

Computer Based Examination System

Exported On *	2024/12/23 8:20:58
Title *	Question Paper Answer Key
OES Exam *	GPSC04202403 / Assistant Director / Completed / 2024-12-21

1	Question Description	Which of the following best describes a systematic review in the context of research documentation?
	A	An analysis of the strengths and weaknesses of existing research
	B	A summary of personal opinions on a specific topic
	C	A comprehensive synthesis of research findings from multiple studies using a predefined methodology
	D	A narrative description of a single study's results
	E	None of the above
	Correct Answer	C
	Marks	1

2	Question Description	Which method is most effective for ensuring resource allocation aligns with the priorities of a science symposium?
	A	Distributing resources equally across all activities
	B	Prioritizing resource allocation based on the potential impact of each activity
	C	Allocating resources solely to the main event
	D	Reducing the budget for less critical activities
	E	None of the above
	Correct Answer	B
	Marks	1

3	Question Description	What is the primary environmental benefit of implementing a circular economy model in waste management?
	A	Increased production of single-use plastics
	B	Reduction in the extraction of raw materials
	C	Increased reliance on fossil fuels
	D	Decreased recycling rates
	E	None of the above
	Correct Answer	B
	Marks	1

4

Question Description	In structural engineering, which factor is critical for determining the stability of a retaining wall subjected to lateral earth pressure?
A	The height of the wall
B	The density of the retaining material
C	The angle of internal friction of the soil
D	The width of the base
E	None of the above
Correct Answer	C
Marks	1

5

Question Description	In air pollution control, what is the primary mechanism by which electrostatic precipitators (ESPs) remove particulate matter from exhaust gases?
A	Filtration
B	Gravity settling
C	Electrostatic attraction
D	Chemical absorption
E	None of the above
Correct Answer	C
Marks	1

6

Question Description	Which national policy initiative focuses on reducing waste generation at the source and promoting the principles of reduce, reuse, and recycle?
A	Extended Producer Responsibility (EPR)
B	Solid Waste Management Rules, 2016
C	Plastic Waste Management Rules, 2016
D	E-Waste Management Rules, 2016
E	None of the above
Correct Answer	A
Marks	1

7	Question Description	What is the primary purpose of using shear reinforcement (stirrups) in reinforced concrete beams?
	A	To resist axial tension
	B	To increase the flexural capacity of the beam
	C	To improve the bond between concrete and steel
	D	To resist shear forces and prevent diagonal cracking
	E	None of the above
	Correct Answer	D
	Marks	1

8	Question Description	What is the main environmental benefit of composting organic waste compared to landfilling?
	A	Composting generates methane
	B	Composting reduces greenhouse gas emissions
	C	Composting increases soil erosion
	D	Composting requires more land
	E	None of the above
	Correct Answer	B
	Marks	1

9	Question Description	What is the primary challenge in implementing blockchain technology for secure data transmission in IoT networks?
	A	low Scalability and processing speed / performance
	B	Lack of interoperability standards
	C	High energy consumption
	D	Inadequate data storage capacity
	E	None of the above
	Correct Answer	A
	Marks	1

10	Question Description	Which of the following mechanisms primarily contributes to the strengthening of alloys through solid solution strengthening?
	A	Grain boundary refinement
	B	Precipitation hardening
	C	Formation of dislocation loops
	D	Distortion of the crystal lattice
	E	None of the above
	Correct Answer	D
	Marks	1

11

Question Description	Which recent research project in Maharashtra focuses on the development of smart scaffolds for treating chronic wounds in diabetes patients?
A	Development of enhanced heat pipes
B	Design of smart scaffolds incorporating nano-bioactive molecules
C	Modelling forest phenological parameters
D	Cognitive neuroscience techniques
E	None of the above
Correct Answer	B
Marks	1

