

Computer Based Examination System

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Title *	Question Paper Answer Key
OES Exam *	GPSC09202118 / Assistant Professors in Government College in Botany/ Completed / 2022-06-26

1	<b>Question Description</b>	The enzyme has an active site which _____.
	<b>A</b>	Fits the substrate exactly
	<b>B</b>	Fits the transition state
	<b>C</b>	May contain hydrogen bonds which are covalent
	<b>D</b>	Both (B ) and (C)
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

2	<b>Question Description</b>	Hyphal coils within the cortex cells are formed in _____.
	<b>A</b>	<i>Ericoid mycorrhiza</i>
	<b>B</b>	<i>Ectomycorrhiza</i>
	<b>C</b>	<i>Orchid mycorrhiza</i>
	<b>D</b>	<i>Arbuscular mycorrhiza</i>
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

3	<b>Question Description</b>	Chlorophyll D is present in
	<b>A</b>	All the members of Florideophyceae
	<b>B</b>	Only in some members Florideophyceae
	<b>C</b>	All the members Bangiophycideae
	<b>D</b>	Only in some members of Bangiophycideae
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

4	<b>Question Description</b>	While describing a new species in 2019, the author neither mentioned the holotype nor referred to any specimens. How the published name will be treated according to the code?
	<b>A</b>	Illegitimate name
	<b>B</b>	Invalid name
	<b>C</b>	New name
	<b>D</b>	Superfluous name
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

5	<b>Question Description</b>	Gametes are never hybrid. This is a statement of
	<b>A</b>	law of dominance
	<b>B</b>	law of independent assortment
	<b>C</b>	law of segregation
	<b>D</b>	law of random fertilization
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

6

**Question Description** What will be the direction of the flow of water when a plant cell is placed in a hypotonic solution?

**A** Water will flow in both direction

**B** Water will flow into the cell

**C** Water will flow out of the cell

**D** There will be no flow as the cell will be at equilibrium

**E** None of the above

**Correct Answer** B

**Marks** 1

7

**Question Description** X-ray causes mutations by

**A** deletion

**B** transition

**C** transversion

**D** duplication

**E** None of the above

**Correct Answer** A

**Marks** 1

8

<b>Question Description</b>	The hormone involved in breaking dormancy of winter buds is _____
<b>A</b>	Ethylene
<b>B</b>	Gibberellin
<b>C</b>	Auxin
<b>D</b>	Cytokinin
<b>E</b>	None of the above
<b>Correct Answer</b>	B
<b>Marks</b>	1

9

<b>Question Description</b>	Identify the characters that may indicate to a paleoendemic species
<b>A</b>	Herb, related species around, telocentric chromosomes
<b>B</b>	Herb, sympatric distribution, metacentric chromosomes
<b>C</b>	Tree, related species around, telocentric chromosomes
<b>D</b>	Tree, no related species around, metacentric chromosomes
<b>E</b>	None of the above
<b>Correct Answer</b>	D
<b>Marks</b>	1

10	<b>Question Description</b>	The process takes place in cold humid climate under forest vegetation where leaf litter and other organic matter decompose slowly through fungal activity is called _____.
	<b>A</b>	Gleization
	<b>B</b>	Podsolization
	<b>C</b>	Melanization
	<b>D</b>	Calcification
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

11	<b>Question Description</b>	Haptonema is Present in
	<b>A</b>	Xanthopyceae
	<b>B</b>	Prymnesiophyceae
	<b>C</b>	Bacillariophyceae
	<b>D</b>	All of the above
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

12	<b>Question Description</b>	Which of the following have high CO <sub>2</sub> compensation point?
	<b>A</b>	C <sub>2</sub> plants
	<b>B</b>	C <sub>3</sub> plants
	<b>C</b>	C <sub>4</sub> plants
	<b>D</b>	Alpine herbs
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
13	<b>Question Description</b>	Water vapors come out from the leaf through the stomatal opening and through the same stomatal opening CO <sub>2</sub> diffuses into the plant. Reason out the above statement using the following statement.
	<b>A</b>	The above process happens only during the nighttime
	<b>B</b>	One process happens only at the night time while the other happens during the day
	<b>C</b>	Both processes can happen together as the diffusion coefficient of H <sub>2</sub> O and CO <sub>2</sub> is the same
	<b>D</b>	Both processes can happen together as the diffusion coefficient of H <sub>2</sub> O and CO <sub>2</sub> is different
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

