Sr No.	PhD Marine Biology
	In the series 357,363,369, What will be the 10th term?
Alt1	
Alt2	
Alt3	
Alt4	
	Choose word from the given options which bears the same relationship to the third word, as the first two bears: Moon: Satellite :: Earth : ?
Alt1	Sun
Alt2	Planet
Alt3	Solar System
Alt4	Asteroid
3	Door is related to Bang in the same way as Chain is related to?
Alt1	Thunder
Alt2	Clinch
Alt3	Tinkle
Alt4	Clank
	Select the lettered pair that has the same relationship as the original pair of words: Emollient: Soothe
	Dynamo: Generate
	Elevation: Level
	Hurricane: Track
Alt4	Precipitation: Fall
	Which of the following is the same as Count, List, Weight?
	Compare
	Sequence
	Number
Alt4	Measure
_1	
	Spot the defective segment from the following:
	The downtrodden
	needs
	to be uplifted
Alt4	on a war footing
-	
	Choose the meaning of the idiom/phrase from among the options given:
	A close shave
	a nice glance
	a narrow escape
Alt3	an intimate

8	Lightning in the same place twice.
Alt1	doesn't hit
Alt2	never strikes
Alt3	never attacks
Alt4	never falls
9	Choose the option closest in meaning to the given word:
	FLIPPANT
Alt1	serious
Alt2	unsteady
Alt3	irreverent
Alt4	caustic
10	Choose the antonymous option you consider the best:
	OBSOLETE
Alt1	obscure
Alt2	hackneyed
Alt3	current
Alt4	grasp
11	Akash scored 73 marks in subject A. He scored 56% marks in subject B and X marks in subject C. Maximum
	marks in each subject were 150. The overall percentage marks obtained by Akash in sall te three subjects were
	54%. How many marks did he score in subject C?
Alt1	84
Alt2	86
Alt3	79
Alt4	73
12	A person starts from his house and travels 6 Km towards the West, he then travelled 4 Km towards his left
	and then travels 8 Km towards west and 3 Km towards South. Finally he turns right and travels 5 Km. What is the
	horizontal distance he has travelled from his house ?
Alt1	7 Km
Alt2	15 Km
Alt3	23 Km
Alt4	19 Km
13	If 1st Jan 2012 is a Tuesday then on which day of the week will 1st Jan 2013 fall?
Alt1	Wednesday
Alt2	Thursday
Alt3	Friday
Alt4	Saturday
14	g
	shadow was exactly to the right of Reeta, which direction was Kavita facing?
Alt1	North
	South
Alt3	East

Alt4	West
15	In an exam every candidate took History (or)Geography(or)both. 74.8%took History and 50.2% took Geography.
	If the Total number of candidates is 1500,how many took History and Geography both?
Alt1	400
Alt2	350
Alt3	750
Alt4	375
16	Which word includes the larger % of Vowels?
Alt1	GOOGLE
Alt2	AMAZON
Alt3	FACE BOOK
Alt4	DOE
17	A= Least prime >24;
	B=Greatest prime <28; Then
Alt1	A>B
Alt2	A <b< th=""></b<>
Alt3	A=B
Alt4	None
18	CL X VIII refers
Alt1	861
Alt2	701
Alt3	168
Alt4	107
19	Which of the following is larger than 3/5?
Alt1	1/2
Alt2	39/50
Alt3	7/25
Alt4	59/100
20	Mr. Babu travelled 1200 km by air which formed 2/5 of his trip. One third of the whole trip, he travelled by car
	and the rest of the journey was by train. What was the distance travelled by train?
Alt1	600km
Alt2	700 km
Alt3	800 km
Alt4	900 km
21	Reactive silica more in the coastal sea water because:-
Alt1	Atmosphere input
Alt2	Pollution
Alt3	Rainwater input
Alt4	Riverine input