12	Question Description	What is the significance of the Revised Solid Waste Management Policy for the State of Goa formulated in 2024?
	A	It focuses on increasing tourism revenue
	B	It aims to provide financial assistance to local bodies to remove waste
	C	It emphasizes waste prevention, reduction, reuse, recovery, and recycling
	D	It promotes the use of renewable energy sources
	E	None of the above
	Correct Answer	C
	Marks	1

13	Question Description	What role does climate change play in the management of hazardous waste?
	A	It reduces the volume of hazardous waste generated
	B	It increases the risk of hazardous waste spills and leaks due to extreme weather events
	C	It simplifies the transportation of hazardous waste
	D	It decreases the need for hazardous waste treatment facilities
	E	None of the above
	Correct Answer	B
	Marks	1

14

Question Description	Which of the following innovative materials is known for its self-healing properties and is increasingly being used in construction to enhance the longevity of structures?
A	Carbon fibre reinforced polymer
B	Graphene
C	Self-healing concrete
D	Aerogel
E	None of the above
Correct Answer	C
Marks	1

15

Question Description	Which research initiative in Goa focuses on developing sustainable solutions to combat beach erosion through nature-based interventions?
A	Deltares Study
B	GSRF IRIS-LD Scheme
C	NCSCM Coastal Management Program
D	ISRO Coastal Monitoring Project
E	None of the above
Correct Answer	A
Marks	1

16

Question Description	Which of the following crystallographic defects can significantly influence the mechanical properties of metallic materials by hindering dislocation motion?
A	Point defects
B	Grain boundaries
C	Screw dislocations
D	Vacancy clusters
E	None of the above
Correct Answer	B
Marks	1

17

Question Description	Which of the following waste generation rates is most indicative of a high-income urban area compared to a low-income rural area?
A	0.5 kg/capita/day
B	1.6 kg/capita/day
C	3.0 kg/capita/day
D	0.8 kg/capita/day
E	None of the above
Correct Answer	B
Marks	1

18

Question Description	In the context of soil remediation, what is the main advantage of using phytoremediation over traditional methods?
A	Rapid degradation of contaminants
B	Lower cost and minimal environmental disturbance
C	High efficiency in removing heavy metals
D	Complete mineralization of organic pollutants
E	None of the above
Correct Answer	B
Marks	1

19

Question Description	Which company revolutionized the e-commerce industry by pioneering the concept of a customer-centric marketplace with a vast selection of products and efficient delivery systems?
A	eBay
B	Amazon
C	Alibaba
D	Flipkart
E	None of the above
Correct Answer	B
Marks	1

20

Question Description	Which of the following best describes the role of R&D in fostering disruptive innovation within an industry?
A	Enhancing existing products and processes
B	Incrementally improving efficiency and productivity
C	Developing breakthrough technologies that create new markets
D	Reducing operational costs through automation
E	None of the above
Correct Answer	C
Marks	1

21

Question Description	Which of the following polymers is known for its high impact resistance and is commonly used in applications requiring toughness, such as in automotive bumpers?
A	Polyvinyl Chloride (PVC)
B	Polystyrene (PS)
C	Polycarbonate (PC)
D	Polyethylene Terephthalate (PET)
E	None of the above
Correct Answer	C
Marks	1

22

Question Description	Which advanced technology is most effective for the biological treatment of organic waste, particularly in reducing methane emissions?
A	Incineration
B	Anaerobic digestion
C	Gasification
D	Landfilling with gas capture
E	None of the above
Correct Answer	B
Marks	1

23

Question Description	Which greenhouse gas, primarily produced from organic waste decomposition in landfills, has a global warming potential 25 times greater than carbon dioxide over a 100-year period?
A	Methane (CH ₄)
B	Nitrous Oxide (N ₂ O)
C	Carbon Dioxide (CO ₂)
D	Ozone (O ₃)
E	None of the above
Correct Answer	A
Marks	1

