

Computer Based Examination System

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Title *	Question Paper Answer Key
OES Exam *	GPSC02202106 Technical Officer in Administrative Reforms Department Completed 2021-04-11

1	Question Description	Probability of getting an odd number between 1 and 5 when a fair die is rolled once is
	A	1/2
	B	1/3
	C	1/4
	D	1/6
	Correct Answer	D
	Marks	1

2	Question Description	A population characteristic under study which we are interested to estimate is called
	A	Statistic
	B	Hypothesis
	C	Standard Error
	D	Parameter
	Correct Answer	D
	Marks	1
3	Question Description	The difference between the expected sample value and the estimated value of the parameter is called as
	A	Error
	B	Bias
	C	Difference
	D	None of the above
	Correct Answer	B
	Marks	1

4	Question Description	The median and mode of a set of observations are 22 and 26 respectively. The value of mean is
	A	21
	B	22
	C	20
	D	26
	Correct Answer	C
	Marks	1
5	Question Description	In a more than Ogive curve, the cumulative frequency is plotted against
	A	Mid-point of respective class interval
	B	The upper limit of the respective class interval
	C	The lower limit of the respective class interval
	D	None of the above
	Correct Answer	C
	Marks	1

6

Question Description	If regression coefficients are $-4/5$ and $-9/20$, then value of correlation coefficient is
A	$3/5$
B	$13/20$
C	$9/25$
D	$-3/5$
Correct Answer	D
Marks	1

7

Question Description	The arithmetic mean of 6 numbers is 26. If mean of first 3 numbers is 24 and mean of last 4 numbers is 28 then value of third observation is
A	26
B	27
C	28
D	25
Correct Answer	C
Marks	1

8	Question Description	For any two events A and B, if $\text{Prob}(A)=6/11$, $\text{Prob}(B)=5/11$, and $\text{Prob}(A \cup B) = 7/11$ then $\text{Prob}(A \cap B)=$
	A	11/18
	B	5/11
	C	4/11
	D	None of the above
	Correct Answer	C
	Marks	1

9	Question Description	Which of the following option is not a measure of central tendency
	A	Range
	B	Mode
	C	Harmonic mean
	D	Geometric mean
	Correct Answer	A
	Marks	1

10	Question Description	In a cumulative frequency distribution, the last class will always have a cumulative frequency equal to
	A	1
	B	100%
	C	0
	D	Total number of observations in the data set
	Correct Answer	D
	Marks	1
11	Question Description	From a pack of well shuffled pack of 52 playing cards, probability of selecting neither an Ace nor a King is
	A	$2/13$
	B	$12/13$
	C	$1/13$
	D	$11/13$
	Correct Answer	D
	Marks	1

12

Question Description

Given probability distribution of a discrete random variable X as given below, the value of constant k is

x	2	3	4	5
$p(x)$	$\frac{7}{k}$	$\frac{9}{k}$	$\frac{11}{k}$	$\frac{5}{k}$

A

32

B

8

C

48

D

16

Correct Answer

A

Marks

1

13

Question Description

For any discrete frequency distribution which of the following is true

A

Standard deviation \geq Mean deviation from mean

B

Standard deviation $<$ Mean deviation from mean

C

 $(\text{Standard deviation})^2 > \text{Mean deviation from mean}$

D

 $(\text{Mean deviation from mean})^2 \geq \text{Standard deviation}$ **Correct Answer**

A

Marks

1

14	Question Description	If the mode of the following data 1,2,2,4,5,4,7,4,7,1,7,2k is 4 , then the value of constant k is
	A	4
	B	6
	C	8
	D	None of the above
	Correct Answer	D
	Marks	1
15	Question Description	The mode of a frequency distribution can be determined graphically from
	A	Bar diagram
	B	Histogram
	C	Ogive
	D	Frequency polygon
	Correct Answer	B
	Marks	1

16	Question Description	In constructing a frequency distribution as the number of classes are decreased, the class width
	A	Decreases
	B	Remains unchanged
	C	Increases
	D	Can increase or decrease depending on the data values
	Correct Answer	C
	Marks	1
17	Question Description	In a Binomial distribution the mean and standard deviation are 12 and 2 respectively. Then the probability of success is
	A	$1/3$
	B	$2/3$
	C	$1/6$
	D	$5/6$
	Correct Answer	B
	Marks	1

