

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	1	The term systematic was proposed by A1 : Linneaus A2 : Adanson A3 : De- Vries A4 : Julian Huxley	4.0	1.00
Objective Question				
2	2	Identify the only taxonomic category that has a real existence. A1 : Phylum A2 : Species A3 : Genus A4 : Kingdom	4.0	1.00
Objective Question				
3	3	Modern classification is based on A1 : Physiology A2 : Fossils A3 : Phylogeny A4 : Morphology	4.0	1.00
Objective Question				
4	4	A small group of individuals or organisms which resemble closely in structure as well as function is called as A1 : Phylum	4.0	1.00

		<p>A2 Family :</p> <p>A3 Species :</p> <p>A4 Genus :</p>		
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Objective Question

5	5	<p>Taxon is</p> <p>A1 A genus :</p> <p>A2 A species :</p> <p>A3 A taxonomic unit :</p> <p>A4 A taxonomic category of any rank :</p>	4.0	1.00
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Objective Question

6	6	<p>'System naturae' was written by</p> <p>A1 Carl Linneaus :</p> <p>A2 Charles Darwin :</p> <p>A3 Aristotle :</p> <p>A4 Wallace :</p>	4.0	1.00
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Objective Question

7	7	<p>The term species was coined by</p> <p>A1 Aristotle :</p> <p>A2 Linnaeus :</p> <p>A3 John Ray :</p> <p>A4 Engler :</p>	4.0	1.00
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Objective Question

8	8	<p>Group of similar animals or plants which breed freely among themselves are</p> <p>A1 Species</p>	4.0	1.00
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		: A2 Family : A3 Order : A4 Genus :		
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Objective Question

9	9	Basic taxonomy unit is A1 Kingdom : A2 Genus : A3 Species : A4 Order :	4.0	1.00
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Objective Question

10	10	A group of plants with similar traits of any rank is A1 Species : A2 Genus : A3 Order : A4 Taxon :	4.0	1.00
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Objective Question

11	11	Binomial nomenclature means writing name of plant in two words which designates A1 Order and family : A2 Family and genus : A3 Species and variety : A4 Genus and species :	4.0	1.00
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Objective Question

12	12	Nuclear membrane is absent in	4.0	1.00
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		<p>A1 Penicillium :</p> <p>A2 Nostoc :</p> <p>A3 Volvox :</p> <p>A4 Agaricus :</p>		
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Objective Question

13	13	<p>Single-celled eukaryotes are included in</p> <p>A1 Fungi :</p> <p>A2 Protista :</p> <p>A3 Monera :</p> <p>A4 Archaea :</p>	4.0	1.00
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Objective Question

14	14	<p>In angiosperms, characters of flowers are used in classification because</p> <p>A1 Flowers are attractive :</p> <p>A2 Flowers are large :</p> <p>A3 Characters of flowers are conservative :</p> <p>A4 None of these. :</p>	4.0	1.00
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Objective Question

15	15	<p>One of the most important functions of botanical gardens is that</p> <p>A1 One can observe tropical plants there :</p> <p>A2 They provide the natural habitat for wild life :</p> <p>A3 They allow ex-situ conservation of germplasm :</p> <p>A4 They provide a beautiful area for recreation :</p>	4.0	1.00
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Objective Question

16	16	<p>Lysosomes are the store house of</p> <p>A1 ATP :</p> <p>A2 Sugar :</p> <p>A3 Proteins :</p> <p>A4 Hydrolytic enzymes :</p>	4.0	1.00
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Objective Question

17	17	<p>Lipids are insoluble in water, because lipid molecules are</p> <p>A1 Neutral :</p> <p>A2 Sodium ions :</p> <p>A3 hydrophobic :</p> <p>A4 hydrophilic :</p>	4.0	1.00
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Objective Question

18	18	<p>Bilayer is held together by</p> <p>A1 Surface tension :</p> <p>A2 Double bonds in their fatty acid tails :</p> <p>A3 Volvox :</p> <p>A4 Hydrophobic force :</p>	4.0	1.00
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Objective Question

