## TOLLIC EDILCATION

	GPLUS ED	UCATION
Date : Time : Marks :		BIOLOGY
	THE LIVIN	G WORLD
	Single Correct	Answer Type
1.	Biosystematics aims at  a) The classification of organism based on their evo the totality of various parameters from all fields b) Identification and arrangements of organism on c) The classification of organisms based on broad n d) Delimiting various taxa of organisms and establish	the basis of their cytological characteristics norphological characters
2.	Phenetic classification of organism is based on a) Observable characteristics of existing organisms b) The ancestral lineage of existing organism c) Dendrogram based on DNA characteristics d) Sexual characteristics	
3.	A is a collection of pressed, dried and preserved further reference A and B in the above statement refers to a) A-Herbarium; B- b) A-herbarium; B- mounted on thin film mounted on a paper sheet	plantsB labelled arranged systematically for  c) A-Museum; B-mounted d) A-Garden; B-mounted on a paper sheet
4.	Arrange the following in the ascending order of Lina) Kingdom-Order-Species-Genus-Class-Family-Phyb) Kingdom-Family-Genus-Species-Class-Phylum-Oc) Kingdom-Phylum-Class-Order-Family-Genus-Species-Genus-Family-Order-Class-Phylum-King	rlum rder ecies
5.	Where was the first herbarium set up? a) London in Great Britain c) New York in USA	b) Pisa in Italy d) Tokyo in Japan
6.	Animal of the same phylum are grouped below. Cho a) Shark, snake, whale, reptiles b) Insect, spider, shrimp c) Snail, squid, slug d) Earthworm, millipede, leech	
7.	Systematic botany means a) System analysis c) Systematic study of organelles and tissues	<ul><li>b) Systematic arrangement of organs of plants</li><li>d) Methodical study of plants, dealing with identification, naming and classificartion</li></ul>

c) Phylum b) Species a) Genus d) Kingdom 11. Process of metabolism leads to

10. Identify from the following the only taxonomic category that has a real existence.

What is the symbol of Bombay Natural History Society? b) Eagle

Which is called 'sexual system' of classification?

a) Bentham and Hooker b) Tippos

a) Kingfisher

c) Hornbill

c) Linnaeus

d) Hawaiin Goose

d) Takhtajan

			opius zaacatie
	a) Growth	b) Development	
	c) Functions of living body	d) All of these	
12.	Which of the following taxonomic ranks contain orga	anism most similar to one a	another?
	a) Class b) Genus	c) Family	d) Species
13.	Which is first step in taxonomy?		
	a) Description of the organism		
	b) Identification of the organism		
	c) Nomenclature of the organism		
	d) Classification of the organism		
14.	What is the prime source of taxonomic studies?		
	a) Collection of actual specimens of organisms speci	es	
	b) Identification of actual specimen of organism specimen		
	c) Both (a) and (b)		
	d) None of the above		
15	is a book (taxonomic acid) which contain information	tion about habitat distribu	tion climate description
15.	and index of plant found in a particular area	tion about nabitat, distribu	don, emnate description
	a) Manual b) Flora	c) Monograph	d) Key
16	In hierarchial classification, class occupied a place be		u) Key
10.	a) Kingdom and phylum b) Order and family	c) Phylum and order	d) Family and genus
17	Select the correct option from the following	c) i flyfuiff affu of def	d) Failing and genus
17.	a) Mule can reproduce		
	b) Worker bee undergoes reproduction to generate	now progony	
	c) Mule and worker bee do not reproduce	new progerry	
	d) None of the above	P	
10	Why hierarchiral taxonomic system is used?		
10.	a) As each higher taxonomic category contains its be	olow groups groups /catogo	rios
	b) It is helpful to established classifications	now groups groups/catego	01103
	c) All taxonomic categories reflect common habitats	LACITAL	
	d) Taxonomic group shows similar characters and h	. 5-6 1 1 5 5 1 1 1 1	nchin
19	Biological organization in living state is at	ave no evolutional y Telatio	mamp
1).	a) Sub-microscopic level b) Atomic level	c) Cellular level	d) Mixture level
20	Arrange the following in ascending similar character		d) Mixture level
20.	I. Family II. Genus III. Class IV. Species	. 1500	
	a) Class < Family < Genus < Species	b) Family < Class < Genus	c < Species
	c) Species < Genus < Family < Class	d) Class < Genus < Specie	<del>-</del>
21.		-	<del>-</del>
21.	I. growth	y the hving organism exclu	istvety:
	II. increase in mass		
	III. self-replication ability		
	IV. response to touch stimuli		
	•	a) I III and IV	d) I II III and IV
22		c) I, III and IV	d) I, II, III and IV
ZZ.	Which one of the following feature is shared by all li	ving organism at an merarc	iniai ievei
	a) Mode of nutrition		
	b) Cellular organization		
	c) Nature of protoplasmic-composition		
22	d) Growth by cell division	mlanta D. laballada.	- dt
23.	A is a collection of pressed, dried and preserved	piantsb iabelied arrang	ged systematically for
	further reference		
	A and B in the above statement refers to		
	a ce-decoacoum: n-mounted on film film		