22	Exoskeleton of crustaceans are formed of:-
Alt1	Heparin
Alt2	Dextrin
Alt3	Chitin
Alt4	Inuline
23	When any detergent is added to pure water it surface tension:-
Alt1	Increases
Alt2	Decreases
Alt3	Does not change
Alt4	Becomes zero
24	Which of the following is also called as water hemisphere?
Alt1	Eastern hemisphere
Alt2	Western hemisphere
Alt3	Southern hemisphere
Alt4	Northern hemisphere
25	Calcium Compensation Depth occurs at:-
Alt1	1000 to 2000 m
Alt2	2000 to 3000 m
Alt3	5000 to 6000 m
Alt4	3000 to 4000 m
26	In a population, which of the following can change the frequency of an allele?
Alt1	Selection, mutation, migration, inbreeding and random genetic drift
Alt2	Forward mutation, gene conversion, neutral evolution and recombination
Alt3	Gene interaction, gene transfer, gene mutation and out breeding
Alt4	Dominance, family selection, fitness and random genetic drift
27	Euryhaline:-
Alt1	Low salinity tolerance
Alt2	Tolerance of wide variations of salinity
Alt3	High salinity tolerance
Alt4	None of the above
28	Presence of lateral line on both sides of fishes are responsible for:-
Alt1	Photo receptors
Alt2	Chemoreceptors
Alt3	Olfacto receptors
Alt4	Mechanoreceptors
29	Organic phosphate estimated by:-
	AAS and spectrophotometer method
	UV and spectrophotometer method
	Titration and spectrophotometer method
	Flame photometer and spectrophotometer method

30	Which of the following statement is correct for α -amino acids?
Alt1	Contain asymmetric carbon chain
Alt2	They are always present in the optically active form in nature
Alt3	They are present in both L and D form in nature
Alt4	They are present in L form
31	Solar energy is the chief source of energy for:-
Alt1	Birds
Alt2	Photosynthetic autotrophs
Alt3	Fishes
Alt4	Animals
32	Glass sponges live in
	Deep sea water
	Shallow sea water
	Brackish water
	Fresh water
Alt4	
33	Particulate organic carbon is defined as that will be retained by a glass fiber filter of:-
	0.65 m
	0.75 m
	0.45 m
	0.100 m
All4	0.100 III
24	The term his indicator equipages a wide spectrum of expanisms serving as indicators of the
Alt1	The term bio indicator envisages a wide spectrum of organisms serving as indicators of the:-
	Environment
	Water
Alt4	Climate
	Mechanism of DNA replication was originally characterized in:-
	Bacteria
	Virus
-	Algae
Alt4	Fungi
	The species richness in an ecosystem best explains:-
-	Biodiversity
	Forest
-	Richness of species
Alt4	Ecosystem
37	The process of nutrient enrichment of water bodies is known as:-
Alt1	Nitrification
Alt2	Nutrition
Alt3	Eutrofication
1	

Alt4	Nitrogen fixation
38	When a large ice berg melts at the base but it does not melt at the top because:-
	owering of melting at its base due to high pressure
	At the base it is slightly warm
	At its base it contains impurities
	Elevation of melting at its base due to high pressure
	6 h
39 \	Which of the following organism is not a part of the zooplankton?
	Copepod
Alt2	
	Nauplius
-	Chlorella
AIL4	CINOTENIA
40	
	Laminar layer exist between:-
	Furbulent shallow sea water and turbulent deep sea water
	Upper atmosphere and lower atmosphere
	Turbulent atmosphere and turbulent sea surface
Alt4	Surface water and deepwater
41	During the process of respiration, which of the following is produced?
Alt1	ATP
Alt2	ADP
Alt3	AMP
Alt4	ACP
-	
42	During photosynthesis, the liberated oxygen comes from:-
Alt1	Phosphoglyceric acid Phosphoglyceric acid
-	Chlorophyll
	Water
	Carbon dioxide
/13	maginary lines connecting places in oceans having equal salinity are:-
	sotherms
	sohalines
	sobars
AIT4	sohyets
, , I.	Danikuitiaakian kaluan alaas in kka andan af
	Denitrification taken place in the order of:-
	NH4+, NO2-, NO3-
-	NO3-, NO2-, NH4+
	NH4+, NO3-, NO2-
Alt4	NO2-, NO3-, NH4+
45	Which of the following groups is not exclusively marine?
Alt1	Anthozoa
Alt2	Scyphozoa