19	19	<p>Radial symmetry is characteristic of</p> <p>A1 Echinodermata and Porifera :</p> <p>A2 Echinodermata only :</p> <p>A3 Cnidaria and Porifera :</p> <p>A4 Echinodermata and Cnidaria</p>	4.0	1.00
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Objective Question				
20	20	<p>Highest number of invertebrate species are found in phylum</p> <p>A1 Echinodermata :</p> <p>A2 Annelida :</p> <p>A3 Arthropoda :</p> <p>A4 Mollusca :</p>	4.0	1.00
Objective Question				
21	21	<p>Gametogenesis is generally defined as</p> <p>A1 Union of gametes :</p> <p>A2 Formation and differentiation of sex cells :</p> <p>A3 Formation of ova in female reproductive system :</p> <p>A4 Formation of sperms in male reproductive system :</p>	4.0	1.00
Objective Question				
22	22	<p>Phylum that includes all marine organisms are</p> <p>A1 Chordata :</p> <p>A2 Cnidaria :</p> <p>A3 Porifera :</p> <p>A4 Mollusca :</p>	4.0	1.00
Objective Question				
23	23	<p>Molybdenum is a component of the enzyme</p> <p>A1 Nitrogenase :</p> <p>A2 Nitrate reductase :</p> <p>A3 Urease :</p>	4.0	1.00

		A4 : None of these		
Objective Question				
24	24	The production of alcohol by yeast is termed as A1 : Cori cycle A2 : Fermentation A3 : Aerobic respiration A4 : None of these	4.0	1.00
Objective Question				
25	25	Viruses are considered to be A1 : Non-living A2 : Primitive precursors of bacteria A3 : A link between life and non-life A4 : Primitive organisms	4.0	1.00
Objective Question				
26	26	Which of the following are characteristic of both Fungi and bacteria A1 : Cell wall, Unicellular and Mitochondria A2 : Cell wall, DNA and plasma membrane A3 : Plasma membrane, Multicellularity andGolgi apparatus A4 : Nucleus ,organelles and unicellularity	4.0	1.00
Objective Question				
27	27	Proteins synthesized by the rough Endoplasmic Reticulum are A1 : To build more membranes in the cell A2 : Exported from the cell	4.0	1.00

		A3 To digest food in lysosomes :		
		A4 For internal regulation :		

Objective Question

28	28	For active transport to occur, the following must be present	4.0	1.00
		A1 ATP, cell membrane, vacuole :		
		A2 Carrier proteins, ADP, cell membrane :		
		A3 Carrier proteins, ATP, cell membrane :		
		A4 Cell membrane, water, ATP :		

Objective Question

29	29	Myeloid cell is	4.0	1.00
		A1 Unstriated muscle cell :		
		A2 Type of RBC :		
		A3 Skeletal muscle cell :		
		A4 Type of WBC :		

Objective Question

30	30	Study of distribution of animals on the earth is	4.0	1.00
		A1 Paleontology :		
		A2 Zoogeography :		
		A3 Evolution :		
		A4 Geography :		

Objective Question

31	31	Statocyst is a sense organ present in	4.0	1.00
		A1 Paramecium :		
		A2 Ascaris		

		<p>:</p> <p>A3 Polyp :</p> <p>A4 Medusa of Obelia :</p>		
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Objective Question

32	32	<p>Radula are found in all molluscs except</p> <p>A1 Cephalopods :</p> <p>A2 Bivalves :</p> <p>A3 Aplacophorans :</p> <p>A4 Scaphapods :</p>	4.0	1.00
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Objective Question

33	33	<p>Torsion is the characteristic of</p> <p>A1 Gastropoda :</p> <p>A2 Aplacophora :</p> <p>A3 Bivalvia :</p> <p>A4 Scaphapoda :</p>	4.0	1.00
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Objective Question

34	34	<p>The larva of polychaete is</p> <p>A1 Zoea :</p> <p>A2 Trochophore :</p> <p>A3 Planula :</p> <p>A4 Bipinaria :</p>	4.0	1.00
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Objective Question

