverty and scarcity

A

overeating, obesity

B

affluence and plenty

C

square meal a day

D

abundance

E

None of the above

Correct Answer

B

Marks

1

35

Comprehension

Read the passage and answer the questions below:

When talking about overeating, obesity and other conditions arising from affluence and plenty, we may tend to overlook the fact that ours is a country where a large percentage of the population subsists on too little food and hardly gets a square meal a day. Even if meals are available, they lack the essential nutrients such as protein, fats, vitamins and minerals. Millions of Indian children are living in poverty. An estimated three million die every year owing to certain preventable conditions, including malnutrition. Carelessness of parents, unhygienic environment and poor health conditions and malnutrition make children more susceptible to disease. It will shock you to know that a major cause of blindness in India is the lack of vitamin A, which is found in abundance in carrots, leaves of drum stick trees, milk and green leafy vegetables.

Question Description

From the options provided below, find the synonym of “susceptible” as it is used in the above passage

A

inclined against

B

responsive

C

deceptive

D

prone

E

None of the above

Correct Answer

D

Marks

1

36

Comprehension

Read the passage and answer the questions below:

A rich top-soil, nourished by centuries of village agriculture; one hundred inches of rain each year; a dense forest and plentiful coconut groves; a fresh, pure supply of water, which we drank straight from our wells—these were free and they formed the material resources of our prosperity. The real foundation of our prosperity, though, was the deep and enduring sense of community that enabled us to make the best of those resources. On this foundation, an excellent tradition of craftsmanship had grown up. Generation after generation of potters, carpenters, blacksmiths, goldsmiths, and weavers learned their trades from their families. They took great pride in the beauty, utility and enduring quality of their work. So, we had all the things we needed—well-crafted, beautiful things that lasted a long time –but we did not do much “consuming”.

Question Description

The true basis of our prosperity according to the above passage was

A

rich top-soil, heavy rain, rich crop and fresh water

B

centuries of agriculture and free material resources

C

an excellent tradition of craftsmanship and home training in trades

D

sense of community and best utilization of resources

E

None of the above

Correct Answer

D

Marks

1

37

Comprehension

Read the passage and answer the questions below:

A rich top-soil, nourished by centuries of village agriculture; one hundred inches of rain each year; a dense forest and plentiful coconut groves; a fresh, pure supply of water, which we drank straight from our wells—these were free and they formed the material resources of our prosperity. The real foundation of our prosperity, though, was the deep and enduring sense of community that enabled us to make the best of those resources. On this foundation, an excellent tradition of craftsmanship had grown up. Generation after generation of potters, carpenters, blacksmiths, goldsmiths, and weavers learned their trades from their families. They took great pride in the beauty, utility and enduring quality of their work. So, we had all the things we needed—well-crafted, beautiful things that lasted a long time –but we did not do much “consuming”.

Question Description

The following trait is at variance with other qualities of the community mentioned in the passage

A

pride in beauty, utility and enduring quality of work

B

failure to be consumers

C

tendency to take material resources for granted

D

learning the trade from their families

E

None of the above

Correct Answer

B

Marks

1

38

Comprehension

Read the passage and answer the questions below:

A rich top-soil, nourished by centuries of village agriculture; one hundred inches of rain each year; a dense forest and plentiful coconut groves; a fresh, pure supply of water, which we drank straight from our wells—these were free and they formed the material resources of our prosperity. The real foundation of our prosperity, though, was the deep and enduring sense of community that enabled us to make the best of those resources. On this foundation, an excellent tradition of craftsmanship had grown up. Generation after generation of potters, carpenters, blacksmiths, goldsmiths, and weavers learned their trades from their families. They took great pride in the beauty, utility and enduring quality of their work. So, we had all the things we needed—well-crafted, beautiful things that lasted a long time –but we did not do much “consuming”.

Question Description

The term “enduring” is used in the passage more than once. From the options provided below, select the synonym that is unsuitable in both the contexts

A

long-lasting

B

abiding

C

constant

D

persisting

E

None of the above

Correct Answer

D

Marks

1

39

Comprehension

Read the passage and answer the questions below:

A rich top-soil, nourished by centuries of village agriculture; one hundred inches of rain each year; a dense forest and plentiful coconut groves; a fresh, pure supply of water, which we drank straight from our wells—these were free and they formed the material resources of our prosperity. The real foundation of our prosperity, though, was the deep and enduring sense of community that enabled us to make the best of those resources. On this foundation, an excellent tradition of craftsmanship had grown up. Generation after generation of potters, carpenters, blacksmiths, goldsmiths, and weavers learned their trades from their families. They took great pride in the beauty, utility and enduring quality of their work. So, we had all the things we needed—well-crafted, beautiful things that lasted a long time –but we did not do much “consuming”.

