Ranipet - Dist

FIRST	REVISION EXA	M-2023
R	Standard - XI	Reg.No
Time: 3.00 hrs	BILOGY	TOTAL MARKS :70
	BIO -BOTANY	Marks : 35
.Choose the correct answ	Section - A	8×1=8
	oup has gametophyte as domir	nant phase ?
a) Angisperm	b) gymnos per	
c) broyophytes	d) pteridophyte	es
vexillary aestivation is c     a) Brassicaceae	characterestics of the family	
c) Asteraceae	b) solanaceae	
	d) fabaceae the following is used to know t	he phylogogy 2
a) HnRNA	b) tRNA c) rRNA	
· ·	ous chromosomes on meiosis	
	b) synapsis c) disju	
	n dicots but not in monocots b	
<ul><li>a) cork cambium</li></ul>	b) Vessels with	elements arranged end to end
c) cambium for second	dary growth d) vascular but	ndles arranged in ring
6) The common bottle cork		
a) Vasuclar cambium		d) phellem
	tatement about the virus is con	
a) Enzymes are preser  c) They are facultaitye		
<ul> <li>c) They are facultaitve parasites</li> <li>d) possess their own metabolic system.</li> <li>8) The taxonony which involes the similarities and dissimilarities among the immune system.</li> </ul>		
of different taxa is termed	as this taxonomy	ides among the immune system
	b) sero c) Mole	cular d) Chemo
	SECTION - B	didi di chemo
II.ANSWER ANY FOUR QUEST	TIONS:	4×2=8
<ol><li>What is plectostele? gi</li></ol>		
10) Draw and label the parts of regions of root.		
11) differentiate aggregate fruit with multiple fruit.		
12) Differentiate between prokaryotes and Eukaryotes.		
<ul><li>13) Why the cells of sclerenchyma and tracheids become dead.</li><li>14) What are the enzymes involved in phosphorylation and dephosphorylation reactions.</li></ul>		
in Employthmes	involved in phosphorylation an	d dephosphorylation reactions
in Emp pathway.	SECTION O	
III.ANSWER ALL THE QUESTION	SECTION - C	ii.
15) Why do farmers plant le	guminous crops in crop rotait	y) 3×3=9
16) Mention two characters	shared by gymnosperms and	angiosparms
17) Write any three significa	Ince of mitosis	angiosperms.
18) Distinguish the anatomy	of dicategot	
19) Write the differences be	etween Aerobicrespiration and	anaerobic respiration
SECTION - D		
IV.ANSWER ALL THE QUESTIO		2×5=10
<ol><li>Explain the different type</li></ol>	es of placentation with exmple	
Differentiate between cyclic and non cyclic photophorylation.		
21) Write the characterestic features of DNA (or)		
Explain krebs cycle. ( Flow chart (or) Explanation)		

BIOLOGY **BIO -ZOOLOGY** Time: 3.00 hrs Marks: 35 Section - A Choose the correct answer:-1) Sea anemone belongs to phylum a) Coelenterata b) Protozoa b) Echinodermata d) Porifera 2) The pigment present in the muscle fibre to store oxygen is a) Myosin b) Myoglobin c) Actin d) Troponin 3) The end product of ornithine cycle is a) Urea b) Carbondioxide c) Ammonia d) Uric acid is the largest endocrine gland in the body a) Pinealgland b) Pituitary c) Adrenal gland d) Thyroid 5) Dub sound of heart is caused by a) closure of semilunar valves b) closure of atrioventricular valves c) Opening of a triventriculor valves d) Opening of semilunar valves 6) Erythroblastosis foetalis is due to the destruction of a) Foetus WBCs b) Foetus RBCs c) Foetus suffers from minamata d) Foetus suffers from atheroscleors is 7) Which part of the human brain is concerned with the regulation of body temperatures a) Medulla oblongata b) Cerebrum c) Hypothalamus d) Cerebellum 8) The tidal volume of aonrmal person is a) 500 ml b) 800 ml c) 1100 - 1200ml d) 1200 ml SECTION - B **II.ANSWER ANY FOUR QUESTIONS:** 4×2=8 9) Differentiate white adipose tissue from brown adipose tissue. 10) How will you defferentiate the male frog from female frog? 11) What is called Heart Beat? 12) What is the role of charles Darwin in relation to concept of species ? 13) Comment on Homeostasis 14) Write the remarkable characteri&tics of diabetes insipidus? **SECTION - C** III.ANSWER ANY THREE QUESTIONS :(Q.No.19 is compulsory) 3×3=9 15) What is known as cladogram? Give an Example. 16) Bie juice Certains no exzymes , yes it is important for diges tion. why ? 17) Draw a neat labelled diagram of L.S of human kidney. 18) Differentiate between Rod and cone cells. 19) How does adrenaline prepare our body suitable for sudden fight? SECTION - D **IV.ANSWER ALL THE QUESTIONS:** 2×5=10 20) a) Write the charactoristics of Arthropoda. (or) b) Describe the structure of human heart wiht the help of diagram. 21) a) Discuss the various techniques adopted in cattle breeding b) Write about the mechanism of healing of bone fracture.