24

Question Description	What is the main advantage of adopting an open innovation model in R&D?
A	Increased confidentiality of proprietary technologies
B	Enhanced control over the innovation process
C	Greater access to external knowledge and resources
D	Simplified project management
E	None of the above
Correct Answer	C
Marks	1

25

Question Description	Which initial step is crucial for the successful organization of a science fair to ensure clear objectives and resource alignment?
A	Selecting a venue
B	Formulating a detailed project plan with goals and outcomes
C	Marketing the event to potential attendees
D	Recruiting volunteers
E	None of the above
Correct Answer	B
Marks	1

26

Question Description	In the field of renewable energy, what is the primary advantage of using perovskite solar cells over traditional silicon-based solar cells?
A	Higher efficiency in energy conversion
B	Lower manufacturing/production costs
C	Greater flexibility and lightweight design
D	Longer lifespan
E	None of the above
Correct Answer	B
Marks	1

27	Question Description	Which emerging technology in mechanical engineering involves the use of digital twins to optimize the design, production, and performance of machinery?
	A	Additive manufacturing
	B	Internet of Things (IoT)
	C	Digital twin technology
	D	Blockchain
	E	None of the above
	Correct Answer	C
	Marks	1
28	Question Description	What is the significance of the 'Polluter Pays Principle' as embodied in Indian environmental law?
	A	It mandates that polluters bear the costs of pollution prevention and control measures
	B	It requires the government to subsidize pollution control technologies
	C	It promotes polluter in environmental decision-making
	D	It encourages the use of renewable energy sources
	E	None of the above
	Correct Answer	A
	Marks	1

29	Question Description	What is the primary purpose of the "Tell-Show-Tell" method in technical presentations?
	A	To reduce the length of the presentation
	B	To engage the audience by telling, showing, and reiterating key points
	C	To introduce technical jargon gradually
	D	To avoid using visual aids
	E	None of the above
	Correct Answer	B
	Marks	1

30	Question Description	Which of the following waste recycling techniques is most effective for recovering valuable materials from electronic waste (e-waste)?
	A	Incineration
	B	Landfilling
	C	Pyrolysis
	D	Material Recovery Facilities (MRFs)
	E	None of the above
	Correct Answer	D
	Marks	1

31

Comprehension

Read the following Passage and answer the questions

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 synonym of the word “invaluable” can be identified as -----.

A

enrichment

B

priceless

C

wealth

D

enhancement

E

None of the above

Correct Answer

B

Marks

1

32

Comprehension

Read the following Passage and answer the questions

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 word or phrase in the passage that underscores the decisive or critical presence of language in human life, that shapes communication and creativity

A central role

B primary role

C crucial factor

D priceless heritage

E None of the above

Correct Answer C

Marks 1

Comprehension

Read the following Passage and answer the questions

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 option that comes closest in meaning to the word “indispensable” as used in the passage

A

conducive

B

absolutely necessary

C

priceless

D

requisite

E

None of the above

Correct Answer

B

Marks

1

34

Comprehension

Read the following Passage and answer the questions

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

E

None of the above

Correct Answer

B

Marks

1

Comprehension

Read the following Passage and answer the questions

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 critically affected because

A

its mode of expressing relationship with nature is snapped

B

human creativity is hampered

C

it is overall culturally impoverished

D

its oral lore is lost

E

None of the above

Correct Answer

C

Marks

1

36

Comprehension

Read the Following Passage and answer the questions below:

If we are to think and feel rightly in the new world of science and machines, we must learn to fix our thoughts on other than on this or that section of human race. Unification, political and economic, has been made more possible, and also more necessary by modern technique. There is no longer any need for poverty anywhere in the world. Enmities which once had some biological justifications are now nothing but a survival in the machine age of habits of thought and feeling that belong to past ages of inevitable scarcity. It is now possible for one man's sustenance, provided men can learn to co-operate rather than to compete. The trouble in the world arises from the fact that people still have restrictive and competitive ways of thinking which belong to the ages of scarcity.

