PHYSICS

1.	In motion of satellites, necessary centripetal force is provided
	by:

A. Gravitational Force

B. Coulomb's Force

C. Magnetic Force

Nuclear Force D.

In ripple tank 40 waves pass through a certain point in one second. If the wavelength of the waves is 5cm, then find the 2. 40 v= fh speed of wave.

A. 2.7 m/s

B. 3 m/s

C. 200 m/s

D. 2 m/s

= 40×5×10-2

= 200

The product of frequency and time period is equal to: 3.

A. 2

B. 3

C. 0

D.

Trough of a wave acts as:

A. Concave lens

B. Convex lens

C. Convex mirror

In Doppler effect if listener moves towards a stationary source 5.

Observed frequency is greater than original frequency Observed frequency is less than original frequency then:

A.

Observed frequency is equal to original frequency

Observed frequency is independent of original frequency B. C. D.

Refrigerator is an example of: 6.

A. First law of thermodynamics

Second law of thermodynamics B

Newton law of motion C

Entropy

7.	cyctom 2	ain process, 400J of heat energend at the same time 150J of which the same time 150J of which the increase in internal energy of	ork is done by the
8.	The rapid A. Isoth B. Adial C. Isoba D. Isoch	aric	an example of:
9.	A. 1st La B. 2nd L C. Law D. Law	cle pump works on the basis of: aw of thermodynamics aw of thermodynamics of conservation of energy of entropy	The electric
10.	A. Add B. Red C. Ren	sitive point charges are placed 2m If at mid-point due to these two charged to double uced to half hains same (no effect) cel each other effect	
11.	Which	one of the following is the light? le if its range is equal to its height?	
		IG II Its range	
	A. 48° B. 60°		
	C. 90°		
	D. 76°		Al'
		and time is equal to:	F. A FE AF
12	The pro	oduct of force and time is equal to:	
	A. Ang	jular momentum	
	B. For	ce ange in momentum	
	C. Ch	ange in moment	
	D. Ve	ocity	
			06400

13. The time equal to A. Force B. Mon C. Pow D. Acce	: e nentum er	of linear momentum of a body is
50cm. W A. 5 J B. Zero C. 31.4 D. 500	Vhat is work done in 12 J J	dy around a circular path of radius n completing one revolution?
at 10m A. 196 B. 14 C. 10 D. 100	height. 5 ms ⁻¹ ms ⁻¹ ms ⁻¹) ms ⁻¹	high platform. Find its falling speed
A. Dis B. Po	spiacement wer	placement graph gives us:
A. El	ontum	ay has about the same energy as:
B. 1 C. 0 D. 2	liter of petrol .5 liter of petrol liter of petrol	
A. 2 B. 3 C. 9	complete circle is ec 2 radian 3 radian 5 radian 6 radian	Page 4 of 32

A. More frequency, less wavelength B. Less frequency, less wavelength C. Less frequency, more wavelength D. More frequency, more wavelength	26.	Re	d light is used in photographic dark room because of:
 C. Less frequency, more wavelength 		A.	More frequency, less wavelength
 C. Less frequency, more wavelength 		B.	Less frequency, less wavelength
D. More frequency, more wavelength		C.	Less frequency, more wavelength
D. Word Wedgestroy:		D	More frequency, more wavelength
	27.	Fo	r gaining an atomic spectra, an evacuated glass to

- For gaining an atomic spectra, an evacuated glass tube is filled with:
 - A. Neon
 - B. Hydrogen
 - C. Carbon dioxide
 - D. Sulphur dioxide
- 28. During production of x-rays the cathode and anode are enclosed inside an evacuated glass chamber and high DC voltage of the order of:
 - 1000 V is maintained
 - B. 10,000 V is maintained
 - C. 25,000 V is maintained
 - D. 50,000 V is maintained
- 29. Half-life of iodine-131 is 8 days. If 20mg is present initially, how much iodine is left behind after 2 half-lives?
 - A. 10 mg
 - B. 5 mg
 - C. 2.5 mg
 - D. 1.25 mg
- 30. 4.5 x 109 years is the half-life of:
 - A. U²³⁴
 - B. U²³⁵
 - C. U²³⁸
 - D. C14
- When a charge "Q" on a capacitor is doubled then energy stored "U" will:
 - A. 2 U
 - B. 3 U
 - C U/2
 - D 4 U