14	<b>Question Description</b>	DNA replication in plants can occurs in following ways:
	<b>A</b>	Continuous and bidirectional
	<b>B</b>	Continuous and unidirectional
	<b>C</b>	Discontinuous and bidirectional
	<b>D</b>	Discontinuous and unidirectional
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

15	<b>Question Description</b>	Norman Borlaug known as the father of green revolution for his crop improvement work in
	<b>A</b>	paddy
	<b>B</b>	sugarcane
	<b>C</b>	cotton
	<b>D</b>	wheat
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

16	<b>Question Description</b>	Which of the following statement is not correct
	<b>A</b>	ATPase contains extrinsic and intrinsic proteins
	<b>B</b>	RUPB carboxylase is made up of 8 large and 8 small sub units
	<b>C</b>	Sugar and starch synthesis takes place in cytosol and chloroplasts respectively.
	<b>D</b>	Kranz type anatomy is found in CAM and C4 plants.
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

17	<b>Question Description</b>	In both eukaryotes and prokaryotes, a promoter region that is rich in AT bases is called
	<b>A</b>	CATT
	<b>B</b>	Shine Dalgarno region
	<b>C</b>	TATA box
	<b>D</b>	SV40 region
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

18	<b>Question Description</b>	Which of the following statement is not correct
	<b>A</b>	Secondary plant metabolites are essential for plant growth and development
	<b>B</b>	Phytoalexins are phenolic compounds synthesized in response to pathogenic attack
	<b>C</b>	Pyrethroids are terpenes act as insecticides
	<b>D</b>	Salicylic acid act as molecule for systemic acquired resistance
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

19	<b>Question Description</b>	First products of reaction mediated by RUBP carboxylase is?
	<b>A</b>	3-Phosphoglyceraldehyde
	<b>B</b>	3- Phosphoglycerate
	<b>C</b>	Phosphoglyoxylate
	<b>D</b>	1,3-diphosphoglycerate
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

20	<b>Question Description</b>	Bacterial DNA is not cleaved by their own restriction enzymes because bacteria add..... to their own DNA
	<b>A</b>	Nucleotides
	<b>B</b>	Methyl group
	<b>C</b>	Ligase
	<b>D</b>	Phosphate
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

21	<b>Question Description</b>	Which of the following gets conservation priority?
	<b>A</b>	A monotypic genus which is vulnerable
	<b>B</b>	A monotypic genus which is critically endangered
	<b>C</b>	A species which is critically endangered
	<b>D</b>	A species which is near threatened
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

22

<b>Question Description</b>	The whole sequence of the communities that replaces one another in the given area is called _____.
<b>A</b>	Ecesis
<b>B</b>	Segregation
<b>C</b>	Pioneers
<b>D</b>	Sere
<b>E</b>	None of the above
<b>Correct Answer</b>	D
<b>Marks</b>	1

23

<b>Question Description</b>	Which of the following have icosahedral twinned particle structure?
<b>A</b>	Tobacco mosaic virus
<b>B</b>	Geminivirus
<b>C</b>	Bacterophages
<b>D</b>	Influenza virus
<b>E</b>	None of the above
<b>Correct Answer</b>	B
<b>Marks</b>	1

24	<b>Question Description</b>	Assemblage of microtubules parallel to the spindles at the equator of cell at Telophase is a characteristic feature of
	<b>A</b>	All algae
	<b>B</b>	Only in Green algae
	<b>C</b>	Green algae and Charophytes
	<b>D</b>	Green algae and Higher plants
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

25	<b>Question Description</b>	The cooperation of the two photosystems of the chloroplast is required for_____.
	<b>A</b>	ATP synthesis
	<b>B</b>	Reduction of NADP+
	<b>C</b>	Oxidation of the reaction centre of photosystem I
	<b>D</b>	Generation of a protein motive force
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