Alt3	Hydrozoa
Alt4	Ctenophora
46	Anticyclones are caused by:-
	Winds that flow spirally outward from the centre
	Winds that rotate round the centre of minimum of low barometer pressure
	Heavy rain fall
	Violent winds
AII4	Violent winds
47	
	The Minamata disease is associated with the pollution caused by:-
	Cadmium
	Lead
Alt3	Zinc
Alt4	Mercury
48	The Theory of Natural Selection was proposed by Darwin on the basis of:
	Mutation
Alt2	Environmental factors
Alt3	Chromosomal variation
	Use and disuse of organ
7.110.1	
40	The dark reaction in photosynthesis is so named because:-
	It is a dark reaction
	Does not require light energy
	Needs darkness
Alt4	Cannot occur in light condition
	Tidal waves in the sea are primarily due to:-
	wind effect
	gravitational effect of the moon on the earth
Alt3	gravitational effect of the sun on the earth
Alt4	atmospheric effect of the earth
_	
51	Pluteus larval stage represents:-
Alt1	Shrimp
Alt2	Barnacle
-	Oyster
	Sea urchin
52	Tectonic force is related with the building of various features of:-
	Earth's crust
-	Cyclones
	Earth's surface
Alt4	Mountains
_	
	Who of the following proposed the Theory inheritance of acquired characters?
Alt1	Drawin

Alt2	Weisemann
Alt3	Zimmermann
Alt4	Lamarck
54	Salinity can be determined by measuring:
Alt1	Light
Alt2	Turbidity
Alt3	Sodium content
Alt4	рН
55	Ink in devil fish is ejected through its:-
Alt1	Anus
Alt2	Genital pores
Alt3	Eyes
Alt4	Mouth
56	miRNA based silencing of gene is:-
Alt1	post translation gene silencing
Alt2	translation gene silencing
Alt3	transcription gene silencing
Alt4	post transcription gene silencing
57	Ocean currents have greater influence on:-
	Climate
Alt2	Land form
Alt3	Soil
Alt4	Ocean bottom structure
58	Net transport of water from Circumpolar to Pacific:-
	29Sv
Alt2	25Sv
Alt3	11Sv
Alt4	41Sv
59	The angle of the water bond is:-
	180°
Alt2	108
Alt3	150°
Alt4	105°
60	An oxygen minimum layer develops:-
	In a fjord at low tide
	Within the sediment, just above a burrowed zone
	At a depth in the water column in the open ocean
	All of the above
61	Most valuable mineral resources taken from beneath the sea floor:-

	Calcium
Alt2	Petroleum
Alt3	Manganese
Alt4	Radiolarian
62	Canal system is a characteristic of which of the following?
Alt1	Sea anemone
Alt2	Sponge
Alt3	Hydra
Alt4	Sea urchin
63	The flow of solvent through a semi-permeable membrane towards the solution side is the phenomenon of:-
Alt1	Absorption
Alt2	Diffusion
Alt3	Transfusion
Alt4	Osmosis
64	Which of the following organisms lives on dead organic matter:-
Alt1	Parasites
Alt2	Predators
Alt3	Saprophytes
	Symbionts
65	When the velocity of sound in a medium is given by A1/2d-1/2, where'd' is density of medium. Then A
	represents.
Alt1	Energy
	Elastic constant
	Volume
	Compressibility
66	Aghulas current occurs in the:-
	Barrent sea
	Bay of Bengal
	Arabian sea
	Red Sea
7	
67	Sausage shaped body form is a characteristic of:-
	Ophiuroidea
	Asteriodea
	Holothuroidea
	Echinoidea
AICT	
62	Which of the following is a living fossil?
	Holothuria (Sea cucmber)
	Echinus (Sea urchin)
	Ophiothrix (Brittle star)
AIT3	Opinotina (onthe star)

Alt4	Antedon (Feather star)
Alta	Anteuon (reather star)
69	Glycolipids are available almost in the exterior side not in the cytoplasmic side of the cell membrane:-
Alt1	Carbohydrates added only to lipids on the lumen side of ER and Golgi membrane
Alt2	Inner layer is not able to accommodate carbohydrates
Alt3	Carbohydrates removed by the enxym eglycolase from cytoplasmic side
Alt4	None of the above
	Bilateral symmetry, metameric segmentation, coelom and open circulatory system found in:-
Alt1	Mollusca
	Echinodermata
Alt3	Annelida
Alt4	Arthropoda
71	The transition of a sperm from swimming to non-swimming form seen in:-
Alt1	Gymnosperms
Alt2	Ferns
Alt3	Bryophytes
Alt4	Green algae
72	Main difference between starfishes and brittle stars is in the:-
Alt1	Number of arms
Alt2	Structure of the ambulacral groove
Alt3	Tube feet
Alt4	Pedicellariae
73	Kurosio current occurs in the:-
Alt1	Andaman sea
Alt2	Atlantic
Alt3	Indian Ocean
Alt4	Pacific Ocean
74	The animals which live near the sea floor is known as:-
Alt1	Demersal
Alt2	Pelagic
Alt3	Endemic
Alt4	Exogenic
75	Andaman sea lies on the:-
Alt1	Himalayan plate
Alt2	Burmese plate
Alt3	Sunda plate
Alt4	Eurasia plate
76	Which of the following is not the characteristic of echinoderms?
	Tube feet