1 QV

32.	between them, the capacitance of	
	A Increases	A6 - 20 6
	B. Decreases	A6 = 30 8
	C. Remains unchanged	
	D. Depending upon temperature	
33.	If we double the separation	between two charges then
	coulomb's force will become?	No. 10 City
	A. Doubled	K 01.0/2 = (00)
	B. Half	8
	C. 4-times D. 1/4 th	
	D. 11-1-	
34.	The power of an electric bulb is	s 100W. It is connected to 110V
	nower euroly. The registance of	f plactric bulb will be r
	A. 11 ohm	100)2 = 12100
	B. 121 ohm	100
	C. 20 ohm	70-
	D. 200 ohm	
35.	battery when: A. Battery is charging B. Battery is discharging C. Battery is connected with R D. Battery is connected with volta	tmeter
36.	The temperature coefficient of	of semi-conductor is negative
	A. Resistance increases with inc	Crease of temperature
	Resistance decreases with the C. Resistance decreases with de D. Resistance remains same with the control of the control	th topegap of temperature
	 D. Resistance remains same with 	
37.	If length of the wire becomes and area becomes one hal	10 10
	resistance of the wire becomes	a at et a
	A. Double	E- 0 - 4/2 - F
	B. Four times C. One half	
	D. One fourth	06408
	D. Olio louini	00400
	4	***

38.	The unit of resistivity is:		The same of
	A. ohm B. ohm meter C. ohm / meter D. meter / ohm		
39.	1 kilowatt hour = A. 1.6 x 10 ⁻¹⁹ J B. 3.6 x 10 ⁶ J C. 9.1 x 10 ⁻³¹ J D. 1.67 x 10 ⁻²⁷ J		
40.	It is a null type resistance device for meas differences: A. Galvanometer B. Ohmmeter C. Ammeter D. Potentiometer	suring	potential
	CHEMISTRY		
41.	Which statement is true about electron affinity? A. The value of electron affinity is always positive B. The value of electron affinity is always negative C. The value of first electron affinity is always positive D. The value of first electron affinity is always negative	e itive	
42.	The bond which is based on attractive for oppositely charged ion is: A. Covalent bond B. Dative bond C. Ionic bond D. Metallic bond	orces	between
	Which statement is incorrect regarding a chemic A. Bond is formed by the overlapping of half-filled on Bond is formed by the attraction of positive and C. Bond is formed by the overlapping of "s" orbital in Bond formed by the large sized atoms is strong	orbitals negativis stron	ve ions ig
4. 7	The carbonates of alkali metals are soluble in wa	ter ex	ept:
E	11.00	064	08

45.	The	nitrides of alkaline earth metals hydrolys	e with water to
	form	1:	
	A	NH ₃	
	В	H ₂	
	C.	N ₂	
	D.	ИО	
46.	The	flame colour of Ca in flame test is:	
40.		Orange red	
		Golden yellow	
		Red	
	D.	Pink	
47.		ich of the following is the most stable metal	carbonate?
		BaCO ₃	
		MgCO ₃	
		CaCO ₃	
	D.	SrCO ₃	
48.		binding energy of transition metal increase	upto group:
	Α.	IIB	
	В.	IV B	
	C,	IIIB	
		VI B	
49.	Iso	merism due to shifting of proton from one	atom to another
		a same molecule is known as:	
		Metamerism	
	B	Tautomerism	
	C.	Position	
	D.	Functional i anthon attac	hed to hydroxy
50.		-Butyl alcohol has following carbon attack	,,
	_	Tertiary Secondary C/3-57- (1)2-	041
		Tertiary	
		Quartenary	
		Primary	
51		cidation of alcohol gives:	
		Amines	
	-	Alkane	06400
		Aldehyde	06408
	D	Alkynes	
		Fage 9 of 12	

52. Butanone on oxidation with K2Cr2O7 / H2SO4 forms: A. Acetic acid B. Acetic acid & Ethane C. Methane & Propanoic acid

Hydrolysis of Nitriles produces:

D. Propanoic acid & Methanoic acid

- A. Carboxylic acid
- B. Aldehydes
- C. Ketones
- D. Esters

54. Acetic anhydride is a product of acetic acid, as a result of the following reaction:

- A. Dehydration
- B. Reduction
- C. Oxidation
- D. Esterification

Which of the following enzyme is raised in rickets?