26

<b>Question Description</b>	Which of the following favors endospore formation?
<b>A</b>	High concentration of nitrogenous nutrients
<b>B</b>	Low concentration of nitrogenous nutrients
<b>C</b>	Low concentration of oxygen
<b>D</b>	High concentration of oxygen
<b>E</b>	None of the above
<b>Correct Answer</b>	B
<b>Marks</b>	1

27

<b>Question Description</b>	Members of the following order are exclusively freshwater
<b>A</b>	Zygnematales
<b>B</b>	Cladophorales
<b>C</b>	Volvocales
<b>D</b>	Dasycladales
<b>E</b>	None of the above
<b>Correct Answer</b>	A
<b>Marks</b>	1

28	<b>Question Description</b>	A Semi parasite relationship between the algal and fungal components of lichen is termed as
	<b>A</b>	Helotism
	<b>B</b>	Parasitism
	<b>C</b>	Predation
	<b>D</b>	Commensalism
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

29	<b>Question Description</b>	Which is an incorrect statement
	<b>A</b>	Higher the Photosynthesis lesser the transpiration
	<b>B</b>	Diffusion is inversely related to the square root of the density of diffusing gas
	<b>C</b>	boundary layer resistance and stomatal resistance prevent water loss
	<b>D</b>	Increase in the radius of the tracheid by a factor of one will increase the rate of flow by a factor of 4
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

30 **Question Description** In plants, the sex chromosomes were first discovered in

**A** A liverwort

**B** an alga

**C** fungus

**D** lichen

**E** None of the above

**Correct Answer** A

**Marks** 1

31 **Question Description** Azadirachtin (Neem oil) is

**A** Terpene

**B** Phenol

**C** Alkaloid

**D** Flavonoid

**E** None of the above

**Correct Answer** A

**Marks** 1

32	<b>Question Description</b>	Genetically modified plants have been useful in many ways. Genetic modification has accomplished all of the following, except
	<b>A</b>	Help to reduce post-harvest losses
	<b>B</b>	Made crop more tolerant to abiotic stress
	<b>C</b>	Increased reliance on chemical pesticides
	<b>D</b>	Enhanced nutrient value of food
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1
33	<b>Question Description</b>	The enzyme involved in amino acid activation during translation is?
	<b>A</b>	ATP synthetase
	<b>B</b>	aminoacyl tRNA synthetase
	<b>C</b>	aminoacyl mRNA synthetase
	<b>D</b>	aminoacyl rRNA synthetase
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

34	<b>Question Description</b>	Though consulting Type specimens is a critical process in a good plant taxonomic work, which of the following works require the process compulsorily?
	<b>A</b>	Checklist
	<b>B</b>	District Flora
	<b>C</b>	Enumeration
	<b>D</b>	Monograph
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

35	<b>Question Description</b>	How many ATP molecules are required for the conversion of one $N_2$ to $2NH_3$ during biological $N_2$ fixation?
	<b>A</b>	8 ATP
	<b>B</b>	10 ATP
	<b>C</b>	12 ATP
	<b>D</b>	16 ATP
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

36	<b>Question Description</b>	Downy mildews are caused by the members of?
	<b>A</b>	Erysiphales
	<b>B</b>	Taphrinales
	<b>C</b>	Ustilaginales
	<b>D</b>	Peronosporales
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

37	<b>Question Description</b>	Restriction enzyme hydrolyses the backbone of DNA between
	<b>A</b>	PO <sub>4</sub> and nitrogen bases
	<b>B</b>	PO <sub>4</sub> and deoxyribose
	<b>C</b>	Ribose and nitrogen bases
	<b>D</b>	Nitrogen bases and deoxyribose
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

38	<b>Question Description</b>	Enzymes involved in feedback inhibition are known as
	<b>A</b>	Haloenzyme
	<b>B</b>	Apoenzyme
	<b>C</b>	Allosteric enzyme
	<b>D</b>	Coenzyme
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

39	<b>Question Description</b>	Termination of replication is triggered by _____
	<b>A</b>	DNA polymerase
	<b>B</b>	Helicase
	<b>C</b>	SSB
	<b>D</b>	Tus protein
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