	b) A-herbarium; B-mounted on a paper sheet		
	c) A-Museum; B-mounted on a iron sheet		
	d) A-Garden; B-mounted on a paper sheet		
24.	By which chemical specimen for herbaria are treate	ed to prevent fungal attack	
	a) 0.1% mercuric chloride	•	
	b) 0.1% mercurous chloride		
	c) Carbon disulphide		
	d) Acetic acid		
25	Who proposed binomial system of nomenclature?		
201	a) Candolle b) Linnaeus	c) Bentham	d) Hutchinson
26	Term 'Taxonomy' was coined by	c) bentham	uj mutemmsom
20.	•	c) Linnaous	d) Aristotla
27		c) Linnaeus	d) Aristotle
27.	A group of interconnected genera is called a	) pl _1	D 0 1
20	a) Family b) Class	c) Phylum	d) Order
28.	True regeneration is found in	) DI (	13 D
	a) Amoeba b) Hydra	c) Planaria	d) Bacteria
29.	Select true statement from the following and choos	e the right answer from the	option given below
	I. Human's scientific name is <i>Homo sapiens</i>		
	II. Genera Plantarum is written by John Ray		
	III. Highest taxonomic categories is division		
	IV. Taxonomic group of any rank is taxon		
	V. A group of closely related species of organism re	present genus	
	VI. The term 'systematic' was coined by de Candolle		
	a) II, III, IV and VI b) I, III, V and VI	c) I, IV and V	d) II, III and VI
30.	Third name in trinomial nomenclature indicate		
	a) Species		
	<ul><li>a) Species</li><li>b) Sub-species</li></ul>		
	b) Sub-species	CATION	
	b) Sub-species	CATION	
31.	b) Sub-species c) Sub-genus		
31.	b) Sub-species c) Sub-genus d) Ecotype of organism		
31.	b) Sub-species c) Sub-genus d) Ecotype of organism Who first proved that virus was made up of a nucle a) Griffith	ic acid and protein? b) WM Stanley	. Bawden
	b) Sub-species c) Sub-genus d) Ecotype of organism Who first proved that virus was made up of a nucle a) Griffith c) Dr Salvador Huria and Dr Max Delbruk	ic acid and protein?	Bawden
	b) Sub-species c) Sub-genus d) Ecotype of organism Who first proved that virus was made up of a nucle a) Griffith c) Dr Salvador Huria and Dr Max Delbruk The suffix 'phyta' indicates	ic acid and protein? b) WM Stanley d) Dr NW Pjrie and Dr FC	
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32. 33.	b) Sub-species c) Sub-genus d) Ecotype of organism Who first proved that virus was made up of a nucle a) Griffith c) Dr Salvador Huria and Dr Max Delbruk The suffix 'phyta' indicates a) Family b) Class The genus Felis includes a) Tiger b) Fish	ic acid and protein? b) WM Stanley d) Dr NW Pjrie and Dr FC	
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32. 33. 34.	b) Sub-species c) Sub-genus d) Ecotype of organism Who first proved that virus was made up of a nucle a) Griffith c) Dr Salvador Huria and Dr Max Delbruk The suffix 'phyta' indicates a) Family b) Class The genus Felis includes a) Tiger b) Fish Who proposed binomial system of nomenclature? a) Candolle b) Linnaeus	ic acid and protein? b) WM Stanley d) Dr NW Pjrie and Dr FC c) Order	d) Division
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<ul><li>32.</li><li>33.</li><li>34.</li><li>35.</li><li>36.</li><li>37.</li><li>38.</li></ul>	b) Sub-species c) Sub-genus d) Ecotype of organism Who first proved that virus was made up of a nucle a) Griffith c) Dr Salvador Huria and Dr Max Delbruk The suffix 'phyta' indicates a) Family b) Class The genus Felis includes a) Tiger b) Fish Who proposed binomial system of nomenclature? a) Candolle b) Linnaeus Where was the first herbarium set up? a) London in Great Britain b) Pisa in Italy c) New York in USA d) Tokyo in Japan A group of organisms with similar trait of any rank a) Taxon b) Family Term 'New Systematic' was given by a) Julian Huxley b) Bateson	ic acid and protein? b) WM Stanley d) Dr NW Pjrie and Dr FC c) Order c) Cat c) Bentham  is c) Genus	<ul><li>d) Division</li><li>d) Frog</li><li>d) Hutchinson</li><li>d) Species</li></ul>

	a) Man and Biosphere Programme		•
	b) Man and Biosphere Protection		
	c) Man and Biosphere Conservation and Protection		
	d) All of the above		
40.	Which of the following is correctly sequenced?		
	a) Phylum, class, order, family	b) Phylum, order, class, ge	
	c) Phylum, class, family, order	d) Phylum, order, family, o	class
41.	A germplasm is a		
	a) Collection of seeds or plants consists diverse	b) Collection of specimens	s of all the species of
	alleles of all genes in a crop	botanical garden	
	c) Collection of hybrid varieties of plants	=	n of threatened species of a
40	Constitution and I am	group	
42.	Species is considered as		
	a) Largest taxon of taxonomy/classification		
	b) Key of taxonomy/classification		
	c) Smallest taxon of faxonomy/classification	ation	
12	d) Both small and largest unit of taxonomy/classification Two or more species which occupy the same or over		
43.	a) Sympatric b) Allotropic	c) Sibling	d) Sub-species
44.	Who coined the term 'Phylum'?	c) Sibiling	u) Sub-species
1 1.	a) Cuvier b) Aristotle	c) Ernst Haeckel	d) Hooker
45	Which of the following statements regarding univers	•	•
10.	a) The first word in a biological name represents the		wrong.
	b) The first word denoting the genus starts with a ca	_	
	c) Both the words in a biological name, when handw		lined
	d) Biological names are generally in Greek and writt		
46.	Category among following is		
	a) Species b) Malvaccae	c) Thalmiflorae	d) Dicotyledonae
47.	'SystemaNaturae' was written by	WITON	, ,
	a) Ernst Mayr b) Carolus Linnaeus	c) R H Whittaker	d) W M Stanley
48.	What is the symbol of Bombay Natural History Socie	ty?	•
	a) Kingfisher b) Eagle	c) Hornbill	d) Hawaiin Goose
49.	Two different genera are classified in the same taxor	nomic category family. Whic	ch statement is correct
	about their classification?		
	a) The same class, but different species	b) A different class and dif	fferent order
	c) The same phylum, but different class	d) A different kingdom an	d different phylum
50.	Metabolism can be best defined as		
	a) The process in which a chemical is formed inside		
	b) The process in which a chemical is destroyed inside	-	
	c) The sum total all of chemical reactions only occur	ring in a body	
	d) A complex construction process only		
51.	Among the following choose the properties shown b	y the living organism exclus	sively?
	I. growth		
	II. increase in mass		
	III. self-replication ability		
	IV. response to touch stimuli	)	1) 1 11 111 1 111
r o	a) I and II b) I, II and III	c) I, III and IV	d) I, II, III and IV
52.	In hierarchial classification, class occupied a place be		d) Family and a
52	<ul> <li>a) Kingdom and phylum</li> <li>b) Order and family</li> <li>Choose the wrong statements regarding universal ru</li> </ul>	c) Phylum and order	d) Family and genus
JJ.	choose the wrong statements regarding universal ru	nes of nomenciature	

	•	logical name represents the	•				
	-	ng the genus starts with a ca	_				
	c) Both the words in a biological name, when handwritten are separately underlined						
		generally in English and wri	tten in italics				
54.	Who set up the first herb	arium?					
	a) Engler and Pranti	b) Bentham	c) Luca Ghini	d) Theophrastus			
55.	Who is regarded as Fathe	er of Zoology and Biology?					
	a) Aristotle	b) Theophrastus	c) Darwin	d) Linnaeus			
56.	Among the following whi	ich is a common phenomen	on exhibited by living and r	on-living organisms to			
	show the feature of growth?						
	a) Increase in mass		b) By cell division				
	c) Increase in replication	rate	d) By cell differentiation				
57.	A group of interconnecte	d genera is called a					
	a) Family	b) Class	c) Phylum	d) Order			
58.	Arrange the following in	ascending similar character	ristic				
	I. Family II. Genus III. C	lass IV. Species					
	a) Class < Family < Genus	s < Species					
	b) Family < Class < Genus	s < Species					
	c) Species < Genus < Fan	nily < Class					
	d) Class < Genus < Specie	es < Family					
59.		ition the unicellular prokary	otic organisms were classi	fied under kingdom			
	a) Protista	b) Monera	c) Animalia	d) Plantae			
60.	Largest herbarium in Ind	lia is		-			
	_	a) Madras Herbarium Coimbatore (TN)					
	b) Central, National Herbarium (Indian Botanical Garden) Sibpur, Kolkata (WB)						
		l Botanical Research Institu					
	d) Forest Research Instit						
61.	•	, the usual taxonomic hiera	chy is not followed?				
	a) Polypetalae and Gamo		b) Gamopetalae and Mon	ochlamydae			
	c) Monochlamydae and r	•	d) None of the above	J			
62.	•	ed (with english) and derive					
	a) Bold and English						
	b) Italics and Latin						
	c) Italics and German						
	d) Italics and French						
63	What is the basic unit of	classification?					
001	a) Family	b) Order	c) Species	d) Genus			
64	Solanum and Panthera	•	ej species	u) delius			
01.	a) Genus and species	b) Genus and genus	c) Species and species	d) Only species			
65.	•	species was formulated by	c) species and species	uj omy species			
05.	a) Mayr	b) Stebbins	c) Heywood	d) Love			
66		on act came into force in/w		u) Love			
00.	a) 1978	b) 1982	c) 1972	d) 1096			
67	•		() 1972	d) 1986			
07.	Biodiversity can be best (						
	a) Occurrence of number						
	b) Species and ecosystem						
	c) Variety of life in an eco		a nagion				
(0		ies and ecosystem of a giver	n region				
oŏ.	Who had written <i>System</i>		-) DII IAII-: 1	J) M/M Ct 1			
	a) Ernst Mayr	b) Carolus Linnaeus	c) RH Whittaker	d) WM Stanley			