- A. Lactic dehydrogenase
- B. LDH-I
- C. Phosphatase
- D. Alkaline phosphatase

For a gaseous reaction, the increase in pressure will shift the equilibrium in a direction:

- A. Decreased concentration
- B. Increased concentration
- C. Decreased volume
- D. Increased volume

57. Acidic buffer consist of:

- A. Strong acid and salt of it with a weak base
- B. Weak acid and salt of it with a strong base
- C. Strong acid and salt of it with a strong base
- D. Weak acid and salt of it with a weak base

The pH of human blood is maintained between:

- B. 7.55 to 7.65
- C. 7.00 to 7.25
- D. 7.85 to 7.95

66. The breakdown of a substance with current is:

- A. Thermolysis
- B. Catalysis
- C. Electrolysis
- D. Photolysis

67. Which of the following is balanced redox equation?

- A. Na + Fe3+→ Na1+ + Fe
- B. $Zn + Ag^{1+} \rightarrow Zn^{2+} + Ag$
- C. 3Na + Fe³⁺ → 3Na¹⁺ + Fe
- D. 2Zn + Ag¹+→2Zn²+ + Ag

68. Stronger is the oxidizing agent, greater is the:

- A. Oxidation potential
- B. Reduction potential
- C. Redox potential
- D. EMF of cell

69. Type of bonding in Sodium (Na) is:

- A. Metallic
- B. Ionic
- C. Covalent
- D. Co-ordinate Covalent

70. Which of the following Halogens molecules has maximum bond energy?

- A. F-F
- B. CI-CI
- C. Br-Br
- D. 1-1

71. Half atmospheric pressure is:

- A. 400 torr
- B. 50622 Pa
- C. 101.3 Pa
- D. 8.5 pounds

72. The values of S.T.P for 1 mole of any ideal gas is:

- A. 273.16 K & 1 atm
- B. 0°C & 1 mm Hg
- C. 273 16°C & 1 atm
- D 0 K & 1 atm

The buffer solution is not formed for: 59.

- A. NH4OH + NH4CI
- B. CH₃COOH + CH₃COONa
- C. C₆H₅COOH +C₆H₅COONa
- D. HCI + NaCl

60. In the reaction

H₂ + CO₂ ↔ H₂O + CO

the decrease in the concentration of CO2 will shift equilibrium:

- A Towards left
- B. Towards right
- C. Nothing happens to the equilibrium
- Equilibrium will shift towards both the directions

61. At equilibrium the concentration of reactants and product become:

- A. Zero
- B. Equal
- C. Constant
- D Infinite

62. The effect of temperature on the rate of a reaction is given by:

- A. Henderson's equation
- B. General gas equation
- C. Arrhenius equation
- D. Vander Waal's equation

In a reversible reaction, catalyst lowers the activation energy 63. of the:

- A. Forward reaction
- Reverse reaction
- Forward as well as reverse reaction
- Forward reaction but increases that of the reverse reaction

The rate of reaction: 64.

- A. Increases as the reaction proceeds
- Decreases as the reaction proceeds
- Remains the same as the reaction proceeds May decrease or increase as the reaction proceeds

0.5 molar solution NaOH contains: 65.

- A. 40g NaOH in one dm³
- B. 80g NaOH in one dm³
- C. 10g NaOH in one dm³
- 20g NaOH in one dm³