Question Description

In the given context of this passage, the phrase "modern technique" implies

A

thinking and feeling right

B

the world of science and machines

C

modern use of machines

D

present methods of scientific intervention

E

None of the above

Correct Answer

D

Marks

1

37

Comprehension	<p>Read the Following Passage and answer the questions below:</p> <p>If we are to think and feel rightly in the new world of science and machines, we must learn to fix our thoughts on other than on this or that section of human race. Unification, political and economic, has been made more possible, and also more necessary by modern technique. There is no longer any need for poverty anywhere in the world. Enmities which once had some biological justifications are now nothing but a survival into the machine age of habits of thought and feeling that belong to past ages of inevitable scarcity. It is now possible for one man's sustenance, provided men can learn to co-operate rather than to compete. The trouble in the world arises from the fact that people still have restrictive and competitive ways of thinking which belong to the ages of scarcity.</p>
Question Description	<p>Read the following statements carefully and state whether they are true or false on the basis of the given passage:</p> <p>(i) In the past deprivation caused enmities on the basis of race and gender (ii) Today they continue to exist due to mental and psychological conditioning</p>
A	both the statements (i) and (ii) are true
B	both the statements (i) and (ii) are false
C	Statement (i) is true; but statement (ii) is false
D	Statement (i) is false; but statement (ii) is true
E	None of the above
Correct Answer	A
Marks	1

Comprehension	<p>Read the Following Passage and answer the questions below:</p> <p>If we are to think and feel rightly in the new world of science and machines, we must learn to fix our thoughts on other than on this or that section of human race. Unification, political and economic, has been made more possible, and also more necessary by modern technique. There is no longer any need for poverty anywhere in the world. Enmities which once had some biological justifications are now nothing but a survival int the machine age of habits of thought and feeling that belong to past ages of inevitable scarcity. It is now possible for one man’s sustenance, provided men can learn to co-operate rather than to compete. The trouble in the world arises from the fact that people still have restrictive and competitive ways of thinking which belong to the ages of scarcity.</p>
Question Description	From the options given below, identify a word in the passage that gives the sense of something that is not avoidable
A	scarcity
B	enmity
C	inevitable
D	poverty
E	None of the above
Correct Answer	C
Marks	1

Comprehension

Read the Following Passage and answer the questions below:

If we are to think and feel rightly in the new world of science and machines, we must learn to fix our thoughts on other than on this or that section of human race. Unification, political and economic, has been made more possible, and also more necessary by modern technique. There is no longer any need for poverty anywhere in the world. Enmities which once had some biological justifications are now nothing but a survival in the machine age of habits of thought and feeling that belong to past ages of inevitable scarcity. It is now possible for one man's sustenance, provided men can learn to co-operate rather than to compete. The trouble in the world arises from the fact that people still have restrictive and competitive ways of thinking which belong to the ages of scarcity.

Question Description

In the new world of science and machines, our thoughts need to focus on

A

modern humanity as a whole

B

other than on this or that section of humanity

C

on human race since time immemorial

D

modern science and machines

E

None of the above

Correct Answer

A

Marks

1

Comprehension

Read the Following Passage and answer the questions below:

If we are to think and feel rightly in the new world of science and machines, we must learn to fix our thoughts on other than on this or that section of human race. Unification, political and economic, has been made more possible, and also more necessary by modern technique. There is no longer any need for poverty anywhere in the world. Enmities which once had some biological justifications are now nothing but a survival in the machine age of habits of thought and feeling that belong to past ages of inevitable scarcity. It is now possible for one man's sustenance, provided men can learn to co-operate rather than to compete. The trouble in the world arises from the fact that people still have restrictive and competitive ways of thinking which belong to the ages of scarcity.