Alt2	Skeleton with projecting spines
Alt3	Water vascular system
Alt4	Trochophore larva
77	The results of numerical taxonomy suggests:-
	Functional similarity
Alt2	Evolutionary relationship
	Overall similarity
	Phylogenetic relationship
	, ,
78	Glycogen has:-
	No reducing ends
	One reducing end and several non-reducing ends
	One non -reducing end and several reducing ends
	No non-reducing ends
7.110.1	The Herr Feddeling Erids
79	Which of the following peptide likely to be in the lipid bilayer of plasma membrane?
	Arg-His-Lys
	Ser-Thr-Ser-Thr
	Val-Leu-lle-Val-Leu-lle
	Asp-Glu-Asp-Glu
AII4	Asp-Glu-Asp-Glu-Asp-Glu
00	Linida formation and analysis of annual and
	Lipids function as good store house of energy as:-
	They are all hydrophilic
	They are all hydrophobic
	They have large numbers of carbon-phosphorus bonds
Alt4	They have large numbers of carbon-hydrogen bonds
	Which of the following contribute atomic nitrogen to purine and pyrimidine rings?
	Carbamoyl phosphate
	Glycine
	Carbon dioxide
Alt4	Aspartate
	In pentose phosphate pathway:-
	no decarboxylation occur
	Only the C-1 carbon of glucose is oxidized to CO2
	C-4 and C-5 of glucose are oxidized to CO2
Alt4	all the carbons of glucose are oxidized to CO2
83	In a compound microscope, the image formed is:-
Alt1	Virtual
Alt2	Virtual and enlarged
Alt3	Real and enlarged
	Real and diminished
84	Most bacteria require vitamins as:-

Alt1	Growth Factors
Alt2	Sources of electron donors
Alt3	Sources of energy
Alt4	Sources of carbon
85	Cilia help in locomotion over solid surfaces in:-
Alt1	Planaria
Alt2	Hydra
	Turbellaria
Alt4	Miracidium larva of Fasciola
1	
	Polymorphic cnidarians are the members of the class:-
	Actinozoa
	Scyphozoa
	Hydrozoa
Alt4	None of the above
	Identify the larva which is present only in members of gastropods:-
	Glochidium
	Muller's larva Track and are
	Trochophore Veliger
AIL4	veriger
88	Miracidium is a larval stage in the development of:-
	Taenia solium
	Echinococcus
	Ascaris
Alt4	Fasciola hepatica
89	Nematocysts are the specialized cells found in the members of the phylum:-
Alt1	Cnidaria
Alt2	Annelida
Alt3	Porifea
Alt4	Mollusca
	What is the purpose of bacterial endospores?
	Help the bacterium to differentiate into faster growing stages of bacteria
	Allow the bacterium to survive the absence of oxygen
	Allow the bacterium to make hundreds of "seeds" to spread on the wind
Alt4	Allow the bacterium to survive extended periods of heat or dryness
	The region where bacterial genome resides is termed as:-
	Cytoplasm
	Nucleus Nucleus
	Nucleoid Dibassas from region
Alt4	Ribosome free region

92	The principle involved in the streak plate method is:-
Alt1	Separation
Alt2	Dilution
Alt3	Streaking
Alt4	Isolation
93	Pronounced cephalisation is a characteristic:-
Alt1	Annelida
Alt2	Mollusca
Alt3	Arthropoda
Alt4	Echinoderms
94	Which is the following enzyme acts as a spreading factor?
Alt1	Hyaluronidase
Alt2	DNAase
Alt3	Catalase
Alt4	Coagulase
95	Ephyra is the larval form of:-
Alt1	Hydra
Alt2	Obelia
Alt3	Sea anemone
Alt4	Aurellia
96	The light emitted by luminescent bacteria is mediated by the enzyme:-
	Lactose dehydrogenase
	Carboxylase reductase
Alt3	Luciferase
Alt4	Coenzyme Q
97	The study of algae is known as:-
Alt1	Algalogy
Alt2	Phycology
	Mycology
Alt4	Bacteriology
-	
	Best method for getting pure culture is:-
	Streak-plate
	Agar slant
Alt3	Both a & b
Alt4	None of the above
	Total marine annelids belong to the class:-
	Polychaeta
	Chaetopoda
	Hirudinea
Alt4	Oligochaeta