73.	The expression PV = nRT represents the:
75.	A. Dalton's law
	B. Avogadro's law
	C. General gas equation
	D. Vander Waal's equation
74.	Pressure remaining constant, at which temperature volume of gas will become twice to the volume at 0°C? A. 546 °C B. 200 °C C. 546 °K D. 273 °C
75	A graph between volume and temperature gives a straight line
75.	which cuts the temperature axis at:
	A. 0°C
	B. 273°C
	C. 546°C
	D273°C
	 What is not true for effusion of gases? A. Movement of particles through small opening B. Movement of particles from high pressure to low pressure C. Movement of particles due to escaping tendency one by one D. Movement of particles due to collision among themselves
77	Upon which factor vapour pressure is independent:
	A. Temperature B. Intermolecular forces
	C. Density of liquid
	D. Surface area of liquid
78.	Solid water is expanded times when it is compared with same volume of liquid water :
	A. 9
	B. 5
	C: 6
	D. 2
79.	Molar heat of vaporization is the amount of heat required to
	convert one mole of: A. A liquid into its vapours at its boiling point
	B. Liquid into its vapours
	C. Solids into vapours U0408
	D. Solid into liquid at its melting point
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86.	Many elements because: A. Mass of atom B. Atomic masse C. Atomic masse D. Atomic mass to their abund	is itselfes are a es are a es are a es are	fractional verage mass	ses of iso	bars topes		
87.	Mass of 1 molect A. 6.02 x 10 ²³ g B. 32 / 6.02 x 10 C. 32 g D. 0.32 g	ule of 0 / 32 0 ²³ g					
88.	The number of	moles	of CO ₂ wh	ich conta	ain 8.0 g c	of oxyg	jen
	are: A. 1.0 B. 4.50 C. 0.50 D. 0.25			44			
89.	both compound A. H ₂ O & H ₂ O B. C ₆ H ₁₂ & C ₆ C. H ₂ S ₂ O ₃ & H D. C ₆ H ₁₂ O ₆ &	i ds: 2 H ₆ H₂SO₄ CH₃CO	OH <#20)		rmula	for
	A. 6.02 x 10 ² B. 6.02 x 10 ² C. 6.02 x 10 ² D. 3.01 x 10 ²	3 4 2 3					o f
	 What are the CO₂? A. 6.022 × 1 B. 1.505 × 1 C. 2.00 × 10 D. 1.505 × 1 	0 ⁷ 0 ²³ 2 ³ 0 ¹⁵			cles in 0.25	moles	. 01
5	92. The charge of A. 1.7588 x	on one	kg of electro	n is:			
	B. 1.65 x 10 C. 9.1095 x D. 7.9x 10	10 ⁻³¹ C	Page 15 of 1	,	06	5408	
			FAST 43 OF 1				

- 80. At transition temperature of crystalline solid, substance
 - A. In most stable geometrical form
 - B. Solid and liquid state
 - C. In dynamic equilibrium between two crystalline forms
 - D. In one solid geometrical form only
- Some substances lack definite heats of fusion. These 81. substances are:
 - A. Isomorphs
 - B. Polymorphs
 - C. Amorphous solids
 - D. Crystalline solids
- Thermal conductivity of metals is due to: 82.
 - A. Layered structure of metals
 - B. Freely moving electrons
 - C. Loosely held metal atoms
 - D. Vibrational movement of metals
- Ice floats on the surface of water due to: 83.
 - A. Larger bond length
 - B. Cubic structure of ice
 - C. Weak intermolecular forces
 - D. Empty spaces in the structure of ice
- When number of moles of reactants and products are equal in reversible reactions, which parameter would not affect at 84. equilibrium?
 - A. Temperature
 - B. Pressure
 - C. Volume
 - D. Catalyst
- By which of the following factors equilibrium state is attained earlier? 85. earlier?
 - A. Temperature
 - B. Pressure
 - C. Concentration
 - D. Catalyst

93.	Which of the following fundamental particles a mass/kg? A. Electron, neutrino B. Electron, proton C. Proton, neutrino D. Neutron, proton	lave same
94.	The lightest positive rays obtained is from: A. Hydrogen gas B. Helium C. Neon D. Air	
95.	The amount of energy associated with quantum of directly proportional to: A. Photon B. Wavelength C. Frequency D. Velocity	radiation is
96.	 X-rays are defined as: A. Electromagnetic radiations of high mass number B. Electromagnetic radiations of very high frequency C. Electromagnetic radiations of high wavelength D. Electromagnetic radiations of high energy 	
97	 Which of the following orbital will be filled first that A. 4s B. 2p C. 3d D. 1s 	n 4p?
91	 8. Maximum electrons can be placed in one of A. 1 B. 2 C. 3 D. 4 	rbital:
,	99. Mass of electron in a.m.u is: A	06408

106.	lde	ntify the errors and choose the correct option in the rehersel sesion started and we have litter.	on: le times to spa
		other activities	- cpa
	A.	The rehearsal session started and we have I for other activities.	ittle time to spare
	B.	The rehearsal session started, and we little other actevities.	time to spare fo
	C.	The rehearsal session starts and we has little other activities.	time to spare fo
	D.	We are little time to spare for other activitie session starts.	s, the rehearsals
107.	Lio	in the blank with appropriate option: ns, like any other carnivore, on meat. Live	
		Lives	
		Does live	
		Living	
108.		in the blank with appropriate option:	
	The	e cattle away the crops.	
	A.	Has eaten	
	В,	Is eating	
	C.	Have eaten	
	D.	Have been eating	
109.		word 'LABYRINTH' means:	
		Maze	
		Heap	
		Hive	
	D.	Knack	
110.		k the correct option: ese are old those are new.	
	7.	These, are old, those are new.	
		These are old; those are new.	
		These are old; those are new.	
		These are old those are new.	
111.	-	ned carried out his duty according	_ instructions.
		To	
		Under	06408
		An	00400