Question Description

As per the given passage, in the present day, the world still faces problems because human beings in general are

A

either cooperative or restrictive

B

hardly competitive but quite cooperative

C

both restrictive and competitive

D

neither cooperative nor competitive

E

None of the above

Correct Answer

C

Marks

1

41

Question Description	Which city was awarded the "World Craft City" title by the World Crafts Council (WCC)?
A	Jaipur
B	Lucknow
C	Srinagar
D	Ahmedabad
E	None of the above
Correct Answer	C
Marks	1

42

Question Description	Which Indian state launched the 'Mission Arun Himveer' to enhance market linkages for local agricultural and horticultural producers in December 2024?
A	Maharashtra
B	Arunachal Pradesh
C	Gujarat
D	Punjab
E	None of the above
Correct Answer	B
Marks	1

43

Question Description

On which date is Armed Forces Flag Day observed annually in India?

A

December 7

B

December 15

C

January 26

D

August 15

E

None of the above

Correct Answer

A

Marks

1

44	Question Description	Who was elected as the new Speaker of the Maharashtra Legislative Assembly in December 2024?
	A	Rahul Narwekar
	B	Ajit Pawar
	C	Devendra Fadnavis
	D	Uddhav Thackeray
	E	None of the above
	Correct Answer	A
	Marks	1

45	Question Description	Which company delivered the second Drishti-10 Starliner drone to the Indian Navy for maritime security?
	A	Adani Defence
	B	Hindustan Aeronautics Limited
	C	Tata Advanced Systems
	D	Bharat Electronics Limited
	E	None of the above
	Correct Answer	A
	Marks	1

46	Question Description	Which Indian city hosted the Ashtalakshmi Mahotsav, a cultural celebration of Northeast India's diversity, from December 6th to 8th, 2024?
	A	Mumbai
	B	Delhi
	C	Kolkata
	D	Bangalore
	E	None of the above
	Correct Answer	B
	Marks	1
47	Question Description	Which country is set to host the inaugural Kho Kho World Cup from January 13 to 19, 2025?
	A	Sri Lanka
	B	Bangladesh
	C	Indonesia
	D	India
	E	None of the above
	Correct Answer	D
	Marks	1

48	Question Description	Who was appointed as the new President of the Asian Cricket Council in December 2024?
	A	Jay Shah
	B	Shammi Silva
	C	Anurag Thakur
	D	Sourav Ganguly
	E	None of the above
	Correct Answer	B
	Marks	1

49	Question Description	What initiative did Goa launch to promote sustainable energy?
	A	Goem Vinamulya Vij Yevjan
	B	OPEN platform
	C	amcho Vij Project
	D	INDUS-X energy Summit
	E	None of the above
	Correct Answer	A
	Marks	1

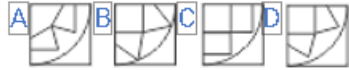
50

Question Description	Who has been nominated by Donald Trump to lead the FBI?
A	Jay Bhattacharya
B	Kash Patel
C	Vivek Ramaswamy
D	Preet Bharara
E	None of the above
Correct Answer	B
Marks	1

51

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

52

Question Description

Mrs. Jansen recently moved to Arizona. She wants to fill her new backyard with flowering plants. Although she is an experienced gardener, she isn't very well-versed in what plants will do well in the Arizona climate. Also, there is a big tree in her backyard making for shady conditions and she isn't sure what plants will thrive without much direct sunlight. Her favorite gardening catalog offers several backyard seed packages. Which one should Mrs. Jansen choose?

A

The Rainbow Collection is ideal for North-east gardens. It includes a variety of colorful perennials that thrive in cool, moist conditions.

B

The Greenhouse Collection will blossom year after year if planted in brightly lit locations and watered regularly.

C

The Treehouse Collection will provide lush green plants with delicate colorful flowers that thrive in shady and partially shady locations.

D

The Oasis Collection includes a variety of perennials that thrive in dry climates and bright sunlight.

E

None of the above

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

1

53

Question Description	Find the word that names a necessary part of the underlined word <u>vibration</u>
A	motion
B	electricity
C	science
D	sound
E	None of the above
Correct Answer	A
Marks	1

54

Question Description

Choose the correct water image of the given figure (X) from amongst the four alternatives.