35	35	<p><i>Neries</i> is</p> <p>A1 Herbivorous :</p>	4.0	1.00
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		<p>A2 Carnivorous :</p> <p>A3 Omnivorous :</p> <p>A4 Detritus feeder :</p>		
Objective Question				
36	36	<p>True leeches are classified under</p> <p>A1 Polychaeta :</p> <p>A2 Oligochaeta :</p> <p>A3 Hirudinoidea :</p> <p>A4 Cephalocarida :</p>	4.0	1.00
Objective Question				
37	37	<p>Wood borer 'shipworms' are grouped under the class</p> <p>A1 Bivalvia :</p> <p>A2 Cephalopoda :</p> <p>A3 Scaphapoda :</p> <p>A4 Polychaeta :</p>	4.0	1.00
Objective Question				
38	38	<p>Aristotle's lantern is present in</p> <p>A1 Sea anemone :</p> <p>A2 Star fish :</p> <p>A3 Sea urchin :</p> <p>A4 Sea cucumber :</p>	4.0	1.00
Objective Question				
39	39	<p>Autotomy is found in</p>	4.0	1.00

		A1 Sea snakes :		
		A2 Brittle stars :		
		A3 Jelly fish :		
		A4 Molluscs :		

Objective Question

40	40	Tube feet of star fish help in A1 Respiration : A2 Reproduction : A3 Food digestion : A4 Evisceration :	4.0	1.00
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Objective Question

41	41	Evisceration is a defense adaptation found in A1 Asteroidea : A2 Echinoidea : A3 Ophiuroidea : A4 Holothuroidea :	4.0	1.00
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Objective Question

42	42	Teuthology is a branch of science and deals with study of A1 Mammals : A2 Birds : A3 Cephalopods : A4 Termites :	4.0	1.00
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Objective Question

43	43	<p><i>Balanoglossus</i> is commonly called as</p> <p>A1 Acorn worm :</p> <p>A2 Lancelet :</p> <p>A3 Blood worm :</p> <p>A4 Thread worm :</p>	4.0	1.00
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Objective Question

44	44	<p>Allsea turtles are carnivorous except</p> <p>A1 Green turtle :</p> <p>A2 Olive Ridley turtle :</p> <p>A3 Leatherback turtle :</p> <p>A4 Hawksbill turtle :</p>	4.0	1.00
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Objective Question

45	45	<p>The scientific name of Asian salt water crocodile is</p> <p>A1 <i>Crocodylusacutus</i> :</p> <p>A2 <i>Crocodylusporosus</i> :</p> <p>A3 <i>Crocodylusniloticus</i> :</p> <p>A4 <i>Crocodylus indicus</i> :</p>	4.0	1.00
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Objective Question

46	46	<p>The marine Iguana is</p> <p>A1 a connecting link between amphibian and reptiles :</p> <p>A2 endangered :</p> <p>A3 an amphibian :</p> <p>A4 a mammal :</p>	4.0	1.00
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Objective Question				
47	47	Sea birds are	4.0	1.00
		A1 Homeothermic animals :		
		A2 Cold-blooded animals :		
		A3 Nocturnal animals :		
		A4 Viviparous :		
Objective Question				
48	48	The taxonomic order Cetacea include	4.0	1.00
		A1 Seals, Dolphins and Whales :		
		A2 Seals, sea lions and walruses :		
		A3 Whales, Manatees and Dugongs :		
		A4 Whales, Dolphins and Porpoises :		
Objective Question				
49	49	Beluga whales live in	4.0	1.00
		A1 Southern hemisphere :		
		A2 Northern polar region :		
		A3 Tropical seas :		
		A4 Temperate waters :		
Objective Question				
50	50	The study of Mollusca is generally known as	4.0	1.00
		A1 Helminthology :		
		A2 Herpetology :		
		A3 Conchology :		