112. Identify the errors and choose the correct option: the first space travellr was dennis tito from united states The first space traveller was Dennis Tito from the United States B. The First Space Traveller was Dennis Tito, from, the United states C. The first space traveller was Dennis Tito-from united State D. The first space travaler was Dennis Tito, from the United States 113. Select the right sentence. He opened the square red wooden box. He opened the red square wooden box. He opened the wooden red square box. D. He opened the red wooden square box. 114. Fill in the blank. I can't walk _____. A. Farther B. Far C. Further D. Away 115. Can you tell this fact _____his face? A. To B. On C. Upon D. At 116. Choose the correct option. A. The Three Musketeers was written by Dumas. B. The Three Musketeers were written by Dumas. C. The Three Musketeers has written by Dumas. The Three Musketeers have written by Dumas.

- 117. They have painted their house purple. The sentence is an example of:
 - A Monotransitive
 - B. Ditransitive
 - C. Complex transitive
 - Reflexive transitive

He was A. Fro B. By,	ough, for	obbers	_ a hatchet.	
A. "We B. "We C. "We	the correct opt Il no, perhaps no Il, no, perhaps no Il, no perhaps no Il no perhaps, no	t sir" ot sir". t sir"		
	i	lumbled".		
		BIOLOGY		
class? A. Class B. Class C. Class	s Fish s Amphibia	hanism is the	characteristic of whice	cł
A. Move B. Preve C. Push	tion of papillary blood from semi ent the backward the blood from rig the blood from le	lunar valve into flow of blood fr ght atrium to let	pulmonary vein om the ventricle ft atrium	
123. Choose th	he correct pathy	vay for the flow	w of blood: oroughfare channel —	-
capilla	iries		l metarterioles	-
capilla C. Thorou	ries Jghfare channe		es capillaries	-
D. Metart	erioles erioles arte	rioles thor	roughfare channels	•
capilla	ries		06408	

124.	ntrinsic factor is secreted by: A. Pancreas B. Liver C. Stomach D. Duodenum
	Gaseous exchange in plants takes place through the: A. Stomata B. Mesophyll C. Endoderm D. Xylem
126.	ranslocation of organic solutes in plants takes place hrough: a. Companion cell b. Fibres c. Sieve tubes d. Vessels
127.	the only vein in the human body carrying oxygenated blood Example 1. Femoral Example 2. Pulmonary Example 3. Renal Example 3. Iliac
	he cells which play very important role in developing nmunity are: . Monocytes . Neutrophils . Lymphocytes . Thrombocytes
	hich of the following blood vessels have the highest ressure of blood? Aorta Pulmonary arteries Pulmonary veins Vena Cava
í	utolmmune diseases act at the principle of: Self against antigens Antigen against self Self against self Antigen self-destroyed

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158. During feedback inhibition, which of the follows part of enzyme is involved? A. Active site B. Binding site C. Catalytic site D. Allosteric site	ng structural
Which of the following enzymes does NOT need A. Hexokinase B. Pepsin C. Alcohol Dehydrogenase D. Carbonic anhydrase	a co-factor?
160. If another molecule, having a shape very senzyme's substrate, binds to its active site, the enzyme's function: A. Fasten B. Inhibit C. Reverse D. Decrease	similar to the it would then
161. Myofibrils within the muscle fibres contain to filaments made up of and resp. A. Myosin and Actin B. Globulin and Albumin C. Troponin and Tropomyosin D. Fibrin and Fibrinogen	
A. Coccygeal vertebrae B. Cervical vertebrae C. Sacral vertebrae D. Lumbar vertebrae	
 163. Which vertebrae together are called pelvic vert A. Coccygeal and lumber B. Sacral and lumber C. Sacral and coccygeal D. Sacral and thoracic 	ebrae?
A. 33 pairs B. Mostly mixed nerves C. Dorsal root contains sensory neurons D. Ventral root contains motor neurons	06408