Question Description

According to the passage, an tradition of craftsmanship could evolve and thrive mainly due to

A

the demand for the products

B

the products being of good quality

C

a deep sense of community

D

Both A and B

E

None of the above

Correct Answer

C

Marks

1

40

Comprehension

Read the passage and answer the questions below:

A rich top-soil, nourished by centuries of village agriculture; one hundred inches of rain each year; a dense forest and plentiful coconut groves; a fresh, pure supply of water, which we drank straight from our wells—these were free and they formed the material resources of our prosperity. The real foundation of our prosperity, though, was the deep and enduring sense of community that enabled us to make the best of those resources. On this foundation, an excellent tradition of craftsmanship had grown up. Generation after generation of potters, carpenters, blacksmiths, goldsmiths, and weavers learned their trades from their families. They took great pride in the beauty, utility and enduring quality of their work. So, we had all the things we needed—well-crafted, beautiful things that lasted a long time –but we did not do much “consuming”.

Question Description

Of the craftsmen mentioned in the passage, blacksmiths deal with

A

iron

B

terracotta

C

copper

D

wool

E

None of the above

Correct Answer

A

Marks

1

41	Question Description	Where did PM Modi address the 'One World TB Summit'?
	A	Varanasi
	B	Dehradun
	C	Pune
	D	Noida
	E	None of the above
	Correct Answer	A
	Marks	1

42	Question Description	Which state government is launching the five-year Millet Mission?
	A	Tamil Nadu
	B	Maharashtra
	C	Uttarakhand
	D	Meghalaya
	E	None of the above
	Correct Answer	A
	Marks	1

43 **Question Description** Which state is organizing the Taj Mahotsav 2023?

A Uttar Pradesh

B Madhya Pradesh

C Himachal Pradesh

D Arunachal Pradesh

E None of the above

Correct Answer A

Marks 1

44 **Question Description** The Great Victoria Desert is located in

A Canada

B West Africa

C Australia

D North America

E None of the above

Correct Answer C

Marks 1

45	Question Description	Which game did Sarabjot Singh belong to?
	A	Hockey
	B	Cricket
	C	Shooting
	D	Golf
	E	None of the above
	Correct Answer	C
	Marks	1

46	Question Description	MPG' extension refers usually to what kind of file?
	A	WordPerfect Document file
	B	MS Office document
	C	Animation/movie file
	D	Image file
	E	None of the above
	Correct Answer	C
	Marks	1

47	Question Description	Which International Yoga Day will the Yoga Mahotsav 2023 mark the beginning of the 100-day countdown for?
	A	5th
	B	6th
	C	9th
	D	11th
	E	None of the above
	Correct Answer	C
	Marks	1

48	Question Description	Where will the G20 Research and Innovation Initiative Gathering under India's Presidency begin?
	A	Silchar
	B	Tezpur
	C	Dispur
	D	Dibrugarh
	E	None of the above
	Correct Answer	D
	Marks	1

49

Question Description	On which date is 'Martyr's Day' (Shaheed Diwas) observed?
A	March 23
B	March 21
C	March 20
D	March 19
E	None of the above
Correct Answer	A
Marks	1

50

Question Description	In which city will India host the 2023 SAFF Championship?
A	Chennai
B	Mumbai
C	Bengaluru
D	Lucknow
E	None of the above
Correct Answer	C
Marks	1

51

Question Description

Study the following questions carefully and choose the right answer:

Statement: If the retired Professors of the same Institutes are also invited to deliberate on restructuring of the organisation, their contribution may be beneficial to the Institute.