18	Question Description	A statistical measure which does not depend on all the observations of a data set is
	A	Median
	B	Mean
	C	Variance
	D	None of the above three
	Correct Answer	A
	Marks	1
19	Question Description	If median of the data 12,16,17,2x-1,2x+1,22,24,24 is 20 , then value of x is
	A	10
	B	15
	C	5
	D	18
	Correct Answer	A
	Marks	1

20	Question Description	For any two mutually exclusive events A and B , if $Prob(A) = 0.5$, $Prob(B) = p$ and $Prob(A \cup B) = 0.6$, then value of p is
	A	0.25
	B	0.1
	C	0.3
	D	None
	Correct Answer	B
	Marks	1
21	Question Description	If X is a Poisson random variable with parameter 1.2, then which of the following statement is true
	A	$Mean > 1.2$
	B	$Variance < 1.2$
	C	$Mean = variance = 1.2$
	D	None of the above
	Correct Answer	C
	Marks	1

22	Question Description	The graphical representation of cumulative relative frequency distribution is called
	A	Histogram
	B	Pie chart
	C	Box Plot
	D	None of the above
	Correct Answer	D
	Marks	1

23	Question Description	Which of the following statement is true
	A	Two uncorrelated variables are always independent
	B	Covariance(X, Y) is always positive
	C	Correlation coefficient is always positive
	D	Two independent variables are always uncorrelated
	Correct Answer	D
	Marks	1

24	Question Description	Statistical Inference is
	A	The process of drawing conclusions about a population based on parameters
	B	The process of drawing conclusions about a population based on sample observations
	C	The process of drawing conclusions about a statistic based on parameters
	D	The process of drawing conclusions about a sample based on parameters
	Correct Answer	B
	Marks	1

25	Question Description	For any event A, which of the following is not true
	A	$\text{Prob}(A)=100\%$
	B	$\text{Prob}(A)=5/6$
	C	$\text{Prob}(A)=6/5$
	D	$\text{Prob}(A)=0.001$
	Correct Answer	C
	Marks	1

26	Question Description	A cyclist pedals from his house to his office at a speed of 12 miles per hour and back from his office to his house at 15 miles per hour. Then the ideal measure to find the average speed is
	A	Mean
	B	Mode
	C	Harmonic mean
	D	Median
	Correct Answer	C
	Marks	1

27	Question Description	Statistically scatterness of observation in a data set is called
	A	Quartile deviation
	B	Standard deviation
	C	Coefficient of variation
	D	Dispersion
	Correct Answer	D
	Marks	1

28	Question Description	For any two events A and B, if $Prob(A)=0.2$, $Prob(B)=0.4$ then $Prob(\bar{A}) + Prob(\bar{B}) =$
	A	1
	B	0.6
	C	0.8
	D	1.4
	Correct Answer	D
	Marks	1

29	Question Description	The mean weight of 40 students is 30 kg. Then the new mean weight of these 40 students after 6 months, if each student has gained 2kg weight is
	A	42 kg
	B	40 kg
	C	32 kg
	D	None of the above
	Correct Answer	C
	Marks	1

30

Question Description	Given two regression lines $1.22x + y = 7.8$ and $x + 0.44y = 54.3$, if one regression coefficient is -1.22 then the other regression coefficient is
A	-1
B	0.44
C	- 0.44
D	None of the above
Correct Answer	C
Marks	1

Comprehension

Read the following passage and answer the questions below:

The twelfth century stands out as a lively and creative age in Western Europe, whether it is judged by great movements (such as the rise of new architecture, of universities, of a multitude of literary forms and kinds in the vernacular) or by its results in some tiny detail, as when it gives new life to the dry bones of a fable that had been chewed unprofitably for centuries before. What happy combination of circumstances unlocked this abounding vitality it is impossible to say. But one aspect is suggested by the history we have just traced. Preceding ages always had before them the model of Rome in her days of greatness. Those who cared for literature imitated the Latin classic; and by using a dead language and the forms and subjects of a past civilization, they cut themselves off from the mass of people.

Question Description

From the following statements based on the passage, identify the one that best captures the sense conveyed in the passage:

- i. Twelfth century stands out irrespective of its great movements or by its results in some tiny detail.
- ii. Twelfth century stands out notwithstanding its great movements or by its results in some tiny detail.
- iii. Twelfth century stands out not neither due to its great movements nor by its results in some tiny detail.
- iv. Twelfth century stands out due to its great movements as well as by its results in some tiny detail.