(x)



(1)



(2)



(3)



(4)

A

1

B

2

C

3

D

4

E

None of the above

Correct Answer

D

Marks

1

55

Question Description	If 'P X Q' means 'P is the mother of Q', 'P + Q' means 'Q is the sister of P' and 'P - Q' means 'P is the daughter of Q', then how will 'A is the aunt of B' be denoted? (Take A, B and C as three variables)
A	$B + A - C$
B	$A \times C - B$
C	$C - B + A$
D	$B - C + A$
E	None of the above
Correct Answer	D
Marks	1

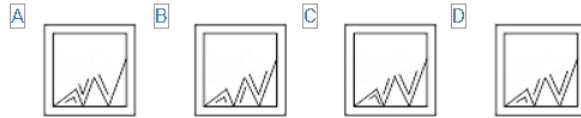
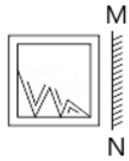
56

Question Description	Two pipes A and B together can fill a cistern in 4 hours. Had they been opened separately, then B would have taken 6 hours more than A to fill the cistern. How much time will be taken by A to fill the cistern separately?
A	1 hour
B	2 hours
C	6 hours
D	8 hours
E	None of the above
Correct Answer	C
Marks	1

57

Question Description

Directions: A mirror is placed on the line MN, and then which of the Answer Figures is the right image of the given Question Figure?



A

A

B

B

C

C

D

D

E

None of the above

Correct Answer

D

Marks

1

58

Question Description

The words in the bottom row are related in the same way as the words in the top row. For each item, find the word that completes the bottom row of words.

daisy flower plant

bungalow house ?

A

building

B

cottage

C

apartment

D

city

E

None of the above

Correct Answer

A

Marks

1

59

Question Description

Select the missing number from the given alternatives:

38	54	61	79
21	?	12	24
19	09	14	?

A 18, 46 B 28, 51 C 42, 62 D 18, 44

A A

B B

C C

D D

E None of the above

Correct Answer D

Marks 1

60

Question Description

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

Input: always begin from bottom mount high

Step I: aabdho eimty inou ggnooy gmnou isst

Step II: 3 44 31 23 2 49

Step III: 48 18 72

Step IV: 3 9

Step V: 144

Step V is the last step of the arrangement.

Following the same pattern solve the given input.

Input: fear creates demons only hope defeat

What will be the value obtained in final step of the arrangement?

A 36

B 26

C 81

D 49

E None of the above

Correct Answer C

Marks 1

61

Question Description

The words in the bottom row are related in the same way as the words in the top row. For each item, find the word that completes the bottom row of words

honeybee angel bat

kangaroo rabbit ?

A

mermaid

B

possum

C

grasshopper

D

sprinter

E

None of the above

Correct Answer

C

Marks

1

Question Description

In each of the following questions, two statements numbered I and II are given. There may be cause and effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Read both the statements in each question and mark your answer

Statements:

- I. India has surpassed the value of tea exports this year over all the earlier years due to an increase in demand for quality tea in the European market.
- II. There is an increase in demand of coffee in the domestic market during the last two years.

A Statement I is the cause and statement II is its effect

B Statement II is the cause and statement I is its effect

C Both the statements I and II are independent causes

D Both the statements I and II are effects of independent causes

E None of the above

Correct Answer C

Marks 1

63

Question Description

Read the below passage carefully and answer the questions:

Some groups want to outlaw burning the flag. They say that people have fought and died for the flag and that citizens of the United States ought to respect that. But I say that respect cannot be leg-islated. Also, most citizens who have served in the military did not fight for the flag, they fought for what the flag represents. Among the things the flag represents is freedom of speech, which includes, I believe, the right for a citizen to express displeasure with the government by burning the flag in protest.

Which of the following is similar to the argument made by the speaker?