100	Histamine secreting cells are found in:-
Alt1	Nervous tissue
Alt2	Muscular tissue
Alt3	Lungs
Alt4	Connective tissues



119 PU Ph D Marine Biology

117 Whi	f 100 PU_2016_119_E ch of the following is the larval stage barnacle?
0	Zoea
0	Bipinaria
	Nauplius
0	Veliger
104	F 100 PU_2016_119_E deficiency of this vitamin causes night blindness:-
_	'K'
_	'C'
_	'A'
0	'B'
162	f 100 PU_2016_119_E at is the basic difference between ultraviolet, visible, and infrared radiation?
0	Half-life
0	Wave velocity
0	Wavelength
0	Temperature
144 Pure	F 100 PU_2016_119_E e water can be obtained from sea water by:-
0	Centrifugation
0	Sedimentation
0	Plasmolysis
0	Reverse osmosis
105	F 100 PU_2016_119_E ong the different organic food items, the highest energy is provided by:-
0	Proteins
0	Vitamin
0	Lipid

0	Starch
140 Prol	f 100 PU_2016_119_E karyotic genetic material consist of:-
0	DNA but no histones
0	Both DNA and histones
0	Either DNA or histones
0	Neither DNA nor histones
155 The	f 100 PU_2016_119_E term bleaching is associated with:-
0	Seaweeds
0	Corals
0	Oysters
0	Sea graesse
125 Ped	F 100 PU_2016_119_E lal disc present in: Hydra
0	Aurelia
0	Obelia
0	Metridium
124 The	f 100 PU_2016_119_E most primitive nervous system is found in:-
0	Earthworm
0	Amoeba
0	Sponge
U	Hydra
147 Sea	of 100 PU_2016_119_E sonal temperature changes are the greatest in:-
0	The deep sea
0	The Equatorial region
0	Mid-latitudes

0	Polar waters
150 Biol	of 100 PU_2016_119_E uminescent organisms mostly use:-
0	Hemerythrin
0	Luciferin
0	Sodium ion
0	Magnesium
127 Lep	of 100 PU_2016_119_E as and Balanus are included in the order:-
0	Thoracica
0	Decapoda
0	Amphipoda
0	Rhizocephala
13 of 100 126 PU_2016_119_E Fertilium is secreted by:-	
0	male Heteronereis
0	female Heteronereis
0	None
4.4	of 100
165 Pyc	PU_2016_119_E noclines are:-
0	Vertical gradients in oxygen concentration
0	Vertical gradients in temperature only
0	Vertical gradients in sea water density
0	Small scale changes in current structure
15 of 100 103 PU_2016_119_E Isinglass is obtained from:-	
0	Skin of fish
0	Fins of fish
0	Air bladder

0	Fish scales	
151 <i>Nau</i>	of 100 PU_2016_119_E tilus adjusts its vertical position in the water column by means of:-	
0	Use of low density ions	
0	Delicate projections from the shell that prevent sinking	
0	Swimming upwards continuously	
0	Gas secretion	
119 "His	of 100 PU_2016_119_E toria animalium" was written by:	
0	Aristotle	
0	John Ray	
0	Huxley	
0	Carlos Linnaeus	
159	of 100 PU_2016_119_E ch pyramid will always be straight?	
0	Environmental factor	
0	Biomass	
0	Energy	
	Number	
161	of 100 PU_2016_119_E iary sewage treatment would involve:-	
0	Removal of oxygen	
0	Removal of dissolved nutrients	
0	Removal of heavy metals	
	The removal of very fine particulate matter	
20 of 100 101 PU_2016_119_E Those are non-functional in higher chordates:-		
0	Pharyngeal gills	
0	Islets of langerhans	
0	Auditory organs	

0	Appendages
123	of 100 PU_2016_119_E liata include:-
0	Porifera & Platyhelminthes
0	Coelenterata & Ctenophora
0	Porifera & Coelenterata
0	Coelenterata & Platyhelminthes
158 Visil	of 100 PU_2016_119_E ble light has the wavelength range of:-
0	<200nm
0	400-700nm
0	700-900nm
0	200-400nm
149	of 100 PU_2016_119_E kilotherms:-
0	Always lose heat to the surrounding sea water
О	Are regulators with regard to body temperature
0	Are conformers with regard to body temperature
0	None of the above
113	of 100 PU_2016_119_E ne embryonic development, which is the starting phase:-
0	Cleavage
0	Fertlization
0	Gametogenesis
О	Gastrulaton
120 The	of 100 PU_2016_119_E blood in the body of the insects:-
0	flows in open circulation
0	resembles human beings in color
0	contains hemoglobin in erythrocytes

