☆			Inter (Part-I)-A-2021					
R	oll No(To be	filled in by candidate)	(For all sessions)	Paper Code	6	4	6	T
B	Biology (Objective	Гуре)	Rwp-21	<u> </u>				1
	ne: 20 Minutes	,1 ,			M	e rl	s: ]	1
		questions on the ohi	ective answer sheet provided.	Four possible and		41 N		
,,,								
			Which answer you consider cor stion with Marker or pen ink or			-		
11	Plants having foreign Di			the answer sneet	provi	ded		
	(A) Transformation	(B) Transgenio		or (D) 3	ranal.	-4:	_	
2.	Heterogenous group of			er (D)	ransla	IOIJE	П	
۷.	(A) Nucleic acids	(B) Protein	(C) Lipids				-4	
2	Which inhibitors have st			(D) (	Carboh	ıyar	ates	;
· ·	(A) Irreversible	(B) Competitiv		titive (D) (	·			9
4.	Infoldings of inner memi			(D)	co-enz	yme	В	
٦.	(A) Cristae	(B) Cisternae	(C) F <sub>1</sub> particals	(D) 6	ED			
5.			ge which dissolves cell wall:	(D) S	EK			
٥.	(A) Lipase	(B) Pepsin	(C) amylase	(D) I				
6.	Reserve food material in		(c) anylase	(0)	ysozy	me		
0.	(A) Glycogen	(B) Starch	(C) Lipids	(D) E	rotoin			
7.	Feeding stage of slime r		(O) Lipids	(D) P	rotein			
٠.	(A) Plasmodesmata	(B) Plasmodiu	m (C) Plasmolysis	(D) D	loomo			
R	Asexual reproduction in			(D) P	lasma			
0.	(A) Spores	(B) Budding	(C) Conidia	(D) E	roomo	-		
q	Integumented, indehisce			(D) F	ragme	mai	uon	
٥.	(A) Ovary	(B) Ovule	(C) Megaspore	(D) m	ioreen			
10	Larva produced during the	(A)		(D) III	icrosp	ore		
10.	(A) Trochophore	(B) Bipinaria	(C) Tad pole	(D) P				
11	A blue coloured respirate			(D) B	racnio	aria	1	
11.	(A) Haemoglobin	(B) Haemocya		<b>(D)</b> D		4h -:	_	
12	Second phase of calvin		(C) Nyogiobin	( <b>D</b> ) P	lycoer	tririi	п	
12.	(A) Carbon fixation	Sycie is.	(B) Reduction					
	(C) Regeneration of C	O <sub>e</sub> accentor	(D) Glycolysis					
13	Chemical formula of chic		(D) Clycolysis					
	(A) C <sub>54</sub> H <sub>72</sub> O <sub>5</sub> N <sub>4</sub> Mg	(B) C <sub>54</sub> H <sub>70</sub> O <sub>4</sub> N <sub>5</sub>	Mg (C) C <sub>55</sub> H <sub>72</sub> O <sub>5</sub> N <sub>4</sub> I	Mg (D) C <sub>s</sub>	ц 0	NI I	Ma	
14	Botulism is caused by:	(5) 0541 17004115	(0) 0551 172051141	vig (D) C <sub>5</sub>	511700	6141	wig	
	(A) Salmonelia		(B) Campylobac	ter				
	(C) Pseudomonas		(D) Clostridium					
15.	A sheet of muscles which	act as floor of chest						
	(A) Pleura	(B) diaphragm	(C) Intercostal m	uscles (D) Lu	nas			
16.	(A) Pleura (B) diaphragm (C) Intercostal muscles (D) Lungs Starch Sugar hypothesis was proposed by:							
	(A) H Van Mohl	(R) Frost Munch	(C) Ernst Hackel	(D) I o	ius Do	<b></b>		

(D) Transpiration

17. Attraction among water molecules, which holds the water molecules together, is:

(B) Cohesion

(A) Tension

Roll No.\_\_\_\_(to be filled in by the candidate)

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## Biology (Essay Type)

Time: 2:40 Hours

rks:68

2.40 Hours				
	Total Mar			
2. Write short answers of any eight parts from the fo	ection - 1			
. Vinat are enzymes?give ena	2x8=16			
iii. Define irreversible inhibitors	Recentiate between Anabolic and catabolic reactions.			
v. Define lichens and give one example.	ve two properties of Enzymes.			
vii. Define kingdom Animalia.	hat is parasexuality?			
	w ac rual reproduction takes place in poriferans?			
who example. X. Wh	ich tyces of Muscles are found in the body wall of Annelids			
y saits from the following	no.			
Differentiate between deductive and inductive reason	ing with every last			
three basic components of human circulatory sy	stem			
III. Give importance of mitochands				
v. Write a note on euglepoids	ne Parasitology.			
vii. How brown along differs to	do you know about water molds?			
ix. Write a note on paracitic flags to	down two functions of Golgi complex.			
XI. Give four functions of his	tracheophytes are successful group of land plants?			
4. Write short answers of any six parts from the following.	entiate between microphyll and megaphyll leaves.			
in the lollowing.	2x6=12			
i. Which changes cause inspiration?	are Bacilli?Give their types.			
iv Give of				
Mention VI Mention	n throng			
applied y lieuwork in respiral	ODI CUESTO			
The braw labelled diagram of human immunodeficiency virus	(HIV)			
ix. What is meant by absorption and assimilation of food?	().			
Section - 1	rr			
NOTE: Answer any three questions from the following.	•			
5. (a) Discuss how the science of Biology in the following.	8x3=24			
<ol> <li>(a) Discuss how the science of Biology is helping mankind in</li> <li>(b) Discuss the composition of blood Plasma.</li> </ol>	different ways.			
6. (a) What are proteined by a second Plasma.	4			
<ol> <li>(a) What are proteins? Describe primary structure of proteins.</li> <li>(b) Describe differential.</li> </ol>				
(b) Describe different methods of asexual reproduction in fun	gi.			
(b) Write in detail the	life cycle of Angiospermic plant			
(b) Write a note on n	Oncyclic phosphorylation with			
	4+4			
9. (a) Describe the structure and function of Golgi apparatus.				
(b) Give an account of nutrition in insectivores plants.	4			
	R .			