		A4 Malacology :		
Objective Question				
51	51	Metamorphosis in insects is regulated by A1 Amylase : A2 Hemolymph : A3 Ecdysone : A4 Effector hormones :	4.0	1.00
Objective Question				
52	52	The Larval form of Hemichordate are A1 Bipinnaria : A2 Trilobite : A3 Tornaria : A4 Trochophore :	4.0	1.00
Objective Question				
53	53	Sinus Venosus is absent in the hearts of A1 Frog and Rat : A2 Rat and Uromastrix : A3 Pigeon and Rat : A4 Scoliodon and Frog :	4.0	1.00
Objective Question				
54	54	Darwinism fitness is a measure of A1 Survival : A2 Number of mating's : A3 Adaptations to the environment	4.0	1.00

		:		
		A4 Number of viable offspring		

Objective Question

55	55	A gland that is both endocrine and exocrine is	4.0	1.00
		A1 Adrenal		
		A2 Pituitary		
		A3 Pancreas		
		A4 Thyroid		

Objective Question

56	56	Oxytocin is secreted by the	4.0	1.00
		A1 Adrenal		
		A2 Ovary		
		A3 Thyroid		
		A4 Hypothalamus		

Objective Question

57	57	There was no life in the	4.0	1.00
		A1 Azoic era		
		A2 Mesozoic era		
		A3 Paleozoic era		
		A4 Cenozoic era		

Objective Question

58	58	Which of the following is ectothermic	4.0	1.00
		A1 Penguin		
		A2 Crocodile		

		<p>A3 Whale :</p> <p>A4 Monkey :</p>		
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Objective Question

59	59	<p>The Bandipur Sanctuary is famous for</p> <p>A1 Lions :</p> <p>A2 Pelicans :</p> <p>A3 Indian Bisons :</p> <p>A4 Tigers :</p>	4.0	1.00
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Objective Question

60	60	<p>Anticodon is present in</p> <p>A1 mRNA :</p> <p>A2 rRNA :</p> <p>A3 tRNA :</p> <p>A4 DNA :</p>	4.0	1.00
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Objective Question

61	61	<p>Which of the following is a stop codon</p> <p>A1 AUG GUG UUU :</p> <p>A2 UGA UAG UAA :</p> <p>A3 UUU UAC CUC :</p> <p>A4 CUC UAC UAA :</p>	4.0	1.00
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Objective Question

62	62	<p>Reduction in the number of chromosomes occurs when a diploid cell divide by</p> <p>A1 Amitosis :</p>	4.0	1.00
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		A2 Mitosis :		
		A3 Meiosis :		
		A4 Binary fission :		

Objective Question

63	63	Mammary glands are modified	4.0	1.00
		A1 Apocrine sweat glands :		
		A2 Holocrine sebaceous glands :		
		A3 Preen glands :		
		A4 Holocrine sweat glands :		

Objective Question

64	64	Lysosomes are reservoirs of	4.0	1.00
		A1 Fat :		
		A2 Hydrolytic enzymes :		
		A3 Secretory glycoproteins :		
		A4 RNA :		

Objective Question

65	65	National Wild Life Protection Act was formulated during	4.0	1.00
		A1 1972 :		
		A2 1974 :		
		A3 1977 :		
		A4 1979 :		

Objective Question

66	66	Golgi complex was discovered by Golgi first in the neurons of	4.0	1.00
		A1 Frogs		

		: A2 Rat : A3 Cat : A4 Guinea Pig :		
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Objective Question

67	67	Earth worm respire through A1 Ctenidia : A2 Moist skin : A3 Clitellum : A4 Typhlosole :	4.0	1.00
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Objective Question

68	68	Slime cells belongs to A1 Pisces : A2 Cyclostomata : A3 Proto chordate : A4 Vertebrata :	4.0	1.00
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Objective Question

69	69	Gambusia is a A1 Rest on fishes : A2 Pathogenic fish : A3 Parasitic fish : A4 Fish predator of mosquito :	4.0	1.00
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Objective Question