0	flows in arteries and veins	
157 In a	of 100 PU_2016_119_E sucker fish the sucker is a modification of:-	
0	Mouth	
0	Gill slit	
0	Dorsal fin	
0	Ventral fin	
27 of 100 160 PU_2016_119_E Dissolved oxygen is usually measured chemically b		
0	Radiometric techniques	
0	The Calvin method	
0	The Winkler method	
0	The polarographic method	
145 Sea	of 100 PU_2016_119_E weeds are important source of:-	
0	Fluorine	
0	Chlorine	
0	Bromine	
0	lodine	
139 Tida	of 100 PU_2016_119_E Il range denotes:-	
0	High tide	
0	Difference between high and low tide	
0	Low tide	
0	None of the above	
152 Sea	of 100 PU_2016_119_E grasses differ from seaweeds:-	
0	In having the ability to spread asexually	
0	In living on soft sediment	
0	In having chlorophyll	

0	In having flowers
163 Sea	of 100 B PU_2016_119_E asonal temperature changes are the greatest in:-
0	The Equatorial region
0	Mid-latitudes
0	Polar waters
0	The deep sea
111 Wh	of 100 PU_2016_119_E ich of the following well defines sea weeds? Microalgae Autotrophic macrothalic algae
0	Diatoms
0	Heterotrophic algae
141	of 100 PU_2016_119_E ganisms which obtain energy by the oxidation of reduced inorganic compounds are called:- Photoautotrophs Coproheterotrophs Saprozoic Chemoautotrophs
	of 100 B PU_2016_119_E
Red	d sea is a part of the:-
0	Pacific Ocean
0	Bay of Bengal
0	Indian Ocean
	Atlantic Ocean
108	of 100 B PU_2016_119_E tation was first observed by:- Mendel
0	Emerson
100	Darwin

0	Hugo de Vries
134 The	of 100 PU_2016_119_E carcinogenic effect of ultraviolet light causes:-
0	RNA break down
0	Mutation
0	Pyrimidine dimers
0	DNA destruction
130 Sea	of 100 PU_2016_119_E pantagon is a:
0	Mollusca
0	Echinodermata
0	Porifera
0	Coelenterata
148 The C C C 39 (143	PU_2016_119_E Coriolis effect causes a deflection to the right in:- The Southern Hemisphere The Pole The Equator The Northern Hemisphere of 100 PU_2016_119_E blue green algae belong to:- Prokarytoa Myxomycetes
0	Eucaryota
0	Cyanophyceae
100	of 100 PU_2016_119_E ordates have evolved from:-
0	Auricularia larvae
0	Balanoglossus
U	Holothurians

0	Echinoderms
129 The	of 100 PU_2016_119_E estudy of Mollusca is generally known as:
0	Helminthology
0	Malacology
0	Herpatology
0	Concology
107 Bes	of 100 PU_2016_119_E st example of Secondary adaption is:-
0	Bat
0	Star fish
0	Whale
0	Sea horse
131	of 100 PU_2016_119_E eel organ is a part of: Velum
0	Oral hood
0	Mouth
	Pharynx
166 The	of 100 PU_2016_119_E two factors that most affect seawater density are:-
0	Nitrogen and temperature
0	Temperature and salinity
0	Oxygen and salinity
0	Temperature and oxygen
45 of 100 122 PU_2016_119_E What is meant by intracellular parasite?	
0	parasite between the cells
0	parasite on the outer surface of cells
0	parasite inside the cells

0	parasite which interconnects neighboring cells
153 Wo	of 100 PU_2016_119_E od borers:-
0	Involves chemical action only in bivalves
0	Is found only in isopods
0	Is found only in the bivalves
0	Is found in bivalves and isopods
102 The	of 100 PU_2016_119_E organ of fishes useful in detecting pressure changes:-
0	Internal ear
0	Blood pressure
0	Lateral line sense organs
0	Air bladder
48 of 100 112 PU_2016_119_E Maximum growth rate in a culture medium measured in the state of the	
0	Exponential phase
0	Senesecence phase
0	Stationery phase
0	Log phase
121 R.B	of 100 PU_2016_119_E a.C. is found in the food vacuole of:-
0	Entamoeba histolytica
0	Leishmania donovani
0	Amoeba proteus
0	Trypanosoma gambiense
156 Fed	of 100 PU_2016_119_E cundity refers to the:-
0	A method of locomotion
0	Release of enzymes
О	Release of eggs or offspring