A (i)

B (ii)

C (iii)

D (iv)

Correct Answer D

Marks 1

32

Comprehension

Read the following passage and answer the questions below:

The twelfth century stands out as a lively and creative age in Western Europe, whether it is judged by great movements (such as the rise of new architecture, of universities, of a multitude of literary forms and kinds in the vernacular) or by its results in some tiny detail, as when it gives new life to the dry bones of a fable that had been chewed unprofitably for centuries before. What happy combination of circumstances unlocked this abounding vitality it is impossible to say. But one aspect is suggested by the history we have just traced. Preceding ages always had before them the model of Rome in her days of greatness. Those who cared for literature imitated the Latin classic; and by using a dead language and the forms and subjects of a past civilization, they cut themselves off from the mass of people.

Question Description

The passage implies that “they cut themselves off from the mass of people” because they were using

A

outdated forms and subjects in an unfamiliar language

B

the forms and subjects of a past civilization

C

outdated forms and subjects of a bygone era

D

the mass of people could not follow Latin

Correct Answer

A

Marks

1

33

Comprehension

Read the following passage and answer the questions below:

The twelfth century stands out as a lively and creative age in Western Europe, whether it is judged by great movements (such as the rise of new architecture, of universities, of a multitude of literary forms and kinds in the vernacular) or by its results in some tiny detail, as when it gives new life to the dry bones of a fable that had been chewed unprofitably for centuries before. What happy combination of circumstances unlocked this abounding vitality it is impossible to say. But one aspect is suggested by the history we have just traced. Preceding ages always had before them the model of Rome in her days of greatness. Those who cared for literature imitated the Latin classic; and by using a dead language and the forms and subjects of a past civilization, they cut themselves off from the mass of people.

Question Description

Which of the following is implied by the term a “past civilization”?

A

Latin Classics

B

British civilization

C

Latin civilization

D

Roman civilization

Correct Answer

D

Marks

1

34

Comprehension

Read the following passage and answer the questions below:

The twelfth century stands out as a lively and creative age in Western Europe, whether it is judged by great movements (such as the rise of new architecture, of universities, of a multitude of literary forms and kinds in the vernacular) or by its results in some tiny detail, as when it gives new life to the dry bones of a fable that had been chewed unprofitably for centuries before. What happy combination of circumstances unlocked this abounding vitality it is impossible to say. But one aspect is suggested by the history we have just traced. Preceding ages always had before them the model of Rome in her days of greatness. Those who cared for literature imitated the Latin classic; and by using a dead language and the forms and subjects of a past civilization, they cut themselves off from the mass of people.

Question Description

Those who cared for literature “imitated the Latin classics” means

A

they copied the Latin classics verbatim

B

they copied Latin classics in English

C

they wrote classics in Latin themselves

D

they wrote in similar vein in English

Correct Answer

C

Marks

1

35

Comprehension

Read the following passage and answer the questions below:

The twelfth century stands out as a lively and creative age in Western Europe, whether it is judged by great movements (such as the rise of new architecture, of universities, of a multitude of literary forms and kinds in the vernacular) or by its results in some tiny detail, as when it gives new life to the dry bones of a fable that had been chewed unprofitably for centuries before. What happy combination of circumstances unlocked this abounding vitality it is impossible to say. But one aspect is suggested by the history we have just traced. Preceding ages always had before them the model of Rome in her days of greatness. Those who cared for literature imitated the Latin classic; and by using a dead language and the forms and subjects of a past civilization, they cut themselves off from the mass of people.

Question Description

“It gives new life to the dry bones of a fable that had been chewed unprofitably for centuries before.”

This statement is -----.

A

a euphemism

B

a metaphor

C

neither

D

both

Correct Answer

D

Marks

1

36

Comprehension

Read the following passage and answer the questions below:

With the disappearance of a language, it is not only a human creation that dies, but also a form of expressing a relationship with nature, an oral tradition, poetry and ultimately a culture, thereby contributing to global impoverishment of humanity. It is for these reasons that states, regions, society and civil as well as cultural organizations are seeking to adopt measures conducive to the preservation of languages. These languages constitute a priceless heritage, playing a central role in the preservation of the identity of numerous communities threatened on some continents, as well as being indispensable factors in ensuring cultural diversity. A number of warnings by linguists and other social scientists as well as international organizations have come to underline with growing intensity the crucial factor of languages and mother tongues in the development of human creativity, of the capacity to communicate, and above all, its primary role in evolving cultural identities.