178.	Within the chromosomes, each chromatid contains	
	DNA molecule:	
	A. One	
	B. Two	
	C. Three	
	D. Half	
	Modification in the organization of the basic penta structure found in vertebrates provides good evide principle of: A. Adaptive radiation B. Convergent evolution C. Genetic drift D. Inheritance of acquired characters	nce for the
180.	Which one of the following is a genetic disorde abnormally thick mucus is produced in the lungs parts of the body? A. Lung cancer	and other
	B. Chronic bronchitis	
	C. Cystic fibrosis	
	D. Emphysema	
181.	Oxygen released into the atmosphere comes from: A. CO ₂ B. H ₂ O C. C ₆ H ₁₂ O ₆ D. CO ₂ and H ₂ O	
182	End product of glycolysis in yeast is:	
.02.	A. Ethanol and Carbon dioxide	
	B. Lactate	
	C. Pyruvate	
	D. Acetyl Co. A	
183.	First infectious disease against which effective prevention developed was a: A. Bacterial disease B. Viral disease C. Protozoan disease D. Viroid disease	method of
		5408
	Ut)4UO

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1	infection is caused by a vi A. Hepatitis A B. Hepatitis D C. Mad Cow disease D. Mysterious brain infection	iroid :
	Numerous opportunistic diseases suffering from which of the following A. Measles B. Influenza C. Hepatitis A D. AIDS	might attack a person diseases?
186.	A combination of alpha interferon are treatment of hepatitis: A. B B. A C. D D. C	nd ribavirin is used for the
187.	A. Light B. Desication C. pH D. Heat	but spores are :
188.	In which phase of bacterial growth, rate? A. Lag phase B. Log phase C. Stationary phase D. Decline phase	thoy divide at exponential
	Select a method which causes the constituent of a bacterial cell: A Steam B. Dry heat C. Filtration D. Radiation D. How does chemosynthesis differ from A Source of energy B. Production of organic compounds	
	Reduction of CO ₂ Carried out by bacteria	06408