0	None of the above
110 Poly	of 100 PU_2016_119_E mers are well defined as:-
0	Micromolecules
0	Submicromolecules
0	Macromolecules
0	Normal molecules
132 Wha	of 100 PU_2016_119_E at kind of symmetry occurs in sea anemone?
0	Bilateral
0	Asymmetry
0	Radial
0	None of the above
133	of 100 PU_2016_119_E at is the blood colour of crayfish:- Green Blue
0	White
164	PU_2016_119_E ce elements in seawater include:- Sodium and chlorine Sodium and aluminum Chlorine and potassium Iron and strontium
128	of 100 PU_2016_119_E ysone is:-
0	PGH
0	ВН
0	JH

0	PTTH
106 "Sur	of 100 PU_2016_119_E vival of the fittest" was propounded by:-
0	Darwin
0	Lamarck
0	Spencer
0	De Vries
109 Anc	of 100 PU_2016_119_E estral history of an organism is known as:-
0	Phylogeny
0	Ontogeny
0	Evolution
0	Biogenetic law
146	PU_2016_119_E mesopelagic zone ranges to depths of:- 150 m 4000 m bottom of tidal zone
0	2000 m
138	of 100 PU_2016_119_E large conch shell "Shankh" is known as:-
0	Turbinella
0	Mytilus
0	Pinctada
154 Brad	of 100 PU_2016_119_E chiopoda are also called as:-
0	Cowries
0	Tusk shell
0	Lamp shell

0	Turban shell
253 Sed	of 100 PU_2016_119_M iments in the marine environment, which is formed as a result of chemical process:-
0	hydrogenic
0	Biogenic
0	Terrigenous
0	Authigenic
229 Fluc	of 100 PU_2016_119_M prescence microscopy is based on the ability of certain molecules to:-
0	Absorb light of different wavelength
0	Absorb light of a given wavelength and emit light at shorter wavelength
0	Absorb light of a given wavelength and emit light of a longer wavelength
0	Absorb light of a constant wavelength
234 Wha	of 100 PU_2016_119_M at is the most advance method of classification of organism?
0	Morphology
0	16S RNA sequence
0	Biochemical characterization
0	Gram staining
255	of 100 PU_2016_119_M te caps in the sea are formed due to:-
0	Tsunami waves
0	Tidal phenomena
0	Storm surges
0	Wind and water interaction
227 Whe	of 100 PU_2016_119_M en sunlight is on the chloroplast, pH is lowest in the:-
0	Space enclosed by the inner and outer membranes
0	Stroma
0	Space enclosed by the thylakoid membranes

0	Cytosol
246 The	of 100 PU_2016_119_M Ight emitted by Noctiluca is due to:-
0	Fluorescence
0	Bioluminescence
0	Reflection of light
0	None of the above
241	
	Adsorption
0	Osmosis
0	Transfusion
0	Diffusion
235	of 100 PU_2016_119_M bacterium contains:- A plasmid integrated into its chromosome
0	Ability to undergo transduction
\circ	Chromosome acquired from recipient cell
0	Usual Plasmids
248	of 100 PU_2016_119_M ymorphism occurs due to:- Monogenic inheritance
0	Polygenic inheritance
0	Both of the above
0	None of the above
233	of 100 PU_2016_119_M at is the mechanism behind the movement of eukaryotic cilia and flagella?
0	Dynein moving on microfilaments

-	
0	Kinesin moving on microfilaments
О	Dynein moving on microtubules
247	of 100 PU_2016_119_M ch of the following is not an amino acid?
0	Benzidine
0	Arginine
0	Lysine
0	Apartic acid
220	of 100 PU_2016_119_M lrogen bonds in α-helix are:-
0	Within a single chain
0	Only between amino acids of opposite charge
0	Between the chains that run side by side
	Between polar amino acids and water
242	of 100 PU_2016_119_M ter is a liquid due to:-
0	Hydrogen bond
0	Covalent bond
0	Sigmoid bond
0	lonic bond
74 of 100 256 PU_2016_119_M In the vertebrates, the type of blood circulation is:-	
0000	Made of blood vessels
	Made of blood sinuses
	Open type
	Closed type
75 of 100 228 PU_2016_119_M Cyanobacteria differ from purple and green photosynthetic bacteria as:	
0	Do not require light
0	Use H ₂ S as an electron donor