Question Description

From the context of the passage, the antonym of the word “impoverishment” can be identified as -----.

A

depletion

B

enrichment

C

wealth

D

enhancement

Correct Answer

B

Marks

1

37

Comprehension

Read the following passage and answer the questions below:

With the disappearance of a language, it is not only a human creation that dies, but also a form of expressing a relationship with nature, an oral tradition, poetry and ultimately a culture, thereby contributing to global impoverishment of humanity. It is for these reasons that states, regions, society and civil as well as cultural organizations are seeking to adopt measures conducive to the preservation of languages. These languages constitute a priceless heritage, playing a central role in the preservation of the identity of numerous communities threatened on some continents, as well as being indispensable factors in ensuring cultural diversity. A number of warnings by linguists and other social scientists as well as international organizations have come to underline with growing intensity the crucial factor of languages and mother tongues in the development of human creativity, of the capacity to communicate, and above all, its primary role in evolving cultural identities.

Question Description

From the options provided below, identify the one that is closest in meaning to the phrase “with growing intensity the crucial factor” as implied in the passage.

A

with intense worry the significant role

B

with increasing anxiety the unique part

C

with increasing vigour the pivotal part

D

with excessive concern the important role

Correct Answer

C

Marks

1

38

Comprehension

Read the following passage and answer the questions below:

With the disappearance of a language, it is not only a human creation that dies, but also a form of expressing a relationship with nature, an oral tradition, poetry and ultimately a culture, thereby contributing to global impoverishment of humanity. It is for these reasons that states, regions, society and civil as well as cultural organizations are seeking to adopt measures conducive to the preservation of languages. These languages constitute a priceless heritage, playing a central role in the preservation of the identity of numerous communities threatened on some continents, as well as being indispensable factors in ensuring cultural diversity. A number of warnings by linguists and other social scientists as well as international organizations have come to underline with growing intensity the crucial factor of languages and mother tongues in the development of human creativity, of the capacity to communicate, and above all, its primary role in evolving cultural identities.

Question Description

Identify the word from the passage that comes closest in meaning to “essential or vital” as implied in the passage

A

conducive

B

indispensable

C

priceless

D

intensity

Correct Answer

B

Marks

1

39

Comprehension

Read the following passage and answer the questions below:

With the disappearance of a language, it is not only a human creation that dies, but also a form of expressing a relationship with nature, an oral tradition, poetry and ultimately a culture, thereby contributing to global impoverishment of humanity. It is for these reasons that states, regions, society and civil as well as cultural organizations are seeking to adopt measures conducive to the preservation of languages. These languages constitute a priceless heritage, playing a central role in the preservation of the identity of numerous communities threatened on some continents, as well as being indispensable factors in ensuring cultural diversity. A number of warnings by linguists and other social scientists as well as international organizations have come to underline with growing intensity the crucial factor of languages and mother tongues in the development of human creativity, of the capacity to communicate, and above all, its primary role in evolving cultural identities.

Question Description

As per the passage, the foremost contribution of language and mother tongue to human society is in the

A

preservation of identities

B

evolving cultural identities

C

process of communication

D

development of human creativity

Correct Answer

B

Marks

1

40

Comprehension

Read the following passage and answer the questions below:

With the disappearance of a language, it is not only a human creation that dies, but also a form of expressing a relationship with nature, an oral tradition, poetry and ultimately a culture, thereby contributing to global impoverishment of humanity. It is for these reasons that states, regions, society and civil as well as cultural organizations are seeking to adopt measures conducive to the preservation of languages. These languages constitute a priceless heritage, playing a central role in the preservation of the identity of numerous communities threatened on some continents, as well as being indispensable factors in ensuring cultural diversity. A number of warnings by linguists and other social scientists as well as international organizations have come to underline with growing intensity the crucial factor of languages and mother tongues in the development of human creativity, of the capacity to communicate, and above all, its primary role in evolving cultural identities.