40	<b>Question Description</b>	For taxonomic revisionary work original place of publication can be obtained from Index Kewensis. It can also be obtained from
	<b>A</b>	Index Herbariorum
	<b>B</b>	IPNI
	<b>C</b>	TL2
	<b>D</b>	Kew Herbarium Catalogue
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

41	<b>Question Description</b>	Which type of chromosome is considered as primitive?
	<b>A</b>	Metacentric
	<b>B</b>	Submetacentric
	<b>C</b>	Acrocentric
	<b>D</b>	Telocentric.
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

42	<b>Question Description</b>	Enzyme involved in making of DNA from mRNA is?
	<b>A</b>	DNA polymerase IV
	<b>B</b>	RNA polymerase III
	<b>C</b>	RNA transcriptase
	<b>D</b>	Reverse Transcriptase
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

43	<b>Question Description</b>	Choose the combinations of types from which the lectotype may be chosen
	<b>A</b>	Isotype, paratype and syntype
	<b>B</b>	Paratype, syntype and neotype
	<b>C</b>	syntype, neotype and epitype
	<b>D</b>	Neotype, epitype and isotype
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

44	<b>Question Description</b>	Which is not correct
	<b>A</b>	Genomic library contain introns
	<b>B</b>	cDNA library does not represent all genes
	<b>C</b>	cDNA library containsa fragmented gene
	<b>D</b>	Genomic library contains upstream and downstream sequences of the gene
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

45	<b>Question Description</b>	The order belonging to basal angiosperms is
	<b>A</b>	Canellales
	<b>B</b>	Ceratophyllales
	<b>C</b>	Magnoliales
	<b>D</b>	Nymphaeales
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

46	<b>Question Description</b>	The association of histones H1 with nucleosome shows _____
	<b>A</b>	The occurrence of transcription
	<b>B</b>	The occurrence of replication
	<b>C</b>	Exposed DNA double helix
	<b>D</b>	The condensation of DNA into chromatin fibre
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

47	<b>Question Description</b>	Many climatic events such as cloud formation, lightening, thunderstorm formation, thundering, etc., are held in the _____.
	<b>A</b>	Troposphere
	<b>B</b>	Stratosphere
	<b>C</b>	Mesosphere
	<b>D</b>	Ionosphere
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

48	<b>Question Description</b>	In the presence of lactose, how long does it take for the lac operon to be expressed?
	<b>A</b>	When lactose equals glucose concentration
	<b>B</b>	When glucose is more than lactose concentration
	<b>C</b>	As long as lactose is more than glucose concentration
	<b>D</b>	As long as lactose is more than galactose concentration
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

49	<b>Question Description</b>	“Reproductive structures are produced in the conceptacles”, is the characteristic feature of
	<b>A</b>	Etocarpales
	<b>B</b>	Laminariales
	<b>C</b>	Sphacelariales
	<b>D</b>	Fucales
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

50	<b>Question Description</b>	The communities which are relatively independent and self-sufficient of their habitat are called _____.
	<b>A</b>	Minor community
	<b>B</b>	Major community
	<b>C</b>	Global community
	<b>D</b>	Concrete community
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

51	<b>Comprehension</b>	<p>Read the Passage Below and answer the following questions:</p> <p>From the very beginning man has attempted what has seemed impossible. Man is different from the rest of the creation in this respect. He has an eternal thirst for adventure. This has led to countless new discoveries and inventions. Human curiosity is limitless. This has led to space flights and moon landings. The desire to know what is beyond the visible world takes many forms. The Everest hero Tenzing and the hero of the 'Seven Seas', Mihir Sen, were inspired by the same restless spirit. Astronauts Armstrong, Collins and Aldrin, who were the first humans to set foot on the soil of the moon, have proved beyond doubt that man shall not rest until he has conquered the entire universe. But, is it enough to know and master nature? Which is more important: knowing and understanding the world around or knowing and understanding yourself? In the absence of self-knowledge, the most advanced knowledge of the universe is not only useless but dangerous.</p>
	<b>Question Description</b>	From the options provided below, identify the phrase that does not describe the innate nature of human kind, as per the passage

