		K22U 0444
Reg. No.:		
Name :	AidClassicil rithwise	
VI Semester B.Sc. Degree (CBCSS – (2019 A	OBE – Regular) E dmission) SE IN ZOOLOGY	xamination, April 2022
Time: 3 Hours	straceout	Max Marks: 40
Lactic acid (I) Arabifuse		
<ol> <li>Essay Questions (Each question can         <ol> <li>Describe the regulation of transcrip</li> <li>Give an account on the types of D</li> <li>Describe different DNA databases</li> <li>Explain the modern concept of ger</li> </ol> </li> <li>Short Essay Questions (Each question         <ol> <li>Discuss nucleosome structure an structures.</li> <li>What are the applications of bioinform</li> <li>Give an account on PCR.</li> </ol> </li> <li>Short Answer Questions (Each questions) What is Wobble hypothesis?</li> <li>What are metabolic databases? Gold, What is central dogma of molecular dogma of molecular to the control of t</li></ol>	ption in eukaryotes.  NA repair mechanis  nes.  carries 4 marks).  d packaging of Di  ormatics?  carries 2 marks). A  ive an example.  r biology?	Answer any two : (2×4=8) NA into higher order
	3	P.T.O.
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IV. Multiple Choice Questions (Each ques	tion carries 0.5 ma	
questions :  16) The histone associated with linker [	DNA is	(8×0.5=4)
a) H3 b) H2A	c) H1	d) H4
<ul><li>17) PCR technique was discovered by</li><li>a) Sanger</li><li>c) Messehlson and Stahl</li></ul>	b) Frederick d) Kary Mullis	
The inducer in Lac operon is     a) Lactose    b) Sucrose	c) Lactic acid	d) Arabinose
19) An example for protein database is	a) KECC	d) Conbank
<ul><li>a) EMBL</li><li>b) Swiss Prot</li><li>20) Which of the following is not a STO</li></ul>	c) KEGG P codon ?	d) Genbank
a) UGA b) UAA	c) UAG	d) AUG
<ul><li>21) Enzyme known as molecular glue is</li><li>a) Endonuclease b) DNA ligase</li></ul>	c) Exonuclease	d) Helicase
<ul><li>22) Nitrogen base not present in DNA is</li><li>a) Guanine</li><li>b) Adenine</li></ul>	c) Thymine	d) Uracil

b) mRNA c) rRNA d) SnRNA

HIGH IN COLUMN HIS SEED IT

23) Most abundant RNA in the cell is

a) tRNA