Question Description

When a language disappears, the human society gets affected because

A

expression of relationship with nature is hindered

B

human creation is undermined

C

oral tradition is lost

D

it is overall culturally impoverished

Correct Answer

D

Marks

1

41	Question Description	Amar Singh Sokhi is remembered for his performance in ?
	A	Archery
	B	Cycling
	C	Swimming
	D	Athletics
	Correct Answer	B
	Marks	1

42	Question Description	DB' computer abbreviation usually means ?
	A	Database
	B	Double Byte
	C	Data Block
	D	Driver Boot
	Correct Answer	A
	Marks	1

43	Question Description	The great Victoria Desert is located in
	A	Canada
	B	West Africa
	C	Australia
	D	North America
	Correct Answer	C
	Marks	1

44	Question Description	B. C. Roy Award is given in the field of
	A	Music
	B	Journalism
	C	Medicine
	D	Environment
	Correct Answer	C
	Marks	1

45	Question Description	Anandam: The Center for Happiness has been inaugurated at which place?
	A	IIM Jammu
	B	IIT Delhi
	C	IISc Bengaluru
	D	AIIMS
	Correct Answer	A
	Marks	1
46	Question Description	Laxmipriya Mohapatra, who has passed away recently was a maestro of which dance form?
	A	Kathak
	B	Bharatnatyam
	C	Kathakali
	D	Odissi
	Correct Answer	D
	Marks	1

47	Question Description	Which registered the world's first COVID-19 Vaccine for animals
	A	Russia
	B	China
	C	US
	D	India
	Correct Answer	A
	Marks	1
48	Question Description	The ratio of width of our National flag to its length is
	A	3:5
	B	2:3
	C	2:4
	D	3:4
	Correct Answer	B
	Marks	1

49 **Question Description** The only Indian to win the Nobel prize in physics is

A Dr. J.C. Bose

B Dr. C. V. Raman

C Dr. Vikram Sarabhai

D Dr. H. J. Bhabha

Correct Answer B

Marks 1

50 **Question Description** DRDO tested Heavy Weight Torpedo (HWT), what is name of HWT?

A Seahake

B Dhruvastra

C Varunastra

D Shyena

Correct Answer C

Marks 1

51

Question Description

B is 25 m north-west of A. C is 25 m North-east of A. B is in which direction of C

A

North-west

B

South east

C

West

D

East

Correct Answer

C

Marks

1

52

Question Description

As the information on air warfare tasks and stressors was being gathered and scenarios were being developed, a parallel effort ensued to identify a test bed simulation for air warfare teams .To maintain experimental control, it was determined by the designers that choosing a low physical fidelity simulation was acceptable as long as cognitive fidelity in a team simulation was maintained through subjecting soldiers to pressure situations in a simulated combat setting and attempting to ensure that naturalistic decision making of soldiers would not be compromised.

Which of the following statements, if true, weakens the logic of the above passage?

- i. A number of studies have shown that high levels of physical stress lead to a weakening of the decision making capabilities of human beings.
- ii. It has been convincingly demonstrated by various studies that human beings by nature are not designed to adapt to high levels of mental stress.
- iii. Numerous studies have shown that simulated environments can be designed to be good substitutes for real life combat situations.
- iv. Studies have shown that simulated exercises for armed forces personnel have tended to induce a systematic type of “correct” and common behaviour among the trainees.
- v. Officers, when short-listing soldiers for critical operations, pick up battle-hardened soldiers rather than those who have been trained through simulations.

A i and iv

B i and v

C ii and iii

D ii and iv

Correct Answer A

Marks 1

53

Question Description

Find out the missing number in the given grid

8	3	4
7	6	1
2	4	?
13	5	4

A

2

B

1

C

3

D

4

Correct Answer

B

Marks

1

54

Question Description

21, 34, 55, 89, 144, ?, 377

A

199

B

233

C

220

D

241

Correct Answer

B

Marks

1

Question Description

In each of the questions below are given three statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from commonly known facts.

Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Some buses are horses.

All horses are goats.

All goats are dogs.

Conclusions:

- I. Some dogs are buses.
- II. Some dogs are horses
- III. Some dogs are goats.
- IV. Some buses are goats.

A

All follow

B

Only I and II follow

C

Only II and III follow

D

Only III and IV follow

Correct Answer

A

Marks

1

Question Description

In the following question a statement is followed by two assumptions numbered I and II. An assumption is something that supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Statement:

It is not true that the mightiest superpower always win wars and get accolades from other countries.

Assumptions:

- I. Winners are sometimes admired and appreciated.
- II. Winners are occasionally criticized.

A

Give answer (A) if only assumption I is implicit

B

Give answer (B) if only assumption II is implicit

C

Give answer (C) if either assumption I nor II is implicit

D

Give answer (D) if neither assumption I nor II is implicit.