70	70	Anapsid skull is found in	4.0	1.00
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A1 Chelonia
:

A2 Crocodilia
:

A3 Squamata
:

A4 Rhynchocephalia
:

Objective Question

71	71	Number of branchial arches present in scoliodon is	4.0	1.00
		A1 5 pairs :		
		A2 6 pairs :		
		A3 7 pairs :		
		A4 8 pairs :		

Objective Question

72	72	Co-enzyme was discovered by	4.0	1.00
		A1 F. Cale :		
		A2 F. Lipmann :		
		A3 Menten :		
		A4 Banting and Best :		

Objective Question

73	73	Km value of enzyme is substrate concentrate at	4.0	1.00
		A1 $\frac{1}{4}$ V max :		
		A2 2 V max :		
		A3 $\frac{1}{2}$ V max :		
		A4 4 V max :		

Objective Question				
74	74	Cavity of Medulla oblangata	4.0	1.00
		A1 Mesocoel :		
		A2 Metacoel :		
		A3 Myeocoel :		
		A4 Paracoel :		

Objective Question				
75	75	Ionofibrils are anchored at which cell junction	4.0	1.00
		A1 Desmosome :		
		A2 Septasomes :		
		A3 Zonula occludins :		
		A4 Zonula adherens :		

Objective Question				
76	76	Cross between hybrid and recessive parent is	4.0	1.00
		A1 Back cross :		
		A2 Test cross :		
		A3 Monohybrid cross :		
		A4 Dihybrid cross :		

Objective Question				
77	77	Length of one coiled helix loop of B-DNA is	4.0	1.00
		A1 3.4 nm :		
		A2 10 nm :		
		A3 0.30 nm :		
		A4 20 nm		

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Objective Question				
78	78	L-alanine and D-alanine	4.0	1.00
		A1 Present in virtually all proteins :		
		A2 Superimposed isomers of each other :		
		A3 Enantiomers :		
		A4 Lacks an R group :		
Objective Question				
79	79	Two amino acids that contain sulphur atoms	4.0	1.00
		A1 Cysteine and serine :		
		A2 Cysteine and thereonine :		
		A3 Methionine and cysteine :		
		A4 Methionine and serine :		
Objective Question				
80	80	At what level(s) of protein structure would you expect to find disulphide bridges?	4.0	1.00
		A1 Primary structure :		
		A2 Secondary structure :		
		A3 Tertiary structure :		
		A4 both secondary structure an tertiary structure :		
Objective Question				
81	81	The two stands of DNA are held together by	4.0	1.00
		A1 Peptide bonds :		
		A2 Phosphodiester bonds :		
		A3 Hydrogen bond :		

A4 S-S bonds
:

Objective Question

82	82	First transformation experiment on bacteria was performed on	4.0	1.00
		A1 <i>Escherichia coli</i> :		
		A2 <i>Salmonella typhimurium</i> :		
		A3 <i>Pasteurella pestis</i> :		
		A4 <i>Diplococcus pneumonia</i> :		

Objective Question

83	83	Animals store glucose in the form of	4.0	1.00
		A1 Amylose :		
		A2 Glycogen :		
		A3 Glycerol :		
		A4 Cellulose :		

Objective Question

84	84	The empirical formula for carbohydrate is	4.0	1.00
		A1 $(CHO)_2$:		
		A2 $(CH_2O)_n$:		
		A3 $2(CHO)_n$:		
		A4 $(C_2HO)_n$:		

Objective Question

85	85	Which of the following is not used to test reducing or non-reducing nature of sugar	4.0	1.00
		A1 Benedict solution :		
		A2 Fehling solution :		

		A3 Tollen's solution :		
		A4 Molish solution :		

Objective Question

86	86	Triacylglycerol contains fatty acids and	4.0	1.00
		A1 Glucose :		
		A2 Glycogen :		
		A3 Glyceral :		
		A4 Guanine :		

Objective Question

87	87	Cholesterol is a/an	4.0	1.00
		A1 Diglyceride :		
		A2 Saturated fat :		
		A3 Unsaturated fat :		
		A4 Steroid :		