191. Which one locomotion?

A Amceba

B. Parameen

C. Forams Radiolana

D

192. Aspergilosis

Male

B Female

AIDS pate C. Athletes D

193. Select a sess Trichenyn

B Trypanosc

Choanofla

D. Euglena

194. Many

structures ca A. Protozoa

B Porifera

C. Echinode

D. Fish

195. Chlorophyta resemble pla

Chloroph

11 Starch as

C Cellulose

D Mullicellu

196. Asexual spo

A. Conidios

11 Zygospo

C. Авсовро

Basidios

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191					diff	erent	with	resp	ect t	ie its	mee	ies c	i.
			tion?										
			0604										
			34.60	RAIL									
	-	For											
	-		iiolan										
192.	As	perg	ilosis :	is	a	funga	l infe	ection	and	occi	irs (only	in
	A	Mal	e										
	5	Fen	nale										
	C	AID	S pat	ent									
		Ath											
193.	Se	lect a	sess	ile z	oofla	agella	te:						
	A.	Tric	henyr	npha									
	B	Try	panos	oma									
	C.	Cho	anofi	agella	ite								
	D.	Eug	lena										
						-1 12		mount	of	water	by	speci	ai
194.	Ma	ny _			exp	el la	rge al	mount	of	water	by	speci	ai
194.	Ma str	uctur	es ca	lled	exp cont	el la ractile	rge al	mount oles:	of	water	by	speci	ai
194.	Ma str A.	Prot	es ca ozoa	lled	exp	el la ractile	rge al vacu	mount oles:	of	water	by	speci	ai
194.	str A. B.	Prot Pori	r es ca ozoa fera	lled	exp	el la ractile	rge al	mount oles:	of	water	by	speci	aı
194.	str A. B. C.	Prot Pori Echi	es ca ozoa fera inoder	lled	exp	el la ractile	rge al	mount oles:	of	water	by	speci	ai
	A. B. C. D.	Prot Pori Echi Fish	res ca ozoa fera inoder	lled m	cont	ractile	vacu	oles:					
	A. B. C. D.	Prot Pori Echi Fish	res ca ozoa fera inoder	lled m	cont	ractile	vacu	oles:					
	str A. B. C. D.	Prot Pori Echi Fish	es ca ozoa fera inodei	m are c	ont	dered	vacu	oles:		water			
	str A. B. C. D.	Prot Pori Echi Fish	es ca ozoa fera inodei hyta e plai	m are c	onsi hav	dered	vacu	oles:					
	Str A. B. C. D. Chi res A.	Prot Pori Echi Fish lorop embl	es ca ozoa fera inoder hyta e plan	m are c ats in	onsi hav	dered	vacu	oles:					
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195.	str A. B. C. D. Chi res A. B. C. D.	Protection	hyta e plan ch as ulose icellula	m are c ats in a a store cell w ar sex	onsi hav nd b d foo vall k org	dered ring: od	to be	oles:					
195.	Str A. B. C. D. Chi res A. B. C. D.	Prote Pori Echi Fish Chlo Stare Cellu Multi	hyta hyta lose lose lose lose lose lose lose spore	mare conts in a store cell war ser	onsi hav nd b d foo vall k org	dered ring: od	vacu	oles:					
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195.	Str A. B. C. D. Ch res A. B. C. D.	Prote Pori Echi Fish Chlo Star Cellu Multi Exual Coni Zygo	hyta inoder hyta i	mare conts in a a store cell war seriores	onsi hav nd b d foo vall k org	dered ring: od	to be	oles:					
195.	Str A. B. C. D. Ase A. B. C. D.	Prote Pori Echi Fish Chlo Stare Cellu Multi Zygo Asco	hyta inoder hyta inoder hyta inoder hyta inoder hyta inoder hyta inophyta inophyta inose inogen hyta inose inogen hyta inose inophyta inophyt	mare conts in a store cell war sex of ores	onsi hav nd b d foo vall k org	dered ring: od	to be	oles:					
195.	Str A. B. C. D. Ch res A. B. C. D.	Prote Pori Echi Fish Chlo Stare Cellu Multi Zygo Asco	hyta inoder hyta i	mare conts in a store cell war sex of ores	onsi hav nd b d foo vall k org	dered ring: od	to be	oles:					

197. Which characteristic led to the evolution of seed?

- A. Heterogamous condition
- B. Development of heterospory
- C. Embryo formation
- D. Protection of reproductive cells

198. The term which is not related to the process of evolution of leaf:

- A. Overtopping
- B. Planation
- C. Heterospory
- D. Fusion / webbing

199. The most successful land adapting plants are:

- A. Mosses
- B. Ferns
- C. Gymnosperms
- D. Angiosperms

200. Excretory system consisting of protonephridial tubes are present in phylum:

- A. Porifera
- B. Annelida
- C. Platyhelminthes
- D. Cnidaria

145.	Fibers of extracellular matrix are attached toi plasma membrane: A. Phospholipids B. Carbohydrates C. Glycolipids D. Proteins
146.	organelles involve in the synthesis of plant cell wall A. Endoplasmic reticulum B. Golgi complex C. Lysosomes D. Peroxiosomes
147	Select the pair of organs which contains a large number of mitochondria: A. Stomach & Liver B. Muscle & Stomach C. Heart & Liver D. Liver & Muscle
148	Which of the following cells does not have nucleus? A. Muscle cell B. Nerve cell C. White Blood cell D. Red Blood cell
149.	Most abundant organic compounds in mammalian cell are: A. Water B. Lipids C. Carbohydrates D. Proteins
150.	Second most abundant bio element in human body is: A. Oxygen B. Carbon C. Hydrogen D. Nitrogen
	Serine Choline Chositol Chanolamine Chanolamine
	D. Ethanolamine 06408

138.	A. B. C. D.	Kidneys Hypothalamus	ostat?
139.	is (A.B.C.	e uptake of sodium in the ascending lincontrolled by: Aldosterone ADH Glucosterone Thyroxin	mb of loop of Henle
	A. B. C. D.		
141.	pro A. B.	ief material present in the cell walls of okaryotic cells are: Proteins Lipids Polysaccharides Phospholipids	plants, fungal and
	A. B. C. D.	Elaioplast Proteinoplast Etioplast	
143.	CON A. B.	ich type of movement through cell membersuming process? Endocytosis Exocytosis Active transport Osmosis	brane is not energy
144,	Cho	olesterol molecules in plasma membra :	ne are present in
	A. B. C. D.	Outer membrane of phospholipid Inner membrane of phospholipid Both layers of phospholipid Between bilayers of phospholipid	06408