Correct Answer**C****Marks****1**

57

Question Description

Six pairs of shoes cost as much as 1 coat, 2 pairs of jeans cost as much as 3 pairs of shoes and 4 pairs of socks cost as much as one pair of jean. How many coats should be exchanged for 64 pairs of socks?

A

4

B

8

C

2

D

3

Correct Answer

A

Marks

1

58

Question Description

In each question given below a statement is followed by three Courses of action numbered I, II and III. A course of action is a step or administrative decision to be taken for improvement follow up or further action in regard to the problem, policy etc. on the basis of the information given in the statement. You have to assume everything in the statement to be true, then decide which of the three given/suggested Courses of action logically follows for pursuing and decide the answer.

Statement:

The Company 'X' has rejected first lot of values supplied by Company 'A' and has cancelled its entire huge order quoting use of inferior quality material and poor craftsmanship.

Courses of action:

(I) The Company 'A' needs to investigate functioning of its purchase, production and quality control departments.

(II) The Company 'A' should inspect all the valves rejected by Company 'X'.

(III) The Company 'A' should inform Company 'X' that steps have been taken for improvement and renegotiate schedule of supply.

A

Only I and II

B

Only II

C

All I, II and III

D

II and either I or III

Correct Answer

A

Marks

1

59

Question Description

Mathematics allows us to expand our consciousness. Mathematics tells us about economic trends, patterns of disease, and the growth of populations. Math is good at exposing the truth, but it can also perpetuate misunderstandings and untruths. Figures have the power to mislead people.

This paragraph best supports the statement that

A

the study of mathematics is dangerous.

B

the study of mathematics is more important than other disciplines.

C

the power of numbers is that they cannot lie.

D

figures are sometimes used to deceive people.

Correct Answer

D

Marks

1

60	Question Description	It takes 1.5 liters of soap solution to wash a square meter of ceiling and 0.5 liters of soap solution to wash a square meter of wall. Glen's room is 4 meters high and each wall is 5 meters wide. There is one 4 square meter window and a 9 square meter door. How much soap solution will Glen need to wash the 4 walls of the room and the ceiling, assuming that he does not wash the door or a window?
	A	67 liters
	B	33.5 liters
	C	71 liters
	D	None of the above
	Correct Answer	C
	Marks	1
61	Question Description	Look at this series: XXIV, XX, __, XII, VIII, ... What number should fill the blank?
	A	XXII
	B	XIII
	C	XVI
	D	IV
	Correct Answer	C
	Marks	1

62

Question Description

Complete the pattern below from the given choices



A



B



C



D

**Correct Answer**

B

Marks

1

63

Question Description

Which word is a necessary part of the word “school”

A

Student

B

Grade

C

Exam

D

Learning

Correct Answer

A

Marks

1

64	Question Description	Look at this series: 72, 76, 73, 77, 74, __, 75, What number should fill the blank?
	A	70
	B	71
	C	75
	D	78
	Correct Answer	D
	Marks	1

65	Question Description	Pointing to a photograph of a boy Mr. Jack said, "He is the son of the only son of my mother." How is Mr.Jack related to that boy?
	A	Brother
	B	Uncle
	C	Cousin
	D	Father
	Correct Answer	D
	Marks	1

66

Question Description

Each question consists of five statements followed by options consisting of three statements put together in a specific order. Choose the option, which indicates a valid argument, that is, where the third statement is a conclusion drawn from the preceding two statements.

- A. Apples are not sweets.
- B. Some apples are sweet.
- C. All sweets are tasty.
- D. Some apples are not tasty.
- E. No apple is tasty.

A CEA

B BDC

C CBD

D EAC

Correct Answer D

Marks 1

67

Question Description

A car race was scheduled to start at 5.10 pm. The start of the race was delayed by 10 minutes. The first car to cross the finish line took one hour 15 minutes, after the race began. The second car to reach the finish line took 15 more minutes. At what time did the car in the second position cross the finish line?

A

6.55 pm

B

7.05 pm

C

6.50 pm

D

7.00 pm

Correct Answer

C

Marks

1

Question Description

Question contains four arguments of three sentences each. Choose the set in which the third statement is a logical conclusion of the first two.

- A. Some icicles are cycles. All cycles are men. Some icicles are men.
- B. All girls are teeth. No teeth is yellow. No girls are yellow.
- C. No hand is foot. Some foot are heads. Some hands are heads.
- D. Every man has a wife. All wives are devoted. No devoted has a husband.