				Gplus Education	
69.		<del>-</del>	enon exhibited by living and	d non-living organisms to	
	show the feature of grow	th?			
	a) Increase in mass				
	b) By cell division				
	c) Increase in replication	rate			
	d) By cell differentiation				
70.	Who coined the term 'Spo				
	a) John ray	b) Aristotle	c) Linnaeus	d) Cuvier	
71.	Binomial nomenclature r		m has		
	a) Two names one scient				
	b) One scientific name co		a specific epithet		
	c) One name given by tw				
	d) Two names, one Latin	<del>-</del>			
72.	<del>-</del>	= -	nged in descending specific	ity	
	a) Species $\rightarrow$ Family $\rightarrow$ Cl				
	b) Species $\rightarrow$ Genus $\rightarrow$ Div		n		
	c) Species $\rightarrow$ Genus $\rightarrow$ Fa				
	d) Class $\rightarrow$ Order $\rightarrow$ Fami	-			
73.	•	· ·	forever, yet life continues'		
	a) Metabolism	b) Embryogenesis	c) Reproduction	d) Replication	
74.	Regeneration was first di				
	a) <i>Hydra</i>	b) Planaria	c) Sponges	d) Amoeba	
75.	Select the correct statem				
	I. Increase in mass and increase in number of individuals are twin characteristics of growth				
			outside the body in isolated	cell-free systems	
	III. 'Response to stimuli'	* * * * * * * * * * * * * * * * * * * *			
	a) I and II	b) II and III	c) I and III	d) I, II and III	
76.	Which one of the following		CATION		
	a) Genus	b) Species	c) Family	d) Order	
77.	In plants growth occur by throughout their life span.				
	Choose an appropriate of				
			c) Cell multiplication	d) None of these	
78.	In which of the following		e place?		
	a) In living organism only				
	b) Both in living and non-				
	c) In isolated cell free sys	stems			
	d) Both (a) and (c)				
79.	<del>-</del>	= =	verlapping area are known		
	a) Sympatric	b) Allotropic	c) Sibling	d) Sub-species	
80.	Third name in trinomial				
	a) Species	b) Sub-species	c) Sub-genus	d) Ecotype of organism	
81.	Family placed between				
	a) Genus and species	b) Order and class	c) Class and genus	d) Order and genus	
82.	A defining property or ch	aracteristic of living orga			
	a) Increase in mass		b) Development		
	c) Response to external s		d) Growth		
83.			nation about habitat, distrib	oution, climate description	
	and index of plant found	=		12 ***	
o :	a) Manual	b) Flora	c) Monograph	d) Key	
х4	Natural system of classifi	cation is given by			

	a) Bentham and Hooker	b) Carolus Linnaeus	c) Charles Darwin	d) Engler and Prantl	
85.	Five kingdom scheme to classify living being was given by				
	a) J B S Haldane	b) G G Simpson	c) E Mayr	d) R H Whittaker	
86.	In majority of higher anim	nals and plants reproduction	on and growth are		
	a) Mutually exclusive eve		b) Synonymous events		
	c) Both (a) and (b)		d) None of the above		
87.		assification is based in som	e morphological characters	3?	
	a) Artificial	b) Natural	c) Phylogenetic	d) Both (A) and (c)	
88.	-	ed by Sir Julian Huxley is al	, , ,	, ()	
	a) Phenetics	b) Cladistics	c) Biosystematics	d) Numerical taxonomy	
89.	Who coined the term 'Phy		, ,	,	
	a) Cuvier	b) Aristotle	c) Ernst Haeckel	d) Hooker	
90.	Evolutionary history of a		,	,	
	a) Phylogeny	b) Ancestry	c) Paleontology	d) Ontogeny	
91.		and eukaryote is based on		, 0 ,	
	a) Cell organelles only	•	c) Nucleus only	d) All of these	
92.		of classification was put fo	•	•	
	a) Carolus Linnaeus	*	b) George Bentham and Jo	oseph Dalton Hooker	
	c) Aristotle		d) Adolf Engler and Karl I	=	
93.	Term 'Taxonomy' was coi	ined by	, 0		
	a) De Candolle	b) Takhtajan	c) Linnaeus	d) Aristotle	
94.	Largest herbarium in Ind	•			
	a) Madras Herbarium Coimbatore (TN)				
	b) Central, National Herb	arium (Indian Botanical Ga	rden) Sibpur, Kolkata (WB	)	
	c) Herbarium of National	Botanical Research Institu	ite, Lucknow (UP)		
	d) Forest Research Institu	ute, Dehradun (UA)			
95.	Who set up the first herba	arium?			
	a) Engler and Pranti	b) Bentham	c) Luca Ghini	d) Theophrastus	
96.	Phylogenetic system of cl	assification is based on	SMITOIA		
	a) Evolutionary relations	hips	b) Morphological features	5	
	c) Chemical constituents		d) Floral characters		
97.	A living organism can be	easily distinguished from n	on-living on the basis of		
	a) Responsiveness to tou	ch stimuli			
	b) Movement and growth	l			
	c) Reproduction				
	d) Interaction with enviro	onment and progressive ev	rolution		
98.	The term 'Taxonomy' was	s introduced by			
	a) de Candolle	b) Bentham and Hooker	c) Linnaeus	d) Huxley	
99.	A species is a group of org	ganisms which			
	a) Can interbreed freely				
	b) Do not interbreed				
	c) Can live together				
	d) Can interbreed occassi	•			
100		=	nation of genetic relationshi	p?	
	a) Experimental taxonom	ny			
	b) Numerical taxonomy				
	c) Cytotaxonomy				
	d) Biochemical taxonomy				
101	. Who coined the term 'Spe				
	a) John ray	b) Aristotle	c) Linnaeus	d) Cuvier	