Courses of action:

I. Management may seek opinion of the employees before calling retired professors.

II. Management should involve experienced people for the systematic restructuring of the organisation.

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

B

Marks

1

52

Question Description	If all the consonants starting from B are given sequentially the value of even numbers such as B=2, C=4, and all the vowels are given the value of 5 each then what will be the value of the letters of the word CUSTOM ?
A	92
B	86
C	82
D	96
E	None of the above
Correct Answer	D
Marks	1

53

Question Description

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

Cheenu has a family of eight members. Bablu is the eldest male member of the family. Haryali is the daughter-in-law of Neelu and sister-in-law of Sonu and Anku. Apart from Cheenu and Bablu, only Sonu is a male member of the family. Anku is the aunt of Cheenu's two daughters Saba and Daya.

Who is the husband of Haryali?

A

Bablu

B

Sonu

C

Cheenu

D

Cannot be determined

E

None of the above

Correct Answer

C

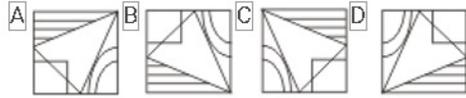
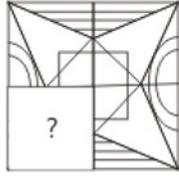
Marks

1

54

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

D

Marks

1

55

Question Description

What number should replace the question mark?

AVIATOR = 6

FIXTURE = 9

WIZARDS = 1

DIVERSE = ?

A

2

B

3

C

4

D

5

E

None of the above

Correct Answer

C

Marks

1

56

Question Description

Directions: A word and number arrangement machine, when given an input line of words and numbers, rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: Fable 76 Quibble 24 Terrible 54 Able 82 Gamble 65

Step1:82 Fable 76 Quibble 24 Terrible 54 Gamble 65 Able

Step2:Fable 82 76 Quibble 24 Terrible 54 Gamble Able 65

Step3:76 Fable 82 Quibble 24 Terrible 54 Able 65 Gamble

Step4:Quibble 76 Fable 82 Terrible 54 Able 65 Gamble 24

Step5:54 Quibble 76 Fable 82 Able 65 Gamble 24 Terrible

Step 5 is the final output.

Find the different steps of output using the above mentioned logic for the following input.

Input: Scientific 29 Majaestic 34 Fantastic 58 Hectic 77 Genetic 84

in the final output, how many elements are there between the greatest and the smallest numbers of the given arrangement?

A

Four

B

Two

C

Three

D

Five

E

None of the above

Correct Answer

E

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:

Some boys are girls.

Some girls are women.

All women are men.

Conclusions:

I. Some men are girls.

II. All boys being men is a possibility.

A

Neither I nor II follows

B

Only I follows

C

Either I or II follows

D

Both I and II follow

E

None of the above

Correct Answer

D

Marks

1

58

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.

7 books namely Book 1, Book 2, Book 3, Book 4, Book 5, Book 6 and Book 7 are of different weights. Find the second lightest book?

Statement I : Book 1 is heavier than Book 4, which is just lighter than Book 3. Book 2 is not the lightest. Book 5 is just heavier than Book 3.

Statement II : Book 3 is heavier than only two books. Book 7 is just heavier than Book 1, which is heavier than Book 4. Book 4 is lighter than Book 3.

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

D

Marks

1

59

Question Description

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

In a tech exhibition, seven mobiles of seven different companies viz. Motorola, Sony, HTC, Oppo, Micromax, Lenovo and Apple were displayed in a row, facing north such that;

(I) Motorola was immediate right of Apple.

(II) Apple was fourth to the right of HTC.

(III) Oppo was between Sony and Lenovo

(IV) HTC, which was third to the left of Sony, was at one of the ends.

Which mobiles are on the immediate either side of Motorola?

A

Sony and Oppo

B

Oppo and HTC

C

HTC and Micromax

D

Sony and Apple

E

None of the above

Correct Answer

E

Marks

1

60

Question Description

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

Statement :

“Buy pure butter of company A.” - an advertisement in a magazine.

Assumptions :

I. No other company supplies pure butter.

II. People read advertisement.

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

B

Marks

1

61

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..

BJCI : JBIC :: CXDW : ?

A

JCDU

B

BCJU

C

EVFU

D

XCWD

E

None of the above

Correct Answer

D

Marks

1

Question Description

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

In a certain code language,

'lavish lifestyle high desires' is coded as "@16f \$36i @9d \$16g"

'humanity seldom exhibit mercy' is coded as "@25h #16f @16g \$16e"

'opinion matters heart felt' is coded as "#9g \$25g %9e \$9d"

'push yourself achieve goals' is coded as "&9d \$25h \$9g %9e"

Code – '\$25i %16f' stands for which of the following phrases?