0	They have nucleus enclosed by membrane
0	Produce oxygen during photosynthesis
243 The	PU_2016_119_M acid in which -COOH group is not present:- Picric acid Palmitic acid Ethanoic acid
221 The	Lactic acid of 100 PU_2016_119_M Bohr effect in hemoglobin refers to the:-
0	Reduced affinity for O ₂ at lower pH
0	Increased affinity for O ₂ at lower pH
0	Effect of pH on hemoglobin and myoglobin
	Higher pH found in actively metabolizing tissues
244	of 100 PU_2016_119_M se earth's atmosphere, electrical conductivity increases with the altitude due to:-
0	Accelerated proton
0	The charge
0	Voltage
0	Reflection of atmosphere
240	of 100 PU_2016_119_M taxonomically different species are distinguished from each other due to:-
0	Their inability to interbreed
0	Discontinuity in a set of correlated characters
	Ability to exchange genes freely
	Similarity in morphological characters
80 of 100 226 PU_2016_119_M In the pyrimidine ring, atoms are derived from:-	
0	Carbamoyl phosphate and aspartate
0	Glycine

0	Aspartate
0	Glutamine
279	PU_2016_119_D cells which secrete male sex hormone testosterone are:-
0	
0	Lieberkiihn
0	Leydig's cell
	Crypt cells
293	of 100 PU_2016_119_D gal disease in human is caused by: Inhalation of conidia
0	Contamination of wounds with conidia or myceliat fragments
0	Invasion of mucous membrane
0	All of the above
	of 100
267	PU_2016_119_D glands as a means of escape from predators are present in:-
	Unio (Pelecypoda)
0	Sepia (Cephalopoda)
0	Pila (Gastropoda)
0	Dentalium (Scaphopoda)
273	of 100 PU_2016_119_D ong coelenterates medusoid individuals are absent in members of the class:-
0	Anthozoa
0 0 0	Scyphozoa
	Hydrozoa
	None of the above
271 The	of 100 PU_2016_119_D planula larva is found in the life history of:-
0	Anthozoan
0	Hydrozoan

0	Scyphozoan
0	All of the above
262 Nere	of 100 PU_2016_119_D eis is commonly called:-
0	Ring worm
0	Earthworm
0	Calm worm
0	Round worm
268	of 100 PU_2016_119_D il fish is the common name of:- Sepia Teredo Loligo
0	Octopus
264	of 100 PU_2016_119_D rnal shell is present in:- Lamellidens Sepia Chiron Pila
281	of 100 PU_2016_119_D agen is:-
0	Lipid
0	Carbohydrate
0	Fibrous protein
	Globular protein
282 Skel	of 100 PU_2016_119_D letal muscle fibre is:-
0	anucleated
0	uninucleated

0	binucleated Multinucleated
278	PU_2016_119_D central fluid filled cavity of the blastula is known as:- Morula Blastocyst Archenteron Blastocoel
289	PU_2016_119_D iodine used in Gram staining serves as a:- Chelator Cofactor Mordant Catalyst
296	PU_2016_119_D iple antibiotic resistance is mediated by:- a) Episome b) Plasmid c) Colplasmid d) Both b and c
287	PU_2016_119_D vesicles in bacteria:- Store oxygen for growth anaerobically. Are bounded by a membrane impervious to gas Help move cells to optimal nutrient levels. Are bounded by a lipid bilayer membrane.
260	of 100 PU_2016_119_D echinoderms are related to chordates by their similarity in the development of:- coelom gut

0	nervous system
0	heart
270	of 100 PU_2016_119_D poisonous fluid present in the nematocysts of Hydra is:- Haematin Hypnotoxin
0	Venom
\sim	Toxin
283 Faso	PU_2016_119_D ciola hepatica is an endoparasite that lives in the:- spleen of sheep Intestine of sheep
0	blood of sheep
0	liver of sheep
290 Han	PU_2016_119_D ging drop method for motility study was first introduced by:- Robert Koch Jenner Louis Pasteur Leeuwenhock
276 The	of 100 PU_2016_119_D first invertebrates to develop a true nervous system are:-
\circ	
0	Flat worms
0	Coelenterates
	Sponges
266	of 100 PU_2016_119_D respiratory organs in a freshwater mussel are:-
	Pulmonary sacs
	Gills

Respiratory siphons

Book lungs