102. Which one of the follo	wing branch is applicable	to both plants and animal	s?
a) Herpetology	b) Saurology	c) Taxonomy	d) Ichthyology
103. Which of the followin	g set of organisms reprodu	ace by fragmentation (asex	rual mode of reproduction)?
a) <i>Amoeba,</i> fungi and	earthworm		
b) Fungi, filamentous	algae and protonema of m	osses	
c) <i>Hydra,</i> fungi, <i>Amoe</i>	<i>ba</i> and bacteria		
d) Earthworm, bacter	ia and fungi		
104. Which one of the taxo	nomic aids can give comp	rehensive account of comp	lete compiled information of any
one genus or family a	t a particular time?		-
a) Taxonomic key	b) Flora	c) Herbarium	d) Monograph
105. A 'texa' differ from 'ta	xon' due to	•	, G ,
a) Being a higher taxo	nomic category than taxo	n	
	nomic category than taxon		
c) Being a plural of ta	<del>-</del> -		
d) Being singular of ta			
106. What name would be		lassification of plants?	
a) Phylum	b) Sub-division	c) Division	d) Both (b) and (c)
107. Taxon is a/an	,		
a) Group of same spec	cies	b) Any rank in taxon	omic hierarchy
c) Group of similar ge		d) Sub-division of ki	
108. Phylogenetic system of		•	3
a) Linnaeus	b) Bentham	c) Hutchinson	d) Theophrastus
109. Who has written the h			, ,
a) Hutchinson	b) Lamarck	c) John Ray	d) Linnaeus
110. A taxon is a	.,		,
a) Group of related sp	ecies	b) Group of related f	amilies
c) Type of living orga		d) Taxonomic group	
111. The genus <i>Felis</i> inclu		ICATION	y
a) Tiger	b) Fish	c) Cat	d) Frog
112. Who is regarded as Fa	•	•	, 8
a) Aristotle	b) Theophrastus	c) Darwin	d) Linnaeus
113. Where labelling is do	•	•	,
a) Lower RHS	b) Lower LHS	c) Upper RHS	d) Upper LHS
114. A germplasm collection	=	J 11	<b>3</b> 11
		ın area in a herbarium or b	otanical garden
b) Collection of mode	-		3
•	-	lleles of all genes in a crop	
_	_	atened species of a group o	or area
115. 'Ordines Anomali' of H	•		
	ng abnormal forms of grow		
b) Plants represented	= = =	1	
	=	Bentham and Hooker did no	ot see in original
		factorily in the classificatio	9
116. Growth in unicellular	_		
a) Counting the mass	=	<b>- - - - - - - - -</b>	
	unt of nutrient absorb by l	iving organism	
c) Growth can not be		., 0. 9	
		er of cells under microscop	oe
117. Which of the followin			
I. Responses to stimul	<del>-</del>		
_			

	II. Increases in mass			•	
	III. Increases in the number of individuals				
	IV. Increases in width	or marviduals			
	a) II and IV	b) III and IV	c) II and III	d) I, II, III and IV	
110	•	•	c) ii aliu iii	uj i, ii, iii aliu iv	
110	Biodiversity can be best d				
	a) Occurrence of number a				
	b) Species and ecosystem	<del>-</del>			
	c) Variety of life in an ecos				
440		es and ecosystem of a giver	-		
119	Scientific name are printed	- · · · · · · · · · · · · · · · · · · ·		D to 10 1 1 1	
	a) Bold and English	b) Italics and Latin	c) Italics and German	d) Italics and French	
120	A living organism can be e		-		
	a) Responsiveness to touc	h stimuli	b) Movement and growth		
	c) Reproduction		d) Interaction with enviro	nment and progressive	
			evolution		
121	In five kingdom classificat		otic organisms were classi	_	
	a) Protista	b) Monera	c) Animalia	d) Plantae	
122	In angiosperms floral feat	ures are commonly used fo	or identification, why?		
	a) Flower can be preserve	d easily			
	b) Flower are attractive to	work with			
	c) Flower have aroma and	l different colour			
	d) Reproductive parts are	more conservative			
123	True regeneration is found	d in	in the second		
	a) <i>Amoeba</i>	b) <i>Hydra</i>	c) Planaria	d) Bacteria	
124	The basic unit of classifica	tion is			
	a) Species	b) Genus	c) Family	d) Phylum	
125	Where is Biosphere Reser	ve Simlipal located?			
	a) Kerala	b) Odisha	c) Asom	d) Sikkim	
126	Where labelling is done/p	asted on herbarium sheet?	MITOIA		
	a) Lower RHS	b) Lower LHS	c) Upper RHS	d) Upper LHS	
127	Who is regarded as Father	of Taxonomy?			
	a) Hooker	b) Linnaeus	c) Aristotle	d) De Candolle	
128	Bionomial nomenclature v	vas first issued in			
	a) Systema Naturae	b) Genera Plantarum	c) Genera Animalium	d) Species Plantarum	
129	National wildlife protection				
	a) 1978	b) 1982	c) 1972	d) 1986	
130	A taxon is a	,	,	,	
	a) Group of related specie	S			
	b) Group of related familie				
	c) Type of living organism				
	d) Taxonomic group of any				
131	A 'texa' differ from 'taxon'	<del>-</del>			
131	a) Being a higher taxonom				
	b) Being a lower taxonom				
	c) Being a plural of taxon	ic category than taxon			
	d) Being singular of taxon				
137	Correct name is				
104	a) brassica indica		b) Magnifera Indica		
	-		· -		
122	c) SOLANUM MELONGINA		d) Mimosa Pudica		
133	Increase in body mass can	de considered a criterion	ioi growui		

a) In living being	<ul><li>b) Non-living being</li></ul>	c) Both (a) and (b)	d) None of these
134. Who is regarded as Fathe	er of Taxonomy?		
a) Hooker	b) Linnaeus	c) Aristotle	d) De Candolle
135. Which one of the following	ng taxonomic categories top	p the hierarchy of categorie	es?
a) Order	b) Division	c) Class	d) Family
136. In five kingdom classifica	tion, the eukaryotes were a	assigned under how many l	kingdoms?
a) Only four kingdom			
b) All five kingdom			
c) Only two kingdom			
d) Only three kingdom			
137. Which taxonomical aid p	rovide all information abou	ıt a particular taxon like ord	der or family
a) Herbarium	b) Catalogue	c) Taxonomic key	d) Monograph
138. Binomial system of nome	enclature was given by		
a) Engler	b) Linaeus	c) Prantl	d) Both (a) and (C)
139. In which of the following	, metabolic reactions take p	place?	
a) In living organism only	<del>-</del>		
b) Both in living and non-	-living organism		
c) In isolated cell free sys			
d) Both (a) and (c)			
140. What is the old name of I	ndian Board of wildlife		
a) National Board of Wild			
b) Central Board of Wildl			
c) Board of Wildlife		5	
d) Wildlife Protection Bo	ard		
141. According to binomial no		e of an organism consists o	f
a) Generic name	b) Specific epithet	c) Both (a) and (b)	d) None of these
142. Different (various) group			,
a) Category	b) Order	c) Genera	d) Taxon
143. Species is considered as	OLFO? EDO!	NUTON	,
a) Largest taxon of taxon	omy/classification		
b) Key of taxonomy/class	= :		
c) Smallest taxon of faxon			
	unit of taxonomy/classific	ation	
144. Which one of the following	= :		by adult tunicate?
a) Possession of visceral		b) Possession of a ventral	<del>-</del>
c) Possession of closed v		d) Possession of ventral t	
145. Choose the correct classis	•	,	J
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- a) Plantae, Anglosperm, Monocotyledons
- b) Plantae, Anglosperm, Dicotyledons
- c) Plantae, Gymnosperm, Monocot
- d) Plantae, Pteridophytes, Dicot