A

A, B and C

B

A and B

C

C and B

D

A, B and C and D

Correct Answer

B

Marks

1

69

Question Description

Read the passages given below and answer the questions that follow.

Deepa Metha's Fire is under fire from the country's self-appointed moral police. Their contention is that the film is a violation of the Indian cultural mores and cannot be allowed to influence the Indian psyche. According to them, such films ruin the moral fabric of the nation, which must be protected and defended against such intrusions at all cost, even at the cost of cultural dictatorship.

Based on the information in the above passage, it can be inferred that

A

The assumption underlying the moral police's critique of Fire is that the Indian audience is vulnerable to all types of influence.

B

The assumption underlying the moral police's critique of Fire is that the Indian audience is impressionable and must be protected against 'immoral' influences.

C

The moral police thinks it has the sole authority to pass judgement on films screened in India.

D

None of these

Correct Answer**B****Marks****1**

70

Comprehension

Answer the questions based on the following information.

Ten coins are distributed among four people P, Q, R and S such that one of them gets one coin, another gets two coins, the third gets three coins and the fourth gets four coins. It is known that Q gets more coins than P, and S gets fewer coins than R.

Question Description

If the number of coins distributed to Q is twice the number distributed to P, then which one of the following is necessarily true?

A

R gets an even number of coins.

B

R gets an odd number of coins.

C

S gets an even number of coins.

D

S gets an odd number of coins.

Correct Answer

D

Marks

1

71

Comprehension

Answer the questions based on the following information.

Ten coins are distributed among four people P, Q, R and S such that one of them gets one coin, another gets two coins, the third gets three coins and the fourth gets four coins. It is known that Q gets more coins than P, and S gets fewer coins than R.

Question Description

If R gets at least two more coins than S, then which one of the following is necessarily true?

A

Q gets at least two more coins than S.

B

Q gets more coins than S.

C

P gets more coins than S.

D

P and Q together get at least five coins.

Correct Answer

B

Marks

1

72

Comprehension

Answer the questions based on the following information.

Ten coins are distributed among four people P, Q, R and S such that one of them gets one coin, another gets two coins, the third gets three coins and the fourth gets four coins. It is known that Q gets more coins than P, and S gets fewer coins than R.

Question Description

If Q gets fewer coins than R, then which one of the following is not necessarily true?

A

P and Q together get at least four coins.

B

Q and S together get at least four coins.

C

R and S together get at least five coins.

D

P and R together get at least five coins.

Correct Answer

A

Marks

1

73

Comprehension

7 friends - Amar, Bablu, Chintu, Dawood, Emraan, Farza and Gautam - are sitting in a straight line facing North. Further:

1. Dawood and Bablu are sitting beside each other.
2. Amar and Emraan have two people in between them.
3. Dawood is not an immediate neighbour of either Chintu or Gautam.
4. Neither Chintu nor Gautam sits at the extreme ends.
5. Third to the left of Gautam sits Chintu.
6. Exactly one person sits between Emraan and Chintu.

Question Description

Who sits to the left of Emraan?

A

Chintu

B

Bablu

C

Farza

D

Gautam

Correct Answer

C

Marks

1

74

Comprehension

7 friends - Amar, Bablu, Chintu, Dawood, Emraan, Farza and Gautam - are sitting in a straight line facing North. Further:

1. Dawood and Bablu are sitting beside each other.
2. Amar and Emraan have two people in between them.
3. Dawood is not an immediate neighbour of either Chintu or Gautam.
4. Neither Chintu nor Gautam sits at the extreme ends.
5. Third to the left of Gautam sits Chintu.
6. Exactly one person sits between Emraan and Chintu.

Question Description

Who among the following sits in the extreme end?

A

Farza

B

Dawood

C

Emraan

D

Bablu

Correct Answer

B

Marks

1

75

Comprehension

7 friends - Amar, Bablu, Chintu, Dawood, Emraan, Farza and Gautam - are sitting in a straight line facing North. Further:

1. Dawood and Bablu are sitting beside each other.
2. Amar and Emraan have two people in between them.
3. Dawood is not an immediate neighbour of either Chintu or Gautam.
4. Neither Chintu nor Gautam sits at the extreme ends.
5. Third to the left of Gautam sits Chintu.
6. Exactly one person sits between Emraan and Chintu.

Question Description

How many people sit in between Chintu and Dawood?

A

0

B

1

C

2

D

4

Correct Answer

D

Marks

1