<b>A</b>	eternal thirst for knowledge
<b>B</b>	countless new discoveries and inventions
<b>C</b>	desire to know what is beyond the visible world
<b>D</b>	restless spirit
<b>E</b>	None of the above
<b>Correct Answer</b>	B
<b>Marks</b>	1

**Comprehension**

Read the Passage Below and answer the following questions:

From the very beginning man has attempted what has seemed impossible. Man is different from the rest of the creation in this respect. He has an eternal thirst for adventure. This has led to countless new discoveries and inventions. Human curiosity is limitless. This has led to space flights and moon landings. The desire to know what is beyond the visible world takes many forms. The Everest hero Tenzing and the hero of the 'Seven Seas', Mihir Sen, were inspired by the same restless spirit. Astronauts Armstrong, Collins and Aldrin, who were the first humans to set foot on the soil of the moon, have proved beyond doubt that man shall not rest until he has conquered the entire universe. But, is it enough to know and master nature? Which is more important: knowing and understanding the world around or knowing and understanding yourself? In the absence of self-knowledge, the most advanced knowledge of the universe is not only useless but dangerous.

**Question Description**

The passage indicates that mankind differs from other living species in

**A**

the thirst for adventure

**B**

self-knowledge

**C**

the desire to conquer the universe

**D**

attempting the impossible

**E**

None of the above

**Correct Answer**

D

**Marks**

1

<b>Comprehension</b>	<p>Read the Passage Below and answer the following questions:</p> <p>From the very beginning man has attempted what has seemed impossible. Man is different from the rest of the creation in this respect. He has an eternal thirst for adventure. This has led to countless new discoveries and inventions. Human curiosity is limitless. This has led to space flights and moon landings. The desire to know what is beyond the visible world takes many forms. The Everest hero Tenzing and the hero of the ‘Seven Seas’, Mihir Sen, were inspired by the same restless spirit. Astronauts Armstrong, Collins and Aldrin, who were the first humans to set foot on the soil of the moon, have proved beyond doubt that man shall not rest until he has conquered the entire universe. But, is it enough to know and master nature? Which is more important: knowing and understanding the world around or knowing and understanding yourself? In the absence of self-knowledge, the most advanced knowledge of the universe is not only useless but dangerous.</p>
<b>Question Description</b>	<p>Read the following statements and arrange them in a logical sequence in line with the tone of the passage</p> <p>(i) In the absence of self-knowledge, it is also dangerous  (ii) Knowing and understanding yourself is more important  (iii)The most advanced knowledge of the universe is useless  (iv) Knowing and understanding the world around is important</p>
<b>A</b>	(i); (ii); (iii) ;(iv)
<b>B</b>	(iv); (ii);(iii);(iv)
<b>C</b>	(iii); (i); (ii) ;(iv)
<b>D</b>	(ii); (iv); (iii) ;(i)
<b>E</b>	None of the above
<b>Correct Answer</b>	B

**Marks  
Comprehension**

1  
Read the Passage Below and answer the following questions:

From the very beginning man has attempted what has seemed impossible. Man is different from the rest of the creation in this respect. He has an eternal thirst for adventure. This has led to countless new discoveries and inventions. Human curiosity is limitless. This has led to space flights and moon landings. The desire to know what is beyond the visible world takes many forms. The Everest hero Tenzing and the hero of the 'Seven Seas', Mihir Sen, were inspired by the same restless spirit. Astronauts Armstrong, Collins and Aldrin, who were the first humans to set foot on the soil of the moon, have proved beyond doubt that man shall not rest until he has conquered the entire universe. But, is it enough to know and master nature? Which is more important: knowing and understanding the world around or knowing and understanding yourself? In the absence of self-knowledge, the most advanced knowledge of the universe is not only useless but dangerous.