146. Scientific study of diversity of organisms and the	ir evolutionary relationship is	
a) Morphology b) Anatomy	c) Taxonomy	d) Systematics
147. Different (various) group of ranks or levels in cla	ssification is known/called as	
a) Category b) Order	c) Genera	d) Taxon
148. The concept that monocots are more primitive th	nan dicots was proposed by	
a) Bentham and Hooker b) Theophrastus	c) Aristole	d) Engler and Prantl
149. A defining property or characteristic of living org	ganisms is	
a) Increase in mass		
b) Development		
c) Response to external stimuli		
d) Growth		
150. What is the old name of Indian Board of wildlife		
a) National Board of Wildlife Animal		
b) Central Board of Wildlife		
c) Board of Wildlife		
d) Wildlife Protection Board		
151. Species are consider as		
a) Artificial concept of human mind which canno		}
b) Real units of classification devised by taxonom	nists	
c) Real basic units of classification		
d) The lowest units of classification		
152. In plants growth occur by throughout their life Choose an appropriate option to complete the given	-	
a) Cell dedifferentiation b) Cell differentiation		d) None of these
153. Growth in unicellular organisms can be observed	-	d) Notic of these
a) Counting the mass of cultured cells	г бу	
b) Analysing the amount of nutrient absorb by liv	zing organism	
c) Growth can not be observed	ing of gamein	
d) <i>In vitro</i> culture by simply counting the number	r of cells under microscope	
154. Largest herbarium in the world is	or cens under interescope	
a) Conservatory and Botanical Garden, Geneva		
b) New York Botanical Garden		
c) Royal Botanical Garden, Kew (London)		
d) British, Museum of Natural History		
155. Taxonomic hierarchy refers to		
a) Stepwise arrangement of all categories for class	ssification of plants and anima	als
b) A group of senior taxonomists, who decide the	e nomenclature of plants and a	nimals
c) A list of botanists or zoologists, who have wor	ked on taxonomy of a species	or group
d) Classification of a species based on fossil reco	rd	
156. A perennial shrub has compound leaves and solit	tary zygomorphic and epigynd	ous flowers. Each flower
reveals dichlamydeous condition with many stan	nens and multiple fruit with e	xalbuminous seeds. What is
the ratio of advanced and primitive characters in	it?	
a) 1:2 b) 2:3	c) 1:1	d) 3:2
157. A germplasm is a		
a) Collection of seeds or plants consists diverse a	-	
b) Collection of specimens of all the species of bo	tanical garden	
c) Collection of hybrid varieties of plants	_	
d) Seed or pollar collection of threatened species	of a group	
158. Which one of the following has a real existence?	יי אי	D 0 1
a) Genus b) Species	c) Family	d) Order

			Gpius Ed
159. Binomial system of classi	fication was based on		
a) Embryology	b) Morphology	c) Cytology	d) Anatomy
160. Which is not a category?			
a) Asteraceae/Fabaceae	b) Species	c) Phylum	d) Class
161. Select true and false state	ement and choose correc	ct answer from the option giv	en below
I. Taxon is a group of rela	ted organism		
II. <i>Homo sapiens</i> is the s	cientific name of man		
III. Royal Botanical Garde	en is located in Bristol (E	ngland)	
IV. Dudhwa National Par	k is located at Lakhimpu	r in UP	
V. There are about 89 wil	dlife sanctuaries and 49	2 National Parks in India	
VI. When specific name is	identical to generic nan	ne it is an example of tautony	m
a) True-I, III, V, False-II, I	V, VI	b) True-I, II, III, False-IV,	V, VI
c) True-II, IV, VI, False-V,	III, I	d) True-VI, V, IV, False-II	I, II, I
162. Biological organization in	living state is at		
a) Sub-microscopic level		b) Atomic level	
c) Cellular level		d) Mixture level	
163. Which of the following ar	e considered as the twir	characteristics of growth?	
I. Responses to stimuli			
II. Increases in mass			
III. Increases in the numb	er of individuals		
IV. Increases in width			
a) II and IV	b) III and IV	c) II and III	d) I, II, III and I\
164. Linnaean system of plant	classification is based o	n	
a) Morphological and ana	ntomical characters	b) Evolutionary trends	
c) Floral characters	<u></u>	d) None of the above	
165. A group of inbreeding pla			
a) Order	b) Species	c) Family	d) Genus
166. Binomial nomenclature r		ICATION	
		giving a generic name and a s	pecific name
b) One name is given by t			
c) Two name, one vernac			
d) Two name, one in Lati	n and other is a named o	of person	
167. Tautonym is			
<ul> <li>a) Unscientific explanation</li> </ul>	on of a phenomenon	b) Common name used a	
c) Nonlatinised name		d) Same name for genus	and species
168. What size of herbarium s		•	
a) $30 \times 40$ cm, $6 \times 12$ cm		b) $29 \times 41 \text{ cm}, 7 \times 14 \text{ cm}$	
c) $30 \times 45$ cm, $7 \times 12$ cm		d) $20 \times 30$ cm, $5 \times 10$ cm	1
169. Choose the correct classi	fication for the given pla	nt	
Inflorescence WW			