A

The rich should not be allowed to "buy" politicians, so the Congress should enact campaign finance reform.

B

The idea of freedom of religion also means the right not to participate in religion, so mandated school prayer violates freedom of religion.

C

The Constitution guarantees freedom to own property, so taxes should be illegal.

D

Convicted felons should not have their convictions overturned on a technicality.

E

None of the above

Correct Answer

B

Marks

1

64

Question Description

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

16 : 36 :: 64 : ?

A

4

B

6

C

8

D

100

E

None of the above

Correct Answer

D

Marks

1

65

Question Description

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

Eight persons – Sarin, Rahi, Akasa, Pavi, Preet, Gunjan, Taran and Namya belong to a family which consists of three generations and two married couples.

Preet is the sister of only son of Akasa. Pavi is the daughter in law of Sarin. Rahi is the mother of Akasa. Sarin is the grandfather of Taran who is the daughter of Pavi. Namya is the maternal uncle of Gunjan.

Four of the following five are alike in some way and hence form a group. Which of the following is the one that does not belong to the group?

A Sarin, Preet

B Akasa, Taran

C Pavi, Namya

D Rahi, Preet

E None of the above

Correct Answer

D

Marks

1

66

Question Description

Select the missing number from the given alternatives:

13		16

11		8

9		7

4		6

15		2

5		6

A

48

B

143

C

58

D

128

E

None of the above

Correct Answer

A

Marks

1

67

Question Description

Directions: Study the following questions carefully and choose the right answer:
Statement : “Present-day education is in a shambles and the country is going to the dogs.”

Assumptions :I. A good education system is essential for the well-being of a nation.

II. A good education alone is sufficient for the well-being of a nation.

A if only assumption I is implicit

B if only assumption II is implicit

C if either I or II is implicit

D if neither I nor II is implicit

E None of the above

Correct Answer A

Marks 1

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.

Six batsmen are doing net practice on six days of a week starting from Monday to Saturday. Only one player practises on one day. Dhoni practises on which day?

Statement I: Virat practises just before Dhoni, who is not the last one to practice. Rohit practises on the first day of the week immediately followed by Shikhar.

Statement II: Rohit and Virat practise at a gap of one day such that Rohit practises on Monday. Dhoni practises just before Rahul.

- | | |
|-----------------------|---|
| 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 statement I and statement II together are not sufficient to answer the question. |
| E | None of the above |
| Correct Answer | D |
| Marks | 1 |

69

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.

8 : 39 :: 72 : ?

A

64

B

312

C

351

D

300

E

None of the above

Correct Answer

C

Marks

1

70

Question Description	A father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:
A	14 years
B	19 years
C	33 years
D	38 years
E	None of the above
Correct Answer	A
Marks	1

71

Question Description

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

Statement: The sale of a particular product has gone down considerably causing great concern to the company.

Courses of action:

I. The company should make a proper study of rival products in the market.

II. The price of the product should be reduced and quality improved.

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

A

Marks

1

72	Question Description	It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?
	B	Saturday
	C	Friday
	D	Wednesday
	E	None of the above
	Correct Answer	C
	Marks	1
73	Question Description	A man's speed with the current is 15 km/hr and the speed of the current is 2.5 km/hr. The man's speed against the current is:
	A	8.5 km/hr
	B	9 km/hr
	C	10 km/hr
	D	12.5 km/hr
	E	None of the above
	Correct Answer	C
	Marks	1

74

Question Description

Here are some words translated from an artificial language.

migenlasan means cupboard

lasanpoen means boardwalk

cuopdansa means pullman

Which word could mean "walkway"?

A

poenmigen

B

lasandansa

C

cuopeisel

D

poenforc

E

None of the above

Correct Answer

D

Marks

1

75

Question Description	Find missing number 3, 7, 6, 5, 9, 3, 12, 1, 15, (...)
A	18
B	13
C	-1
D	3
E	None of the above
Correct Answer	C
Marks	1