**Question Description**

In the passage what is described as boundless

A the desire to know

B the universe

C the restless spirit

D human curiosity

E None of the above

**Correct Answer**

D

**Marks**

1



**Comprehension**

Read the Passage Below and answer the following questions:

From the very beginning man has attempted what has seemed impossible. Man is different from the rest of the creation in this respect. He has an eternal thirst for adventure. This has led to countless new discoveries and inventions. Human curiosity is limitless. This has led to space flights and moon landings. The desire to know what is beyond the visible world takes many forms. The Everest hero Tenzing and the hero of the 'Seven Seas', Mihir Sen, were inspired by the same restless spirit. Astronauts Armstrong, Collins and Aldrin, who were the first humans to set foot on the soil of the moon, have proved beyond doubt that man shall not rest until he has conquered the entire universe. But, is it enough to know and master nature? Which is more important: knowing and understanding the world around or knowing and understanding yourself? In the absence of self-knowledge, the most advanced knowledge of the universe is not only useless but dangerous.

**Question Description**

From the options provided, select the antonym of the word "restless", in the sense implied in the passage

**A**

peace loving

**B**

calm

**C**

contentious

**D**

eager

**E**

None of the above

**Correct Answer**

B

**Marks**

1

56	<b>Question Description</b>	Who among the following has recently been appointed ambassador of Indo-UK culture platform?
	<b>A</b>	Sonu Nigam
	<b>B</b>	Arijit Singh
	<b>C</b>	Shankar Mahadevan
	<b>D</b>	AR Rahman
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

57	<b>Question Description</b>	Who was the first Indian Chief of Army Staff of the Indian Army ?
	<b>A</b>	Gen. K.M. Cariappa
	<b>B</b>	Vice-Admiral R.D. Katari
	<b>C</b>	Gen. Maharaja Rajendra Singhji
	<b>D</b>	Gen. Vishit Singh
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

58	<b>Question Description</b>	Tap to pay for UPI' is a new functionality launched by which platform?
	<b>A</b>	Google Pay
	<b>B</b>	PhonePe
	<b>C</b>	BHIM App
	<b>D</b>	Paytm
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

59	<b>Question Description</b>	Baikho festival is celebrated in which state?
	<b>A</b>	Manipur
	<b>B</b>	Nagaland
	<b>C</b>	Tripura
	<b>D</b>	Assam
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

60	<b>Question Description</b>	World Veterinary Day is being celebrated on which date?
	<b>A</b>	April 29
	<b>B</b>	April 28
	<b>C</b>	April 30
	<b>D</b>	April 27
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

61	<b>Question Description</b>	What is the name of the eBook launched by the Income Tax Department?
	<b>A</b>	Amrutwani
	<b>B</b>	Pratidhwani
	<b>C</b>	Aatmnirbhar
	<b>D</b>	Kiyaverse
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

62	<b>Question Description</b>	B. C. Roy Award is given in the field of
	<b>A</b>	Music
	<b>B</b>	Journalism
	<b>C</b>	Medicine
	<b>D</b>	Environment
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

63	<b>Question Description</b>	The world's first wildlife conservation bond Has been issued by the World Bank for which animal?
	<b>A</b>	White elephant
	<b>B</b>	Black Rhinoceros
	<b>C</b>	Asiatic Lion
	<b>D</b>	Bengal Tiger
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

64	<b>Question Description</b>	Maruti Suzuki Installs Asia's largest 20 MWp carport type Solar Plant at which state?
	<b>A</b>	Haryana
	<b>B</b>	Maharashtra
	<b>C</b>	Rajasthan
	<b>D</b>	Punjab
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
65	<b>Question Description</b>	India has recently launched its first COVID-19 vaccine for animals. What is the name of vaccine?
	<b>A</b>	Petcovax
	<b>B</b>	Anocovax
	<b>C</b>	Creacovax
	<b>D</b>	Armacovax
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

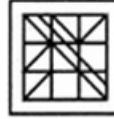
66

Question Description

Find out the alternative figure which contains figure (X) as its part.



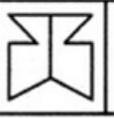
(X)



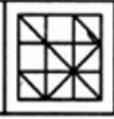
(1)



(2)



(3)



(4)

A

1

B

2

C

3

D

4

E

None of the above

Correct Answer

A

Marks

1

67

**Question Description**

fence	wall	boundary
path	alley	?

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.

**A** ramp**B** passageway**C** airfield**D** pedestrian**E** None of the above**Correct Answer** B**Marks** 1

68

**Question Description**

Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?