- a) Plantae, Anglosperm, Monocotyledons
- b) Plantae, Anglosperm, Dicotyledons

			opius Eudeutiei
c) Plantae, Gymnosperm,			-
d) Plantae, Pteridophytes			
170. Which one is correctly wr	itten scientific name?	12.55	
a) Panther Tigris		b) Mangifera indica	
c) Pucnthera Leo		d) Columnba LIVEA	
171. New systematics introduc	ed by Sir Julian Huxley is a		
a) Phonetics		b) Cladistics	
c) Biosystematics		d) Numerical taxonomy	
172. Which one of the category			
a) Class	b) Order	c) Family	d) Division
173. Who first proved that viru	<del>-</del>	<del>-</del>	
a) Griffith	b) WM Stanley	c) Dr Salvador Huria and Dr Max Delbruk	d) Dr NW Pjrie and Dr FC Bawden
174. In five kingdom classificat	tion, the eukaryotes were a	ssigned under how many k	ingdoms?
a) Only four kingdom	b) All five kingdom	c) Only two kingdom	d) Only three kingdom
175. Select the correct stateme	ent from the following state	ements	
I. Increase in mass and inc	crease in number of individ	luals are twin characteristic	cs of growth
II. Metabolic reactions car	n also be demonstrated out	side the body in isolated ce	ll-free systems
III. 'Response to stimuli' is	s a defining property of livi	ng organisms	•
a) I and II	b) II and III	c) I and III	d) I, II and III
176. In Mangifera indica, the	-	,	
a) Genus	b) Species	c) Variety	d) Order
177. In majority of higher anim		•	
a) Mutually exclusive eve	7000	Ü	
b) Synonymous events			
c) Both (a) and (b)	7		
d) None of the above			
178. Binomial nomenclature m	neans	ATION	
		ng a generic name and a sp	ecific name
b) One name is given by t	wo scientists		
c) Two name, one vernac	ular and one scientific		
d) Two name, one in Latir	and other is a named of po	erson	
179. Which taxonomical aid pr	ovide all information abou	t a particular taxon like ord	ler or family
a) Herbarium	b) Catalogue	c) Taxonomic key	d) Monograph
180. The biological definition of	of a species depends on		
a) The geographical distri	bution of two groups of or	ganism	
b) Reproductive isolation	of two groups of organism		
c) Anatomical and develo	pment differences betweer	n the two groups of organis	m
d) Difference in the adapt	- tation of two groups of org	anism	
181. Which is the only kingdon	n occupied by BGA, nitroge	n fixing bacteria and metha	nogenic bacteria in five
kingdom classification?		· ·	C .
a) Plantae	b) Protista	c) Monera	d) Fungi
182. What is the basic unit of c	-	,	, 0
a) Family	b) Order	c) Species	d) Genus
183. Which of the following is	•	<i>y</i> 1	,
a) Division	b) Phylum	c) Viruses	d) Both (a) and (b)
184. Distinction of prokaryota		, -	, () ( <del></del> )
a) Cell organelles only	<i>y</i> = == == 200200 011		
b) Chromosome only			
c) Nucleus only			
,y			

d) All of these		
185. Cladistics can be defines as		
a) The relationship between sub-species and species	S	
b) Relationship between two most forward races		
c) Relationship between endangered and surviving s	species	
d) Method of classification that attempt to interface	_	
186. Why hierarchiral taxonomic system is used?	F7	
a) As each higher taxonomic category contains its be	low groups groups/catego	ries
b) It is helpful to established classifications	now groups groups/ catego	1103
c) All taxonomic categories reflect common habitats		
		nchin
d) Taxonomic group shows similar characters and ha	•	<del>-</del>
187. Which one among the following is accurately arrange		
a) Species → Family → Class → Order → Division	b) Species → Genus → Div	<del>-</del>
c) Species $\rightarrow$ Genus $\rightarrow$ Family $\rightarrow$ Order $\rightarrow$ Class	d) Class → Order → Famil	
188. Viral genome when incorporated and integrated with		
a) Prophages b) DNA	c) RNA	d) Both (a) and (c)
189. Process of metabolism leads to		
a) Growth		
b) Development		
c) Functions of living body		
d) All of these		
190. The suffix 'phyta' indicates		
a) Family b) Class	c) Order	d) Division
191. A group of organisms with similar trait of any rank is	S	
a) Taxon b) Family	c) Genus	d) Species
192. Ascending or descending arrangement of taxonomic		
a) Classification b) Key	c) Taxonomy	d) Hierarchy
193. A group of inbreeding plant or animals is	ATION	,,
a) Order b) Species	c) Family	d) Genus
194. Regeneration was first discovered in	c) runniy	u) dellus
a) Hydra b) Planaria	c) Sponges	d) <i>Amoeba</i>
195. What is illustrated by the statement 'Nothing lives fo		иј Атосьи
	c) Reproduction	d) Donligation
	c) Reproduction	d) Replication
196. ICVCN stands for		
a) International Code of Virus Nomenclature		
b) International Code of Valuation in Nomenclature	• .	
c) International Code of viral Classification and Nom	enclature	
d) International Code of Virulence Nomenclature		
197. In Solanum tuberosum, first and second word stand	l for, respectively	
a) Genus, generic name		
b) Specific epithet species		
c) Specific name and generic name		
d) Generic name and specific name		
198. In Mangifera indica, the word Mangifera is a		
a) Genus b) Species	c) Variety	d) Order
199. An example for the artificial system of classification is	is	
a) Betham and Hooker b) Linnaeus system	c) Engler and Prantl	d) Bessey
200. Select the correct option from the following	-	•
a) Mule can reproduce	b) Worker bee undergoes	reproduction to generate
	new progeny	. 0

c) Mule and worker bee do not reproduce		d) None of the above	•		
201. Which is not a category?		) m	n, ai		
a) Asteraceae/Fabaceae	= =	c) Phylum	d) Class		
202. Viral genome when inco	-	_			
a) Prophages	b) DNA	c) RNA	d) Both (a) and (c)		
203. In angiosperms floral fe	<del>_</del>	for identification, why?			
a) Flower can be preserved easily					
b) Flower are attractive to work with					
c) Flower have aroma a					
d) Reproductive parts a					
204. A place where dried, pre	essed and preserved plant	specimens are kept			
a) Herbarium	b) Museum	c) Botanical garden	d) Both (a) and (c)		
205. Which one is the import	ant function of botanical g	arden?			
a) Allow ex <i>situ</i> conserv	ation of germplasm				
b) Are place for recreati	on				
c) Plant diversity can be	observed				
d) Provide natural habit	at for wildlife				
206. Select true statement from	om the following and choo	se the right answer from th	ie option given below		
I. Human's scientific nar	ne is Homo sapiens				
II. Genera Plantarum is	s written by John Ray				
III. Highest taxonomic c					
IV. Taxonomic group of	•				
	ated species of organism re	epresent genus			
	' was coined by de Candoll				
a) II, III, IV and VI		b) I, III, V and VI			
c) I, IV and V	7	d) II, III and VI			
207. Who has proposed five	kingdom system of classific				
a) RH Whittaker	b) Simpson	c) Haldane	d) Bentham and Hooker		
208. Which is the only kingdo			-		
kingdom classification?	3 2 3 1 , mor 5	8	2		
a) Plantae	b) Protista	c) Monera	d) Fungi		
209. Increase in body mass c		•	a) i ungi		
a) In living being	b) Non-living being	c) Both (a) and (b)	d) None of these		
210. Animal of the same phyl			-		
a) Shark, snake, whale,		b) Insect, spider, shrim	_		
c) Snail, squid, slug	epules	d) Earthworm, milliped			
211. Among the following lis	tad faaturas which is not a				
a) Increase in size	teu leatures, willen is not a		gamsms:		
•		b) Response to stimuli	aki au		
c) Self organisation		d) Growth and reprodu	ction		
212. The concept of genus wa		) II   1	D. D.		
a) John Ray	b) Tourne Fort	c) Hooker	d) Bessey		
213. Which one is the correct					
a) Genus <species<class<order> family</species<class<order>			•		
c) Species <order<class<phylum d)="" genus<class<division<order<="" td=""><td>on<order< td=""></order<></td></order<class<phylum>			on <order< td=""></order<>		
214. What size of herbarium sheet and label is recommended generally?					
a) $30 \times 40$ cm, $6 \times 12$ cm					
b) $29 \times 41$ cm, $7 \times 14$ cm					
c) $30 \times 45$ cm, $7 \times 12$ cm					
d) $20 \times 30$ cm, $5 \times 10$ cm					
21 [ Mileigle on a of the fallows	ing taxonomic categories c	an categorized rest all othe	ers		

