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1118	Warning:- Please write	your Roll No. in the space	e provided and sign.	Roll No
	(Inter Part - I)	(Session 2015-17 to 20		Student
Bielog	y (Objective)	5		Paper (I)
- Till (1975)	Allowed: - 20 minutes	PAPER COD	E 2463	Maximum Marks:- 17
Note:-	You have four choices for ea	ch objective type question as	A, B, C and D. The choice	which you think is correct; fil
that cir	cle in front of that question no	umber. Use marker or pen to	fill the circles. Cutting or fi	illing two or more circles wil
result is	zero mark in that question.	Write PAPER CODE, which	is printed on this question p	paper, on the both sides of the
	Sheet and fill bubbles accord	ingly, otherwise the student v	will be responsible for the six	Q. 1
	orrecting fluid is not allowed. Antibodies are produced	l from		7
1)	(A) Eosinophils	(B) Basophils	(C) Monocytes	(D) Lymphocytes
2)			()	
2)	(A) 22.5 %	(B) 17.6 %	(C) 15.5 %	(D) 53.1 %
3)		, ,		
	(A) Black	(B) Red	(C) Blue	(D) Green
4)		crase enzyme is		
,	(A) 4.50	(B) 5.10	(C) 4.90	(D) 4.83
5)	A group of ribosomes a	ttached to mRNA is calle	ed	
	(A) Nucleosome	(B) Polysome	(C) Peroxisome	(D) Cytosome
6)	Solanum melangena is			
	(A) Onion	(B) Potato	(C) Brinjal	(D) Tomato
7)			(G) G.	(B) D' 1
	(A) Tetrad	(B) Sarcina	(C) Streptococcus	(D) Diplococcus
8)			(C) Ciliates	(D) Actinopods
0)	(A) Amoeba	(B) Zooflagellates	(C) Chales	(D) Actinopous
9,	Parmelia is an example (A) Fruticose lichen		(C) Crustose lichen	(D) Moss lichen
14	(A) Pluticose ficher (A) Pluti		(C) Crusiose nonch	(D) MODE MOTION
.1.	(A) Lycopsida	(B) Pteropsida	(C) Sphenopsida	(D) Psilopsida
1	1) Mammals became dom	· •	(-) -p	(-)
•	(A) Devonian	(B) Silurian	(C) Coenozoic	(D) Jurassic
1	2) Only left aortic arch is	A 6		
0	(A) Birds	(B) Cockroach	(C) Crow	(D) Mammals
1	3) The dark reaction for p	hotosynthesis occurs in		
	(A) Chloroplast	(B) Stroma	(C) Grana	(D) Cytoplasm
1	4) In respiratory chain NA		ž _p	
	(A) Coenzyme Q	(B) Cytochrome b	(C) Cytochrome a	(D) Cyto a_3
1	5) pH of fresh saliva of h	ıman is about		
	(A) 6	(B) 7	(C) 8	(D) 9
1	6) Number of spiracles in	cockroach is	W.	
	(A) 8	(B) 7	(C) 9	(D) 10
1	7) Cuticular transpiration	takes place at		Market 1979
Nf.	(A) Night	(B) Morning	(C) Evening	(D) Noon
		1175A 1110	12000 (2)	
1175A 1118 12000 (2)				
SGD-11-18				

Warning:- Please, do not write anything on this question paper except your Roll No. (Subjective) Siology (Session 2015-17 to 2017-19) Paper (I) Time Allowed: 2.40 hours (Inter Part - I) Maximum Marks: 68 Section ----- I Answer briefly any Eight parts from the followings:- $8 \times 2 = 16$ What is Hydroponic culture technique? Give its use. (i) What is Bioremediation? Give example. (iii) Define Species. (ii) Differentiate between Apoenzymes and Holoenzymes. (iv) (v) What are enzymes? Give their importance. (vi) What are enzyme inhibitors? Give their example. Differentiate between endomycorrhizae and ectomycorrhizae. (vii) What are Lichens? Give their importance. (viii) (ix) Differentiate between spiral and Radial cleavage. Give importance of Sponges. (xi) What is Placenta? Write down its function. (x) What is swim bladder? Give its function. (xii) 3. Answer briefly any Eight parts from the followings:- $8 \times 2 = 16$ Differentiate between Eubacteria and Archaeobacteria. (i) Define Foraminiferans. Give their importance. (ii) What are water molds or oomycotes? (iii) (iv) What are Chlorophytes? Give example. What is Trypanosoma? Name the disease caused by it. (v) Define Alternation of generation. (vi) (vii) What are paraphyses? Define Bioenergetics. (viii) (ix) What are Bacteriochlorophylls? Define Symbiotic Nutrition with example. (\mathbf{x}) (xi) What are Macrophagous Feeders? Differentiate between obligate and Facultative Parasites. (xii) Answer briefly any Six parts from the followings:-4. $6 \times 2 = 12$ What is division of labour? (i) (ii) What is role of centriole? What are nucleohistones? (iii) (iv) Give role of respiratory pigments. What are spiracles? Give total number of spiracles in cockroach. (v) Give composition of inhaled and exhaled air. (vii) What are alveoli? Give their function. (vi) (viii) How stomata open? Give one method? (ix) Define ECG. Section ----- II Note: Attempt any three questions. $(8 \times 3 = 24)$ 5. Describe biological organization at organ-system level. (a) Discuss lymphatic system of man. (b) Write a note on primary and secondary structure of proteins. 6. (a) Draw and label the life cycle of Rhizopus. **(b)** 7. Describe structure and function of chloroplast. (a) **(b)** Write down process of digestion in cockroach. 8. Describe life cycles at Bacteriophages (labelled diagrams). (a) Draw the sketch of glycolysis (No description) **(b)** 9. Explain physical methods of Control of bacteria. (a) **(b)** Write down the adaptations of bryophytes toward the land habitat.

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