**A** 7**B** 10**C** 12**D** 13**E** None of the above**Correct Answer** B**Marks** 1

69

**Question Description**

In a family of 7 persons, there are only 3 females and three married couples. Each child has both the parents alive. The family members – A,B,C,D,E,F and G spent certain amounts in a month.

B is the only son of G, who spent the third highest amount. A is not a female and spent an amount just lower than D's husband. C is the father of two children of different genders one of them is D. E's mother-in-law was the third highest spender. F is the aunt of A and spent the highest amount. The spendings of E were just lower than A's uncle, who spent the fourth highest amount. C spent Rs. 4500, which is the second highest amount to be spent.

How is the second highest spender related to the second lowest spender?

**A**

Father

**B**

Maternal grandfather

**C**

Paternal Uncle

**D**

Can't be determined

**E**

None of the above

**Correct Answer**

B

**Marks**

1

70

**Question Description**

Find out the wrong number in the given sequence of numbers.

105, 85, 60, 30, 0, -45, -90

**A** 0**B** 85**C** -45**D** 60**E** None of the above**Correct Answer** A**Marks** 1

71

**Question Description**

Find the missing Numbers.

<b>38</b>	<b>54</b>	<b>61</b>	<b>79</b>
<b>21</b>	<b>?</b>	<b>12</b>	<b>24</b>
<b>19</b>	<b>09</b>	<b>14</b>	<b>?</b>

**A**

18, 46

**B**

28, 51

**C**

42, 62

**D**

18, 44

**E**

None of the above

**Correct Answer**

D

**Marks**

1

**Question Description**

**Statement:** Most of those who study in premier engineering colleges in India migrate to developed nations for better prospects in their professional pursuits.

**Courses of Action:**

- I. All the students joining these colleges should be asked to sign a bond at the time of admission to the effect that they will remain in India at least for ten years after they complete education.
- II. All those students who desire to settle in the developed nations should be asked to pay entire cost of their education which the government subsidises.

**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

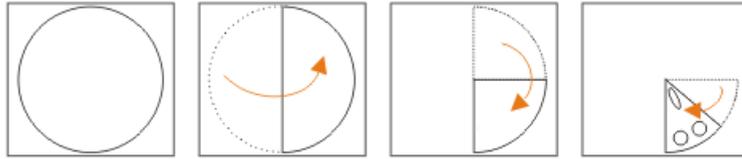
**Marks**

1

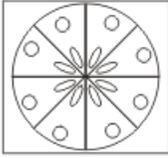
73	<b>Question Description</b>	Here are some words translated from an artificial language. hapllesh means cloudburst srenchoch means pinball resbosrench means ninepin Which word could mean "cloud nine"?
	<b>A</b>	leshsrench
	<b>B</b>	ochhapl
	<b>C</b>	haploch
	<b>D</b>	haplresbo
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

74	<b>Question Description</b>	January 1, 2008 is Tuesday. What day of the week lies on Jan 1, 2009?
	<b>A</b>	Monday
	<b>B</b>	Wednesday
	<b>C</b>	Thursday
	<b>D</b>	Sunday
	<b>E</b>	None of the above
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

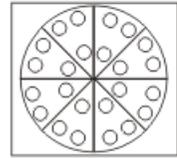
75	<b>Question Description</b>	In the question, a piece of paper is folded and cut as shown below in the questions figures. From the given option figures, which one indicates how it will appear when opened.
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A



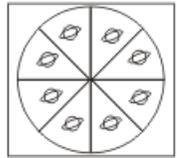
B

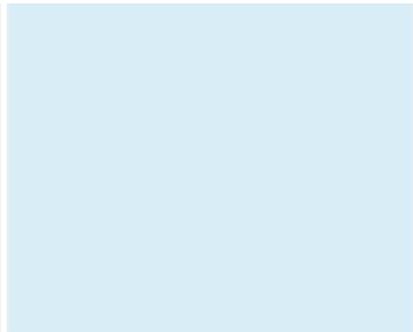


C



D





<b>A</b>	A
<b>B</b>	B
<b>C</b>	C
<b>D</b>	D
<b>E</b>	None of the above
<b>Correct Answer</b>	C
<b>Marks</b>	1