a) Family	b) Genus	c) Class	d) order		
216. The number of species	classified in "Species Plantar	um" is			
a) 5000	b) 6000	c) 4000	d) 3800		
217. Which of the following	set of organisms reproduce l	by fragmentation (asexual	mode of reproduction)?		
a) <i>Amoeba</i> , fungi and $\epsilon$	arthworm	b) Fungi, filamentous alg	gae and protonema of mosses		
c) <i>Hydra</i> , fungi, <i>Amoeb</i>	a and bacteria	d) Earthworm, bacteria	and fungi		
218. Which one of the follow	ving is the feature of phylum	-Chordata is also exhibited	by adult tunicate?		
<ul><li>a) Possession of viscer</li></ul>	al slits				
b) Possession of a vent	ral chord				
c) Possession of closed	l vascular system				
d) Possession of ventra	al tubular nervous system				
219. Who has proposed five	kingdom system of classifica	ation?			
a) RH Whittaker	b) Simpson	c) Haldane	d) Bentham and Hooker		
•	system of plant classification	was proposed by			
a) Engler	b) Engler and Prantl	c) Eicher	d) Bentham and Hooker		
	level of living being can be r				
_	lar → Individual → Populatio	=			
	· → Cellular → Tissue → Orgai		<i>r</i> idual		
-	sue → Cellular → Molecular -				
, , ,	ılar → Tissue → Organ systen				
	ving taxonomic categories to	_	es?		
a) Order	b) Division	c) Class	d) Family		
•	ory contain the least similar	•	•		
a) Class	b) Order	c) Family	d) Division		
224. Binomial system of no		c) runniy	d) Division		
a) Julian Huxley	b) Bentham and Hooker	c) Linnaeus	d) Casper Bauhin		
225. Which is first step in ta		ej ilililacus	ay dasper baarini		
a) Description of the o	-	b) Identification of the o	rganism		
c) Nomenclature of the		d) Classification of the o	_		
	sted features, which is not a t	•			
a) Increase in size	sted reactives, winter is not a t	amque leature of fiving org	amomo.		
b) Response to stimuli					
c) Self organisation					
d) Growth and reprodu	iction				
227. Which one is species?	iction				
a) Cannis	b) <i>Pisum</i>	c) <i>Leo</i>	d) Carnivora		
•	level of living being can be r		uj carmvora		
220. Diological organisation	riever of fiving being can be r	•	→ Cellular → Tissue → Organ		
a) Sub-cellular → Cellu	lar → Individual → Populatio	n b) $\rightarrow$ Organ systems $\rightarrow$ In			
c) Organ system → Tis Atomic	sue → Cellular → Molecular -	<ul> <li>→ d) Individual → Molecula</li> <li>→ Population</li> </ul>	$ar \rightarrow Tissue \rightarrow Organ system$		
	Linnaougia	→ Fopulation			
229. Nomenclature given by		a) Dharlaganatia	d) Natural		
a) Binomial	b) Trinomial	c) Phylogenetic	d) Natural		
_	re classified in the same taxo	nomic category family, wr	iich statement is correct		
about their classification					
a) The same class, but					
b) A different class and different order					
c) The same phylum, b					
d) A different kingdom	<del>-</del> -		1, 1		
231 Choose the correct seq	231. Choose the correct sequence in the hierarchy of taxonomic categories in descending order.				

<ul><li>a) Species-genus-family-order-class-division</li><li>c) Division-class-family-order-genus-species</li></ul>	b) Division-order-class-family-genus-species d) Division-class-order-family-genus-species		
232. What name would be suggested for phylum in classi			
a) Phylum b) Sub-division	c) Division	d) Poth (h) and (a)	
233. A species is a group of organisms which	C) Division	d) Both (b) and (c)	
a) Can interbreed freely			
b) Do not interbreed			
c) Can live together			
d) Can interbreed occassionally	1 0		
234. Which one is the important function of botanical gar	rden?		
a) Allow ex <i>situ</i> conservation of germplasm			
b) Are place for recreation			
c) Plant diversity can be observed			
d) Provide natural habitat for wildlife			
235. Which one is the first biosphere reserve?			
a) Norkrek Biosphere Reserve			
b) Simlipal Biosphere Reserve			
c) Pachmarhi Biosphere Reserve			
d) Nilgiri Biosphere Reserve			
236. Father of botany is			
a) Aristotle b) Robert Hooke	c) Darwin	d) Theophrastus	
237. Two plants can be conclusively said to belong to the	same species if they		
a) Can reproduce freely with each other and form se	eeds		
b) Have more than 90 percent similar genes			
c) Look similar and possess identical secondary me	tabolites		
d) Have same number of chromosomes.			
238. Which one is the first biosphere reserve?			
a) Norkrek Biosphere Reserve	b) Simlipal Biosphere Re	eserve	
c) Pachmarhi Biosphere Reserve	d) Nilgiri Biosphere Rese	erve	
239. A place where dried, pressed and preserved plant sp	pecimens are kept		
a) Herbarium b) Museum	c) Botanical garden	d) Both (a) and (c)	
240. Which one of the following feature is shared by all li	ving organism at all hierar	chial level	
a) Mode of nutrition	b) Cellular organization		
c) Nature of protoplasmic-composition	d) Growth by cell divisio	n	
241. Select the wrong statements.			
(I) Lower the taxon, more are the characteristics that	at the member within the t	axon share.	
(II) Order is the assemblage of genera which exhibit	a few similar characters.		
(III) Cat and dog are included in the same family-Fe	lidae.		
(Iv) Binomial nomenclature was introduced by Card			
a) I, II and III b) II, III and IV	c) I and IV	d) II and III	
242. ICBN stands for	,	,	
a) Indian Congress of Biological Name	b) International Code for	Botanical Nomenclature	
c) International Congress of Biological Name	d) Indian Code of Botani		
243. The framework system of classification in which var	-		
logical sequence is called			
a) Systematics b) Classification	c) Hierarchy	d) Taxon	
244. Which of the following is a merit in the Bentham and	•		
a) The position of gymnosperms in between dicots and monocots			
b) Closely related families are placed apart			
c) The placement of family-Asteraceae in the beginn	ning of Gamopetalae		