Objective Question

88	88	Molybdenum is a component of the enzyme	4.0	1.00
		A1 Nitrogenase :		
		A2 Nitrate reductase :		
		A3 Urease :		
		A4 None of these :		

Objective Question

89	89	Genetic code is said to be degenerate because	4.0	1.00
		A1 Codons degenerate very quickly :		
		A2 One amino acid is coded by more than one codon		

		<p>:</p> <p>A3 One codon codes for more than one amino acid</p> <p>:</p> <p>A4 None of these</p> <p>:</p>		
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Objective Question

90	90	<p>Genes located on same locus but having different expressions are</p> <p>A1 Multiple alleles</p> <p>:</p> <p>A2 Oncogenes</p> <p>:</p> <p>A3 Polygenes</p> <p>:</p> <p>A4 Codominant</p> <p>:</p>	4.0	1.00
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Objective Question

91	91	<p>Which of the following communities is the most productive?</p> <p>A1 Temperate forests</p> <p>:</p> <p>A2 Tropical forests</p> <p>:</p> <p>A3 Savannas</p> <p>:</p> <p>A4 Wetland</p> <p>:</p>	4.0	1.00
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Objective Question

92	92	<p>Manometer is the</p> <p>A1 Instrument to measure transpiration pull</p> <p>:</p> <p>A2 Instrument used to measure the size of stomata</p> <p>:</p> <p>A3 Instrument used to measure the atmospheric pressure</p> <p>:</p> <p>A4 Instrument used to measure amount of osmosis per unit time</p> <p>:</p>	4.0	1.00
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Objective Question

93	93	<p>Most of the CO₂ transported in the blood</p> <p>A1 Dissolved in plasma</p> <p>:</p>	4.0	1.00
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		<p>A2 In caramino compounds formed from plasma proteins :</p> <p>A3 Bound to Cl :</p> <p>A4 In the form of HCO_3 :</p>		
Objective Question				
94	94	<p>The sequence of amino acids in a polypeptide is called the</p> <p>A1 Primary structure :</p> <p>A2 Secondary structure :</p> <p>A3 Tertiary structure :</p> <p>A4 Quaternary structure :</p>	4.0	1.00
Objective Question				
95	95	<p>Cellulose is</p> <p>A1 Branched chain with α-1,6 and β-1,4 bonds :</p> <p>A2 Unbranched chain with α-1,6 bonds :</p> <p>A3 Unbranched chain with β-1,4 bonds :</p> <p>A4 Branched chain with α-1,4 and β-1,6 bonds :</p>	4.0	1.00
Objective Question				
96	96	<p>The end product of glycolysis is</p> <p>A1 NADH :</p> <p>A2 Acetyl-CoA :</p> <p>A3 Lactate :</p> <p>A4 Pyruvate :</p>	4.0	1.00
Objective Question				
97	97	<p>Which of the following is not a lipid?</p>	4.0	1.00

		<p>A1 Chitin :</p> <p>A2 Terpenes :</p> <p>A3 Steroids :</p> <p>A4 Prostaglandins :</p>		
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Objective Question

98	98	<p>The most common polyunsaturated fatty acid in foods?</p> <p>A1 Oleic acid :</p> <p>A2 Stearic acid :</p> <p>A3 Linoleic acid :</p> <p>A4 Eladic acid :</p>	4.0	1.00
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Objective Question

99	99	<p>Enzymes speed up biochemical reactions by</p> <p>A1 Increasing the activation energy of the reaction :</p> <p>A2 Lowering the activation energy of the reaction :</p> <p>A3 Increasing the temperature of the reaction :</p> <p>A4 Lowering the temperature of the reaction :</p>	4.0	1.00
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Objective Question

100	100	<p>The process of double fertilization is unique to</p> <p>A1 Angiosperm :</p> <p>A2 Cycads :</p> <p>A3 Gymnosperms :</p> <p>A4 Ginkos :</p>	4.0	1.00
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