A adventure island

B horrible nightmare

C witness digitally

D showcase quality

E None of the above

Correct Answer A

Marks 1

63

Question Description	How many times are the hands of a clock at right angle in a day?
A	22
B	24
C	44
D	48
E	None of the above
Correct Answer	C
Marks	1

64

Question Description

A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?

A

120 m

B

240 m

C

300 m

D

600 m

E

None of the above

Correct Answer

B

Marks

1

65

Question Description	If 6th March, 2005 is Monday, what was the day of the week on 6th March, 2004?
A	Sunday
B	Saturday
C	Tuesday
D	Wednesday
E	None of the above
Correct Answer	A
Marks	1

66

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.

Monotony : Variety : : Crudeness : ?

A

Refinement

B

Raw

C

Sobriety

D

Simplicity

E

None of the above

Correct Answer

A

Marks

1

67

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.

What is the speed of the boat in still water?

I. It takes 2 hours to cover the distance between A and B downstream.

II. It takes 4 hours to cover the distance between A and B upstream.

A

I alone sufficient while II alone not sufficient to answer

B

II alone sufficient while I alone not sufficient to answer

C

Either I or II alone sufficient to answer

D

Both I and II are not sufficient to answer

E

None of the above

Correct Answer

D

Marks

1

68

Question Description What number continues the sequence?

25, 50, 27, 46, 31, 38, 39, ?

A 55**B** 22**C** 30**D** 24**E** None of the above**Correct Answer** B**Marks** 1

69

Question Description

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

AERIE : EAGLE

A

bridge : architect

B

unit : apartment

C

kennel : veterinarian

D

house : person

E

None of the above

Correct Answer

D

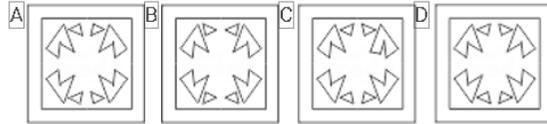
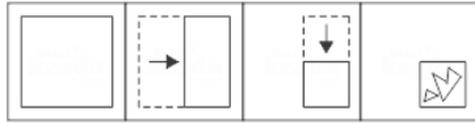
Marks

1

70

Question Description

Directions: A piece of a paper is folded and cut as shown below in the Question Figures. Indicate how it will appear when opened.



A

A

B

B

C

C

D

D

E

None of the above

Correct Answer

D

Marks

1

71

Question Description

Directions: Read the following alphanumeric symbol series carefully and answer the question based on it.

T \$ 6 U K 7 % * 4 J O @ 2 3 L P 9 8 A # Y ^ 5 W &

If all the even digits are skipped from the sequence then which of the following elements is fifth to the right of '@'?

A

A

B

U

C

W

D

Y

E

None of the above

Correct Answer

A

Marks

1

72

Question Description

The following questions are based on five words given below:

MET

ARK

MOB

SKI

URN

(The new words formed after performing the mentioned operations may or may not necessarily be meaningful English word)
If the second alphabet in each of the word is changed to the previous alphabet in the English alphabetical order, how many words having no vowel will be formed?

A

Four

B

One

C

Two

D

Three

E

None of the above

Correct Answer

C

Marks

1

73

Question Description

Find missing numbers

11	24	13	?
8	12	10	10
16	9	?	13

A

11, 13

B

12, 20

C

22, 12

D

9, 13

E

None of the above

Correct Answer

C

Marks

1

74

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.

72 : 18 :: 56 : ?

A

24

B

22

C

20

D

16

E

None of the above

Correct Answer

B

Marks

1

75

Question Description

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

Seven players viz. L,M,N,O,P,Q, and R of Volleyball were standing on a ground such that L was 10m to the north of R, who was 5m west of Q. M was 6m south of N, who was 8m east of R. P was 13m north of N and 4m east of O.

After sometime few of them changed their position, which will be denoted by adding ` to their names. For example - new position of L will be denoted as L`.

O moved 5m towards south and then turned left and moved 2m and stopped.

L moved 5m towards north-east and then moved 1m in north and stopped.

If Q moved 1m towards west then what is the straight distance between L` and Q`?

A 12m

B 15m

C 14m

D 17m

E None of the above

Correct Answer C

Marks 1