			-
d) The placement of order	r-Ranals in the beginning		
245. Huxley is father of		12 4	
a) Classical taxonomy		b) Artificial taxonomy	
c) Neo-taxonomy	1	d) Adansonian taxonomy	
246. Classification based on ch		> 17	D.D. I
a) Cytotaxonomy	b) Numerical taxonomy	c) Karyotaxonomy	d) Biochemistry
247. Which one of the following			
a) Family	b) Genus	c) Class	d) order
248. This of the following taxon		-	
a) Cronquist	b) Thakhtajan	c) Benson	d) Hutchinson
249. National botanical research		) M 1 '	1) (1)
a) Lucknow	b) Kolkata	c) Mumbai	d) Chennai
250. What is the prime source			
	cimens of organisms speci		
-	specimen of organism spe	cies	
c) Both (a) and (b)			
d) None of the above		1	
251. Choose the wrong stateme			
	ogical name represents the	<del>-</del>	
-	g the genus starts with a ca	=	
-	=	vritten are separately under	rlined
	enerally in English and wri	tten in italics	
252. The term 'species' was coi		<b>&gt;</b>	
a) Aristotle	b) Engler	c) John Ray	d) Linnaeus
253. Which one is correctly wr			
a) Panther Tigris	b) Mangifera indica	c) Pucnthera Leo	d) Columnba LIVEA
254. Metabolism can be best do			
	chemical is formed inside		
	chemical is destroyed insi		
	mical reactions only occur	ring in a body	
d) A complex construction	n process only		
255. MABP stands for			
a) Man and Biosphere Pro	=		
b) Man and Biosphere Pro			
c) Man and Biosphere Cor	nservation and Protection		
d) All of the above			
256. In Solanum tuberosum, f	irst and second word stand	d for, respectively	
a) Genus, generic name			
<ul><li>b) Specific epithet species</li></ul>			
c) Specific name and gene			
d) Generic name and spec			
257. Solanum and Panthera a	re		
<ul><li>a) Genus and species</li></ul>	b) Genus and genus	c) Species and species	d) Only species
258. By which chemical specim	nen for herbaria are treated	d to prevent fungal attack	
a) 0.1% mercuric chloride	9	b) 0.1% mercurous chlori	de
c) Carbon disulphide		d) Acetic acid	
259. Which of the following is a	a category?		
a) Division	b) Phylum	c) Viruses	d) Both (a) and (b)
260. Who has written the book		tarum?	
a) Hutchinson	b) Lamarck	c) John Ray	d) Linnaeus

				Gpius Euucution	
261.	<del>-</del>	res and select the correct	option from the options giver	n below with respect to	
	living beings				
	I. They reproduce				
	II. They metabolise				
	III. They have cellular or	ganisation			
	IV. They have ability to r	espond to stimuli			
	a) I and III are true	b) I and II are true	c) Only III is true	d) All are true	
262.	According to binomial no	omenclature, scientific nar	ne of an organism consists of	,	
	a) Generic name				
	b) Specific epithet				
	c) Both (a) and (b)				
	d) None of these				
263.	Which one is species?				
	a) Cannis	b) <i>Pisum</i>	c) Leo	d) Carnivora	
264.	New systematics introdu	iced by Sir Julian Huxley is	•		
	a) Phonetics	b) Cladistics	c) Biosystematics	d) Numerical taxonomy	
265.	Largest herbarium in the	•	,	,	
	a) Conservatory and Bot				
	b) New York Botanical G				
	c) Royal Botanical Garde				
	d) British, Museum of Na	, ,			
266			option from the options giver	helow with respect to	
200.	living beings	res and select the correct	option from the options given	r below with respect to	
	I. They reproduce	- At	-		
	II. They metabolise	CL			
	III. They have cellular or	ganication			
	IV. They have ability to r				
	a) I and III are true	b) I and II are true	c) Only III is true	d) All are true	
267		tional Code of Bacteriolog		d) All are true	
207.		<del>-</del>		d) IC Dati N	
260	a) ICBN	b) IC Bact N tional Code of Bacteriolog	c) ICNB	d) IC Bati N	
200.		9		J) IC Dati N	
260	a) ICBN	b) IC Bact N	C) ICNB	d) IC Bati N	
269.	ICVCN stands for	TT' NY 1.			
	a) International Code of			b) International Code of Valuation in Nomenclature	
	c) International Code of	viral Classification and	d) International Code of V	irulence Nomenciature	
270	Nomenclature		Community and the second second	11.	
270.			answer from the option give	n below	
	I. Taxon is a group of rela	•			
	II. <i>Homo sapiens</i> is the s		1 12		
		en is located in Bristol (En	_		
		k is located at Lakhimpur			
		ldlife sanctuaries and 492			
	-	-	e it is an example of tautonyn	1	
	a) True-I, III, V, False-II,				
	b) True-I, II, III, False-IV,				
	c) True-II, IV, VI, False-V				
	d) True-VI, V, IV, False-II				
271.		=	ination of genetic relationshi	p?	
	a) Experimental taxonor	ny			
	b) Numerical taxonomy				

c) Cyto	taxonomy				
d) Biod	d) Biochemical taxonomy				
272. One of	the most importa	ant functions of botanical g	garden is		
a) One	a) One can observe tropical plants there		b) They allow <i>ex situ</i> o	b) They allow ex situ conservation of germplasm	
c) The	provide the natu	ıral habitat for wildlife	d) They provide a beau	d) They provide a beautiful area for recreation	
273. Reprod	luction is synonyr	nous with growth in whicl	n of the following set of or	ganisms?	
a) Bact	eria, unicellular a	lgae and <i>Amoeba</i>			
b) Bac	eria, <i>Amoeba</i> and	fungi			
c) Unio	ellular algae and	fungi			
d) Unio	ellular algae and	filamentous algae			
274. Reprod	luction is synonyr	nous with growth in whicl	n of the following set of or	ganisms?	
a) Bacteria, unicellular algae and <i>Amoeba</i> b) Bacteria, <i>Amoeba</i> and fungi			ıd fungi		
c) Unicellular algae and fungi		d) Unicellular algae and filamentous algae			
275. Where is Biosphere Reserve Simlipal located?					
a) Kera	ıla	b) Odisha	c) Asom	d) Sikkim	
276. Who h	ad written <i>Systen</i>	na Naturae?			
a) Erns	st Mayr	b) Carolus Linnaeus	c) RH Whittaker	d) WM Stanley	
277. A genu	s with a single spe	ecies is called			
a) Typ	cal	b) Polytype	c) Monotype	d) Syntype	
278. Ascending or descending arrangement of taxonomic categories is known as					
a) Clas	sification	b) Key	c) Taxonomy	d) Hierarchy	
279. Binom	al system of class	ification was based on			
-	ryology	b) Morphology	c) Cytology	d) Anatomy	
280. Which series ends with the cohort umbellales in Bentham and Hooker's system of classification?					
a) Tha	amiflorae	b) Disciflorae	c) Heteromerae	d) Calyciflorae	

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