Total No. of Printed Pages: 2

SUBJECT CODE NO: - YY-2464 FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (CBCGS) (Pattern 2022) F.Y SEM I

Examination April / May - 2024 Zoology Paper-II Cell Biology



[Tir	ne: 1:30 Hours]		[Max. Marks: 40
	Please check whether you	have got the right question paper.	
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N. E			
	2) All questions carry e		
		labelled diagram where necessary	
	4) Figures to the right i	ndicate full marks	
Q.1	Describe various phases of cell cycle.		10
		OR	
	Explain in brief		
	a) Carbohydrates.	AND CARRY CA	5
	b) Salts and ions.		5
Q.2	Describe structure and functions of Endo	plasmic reticulum.	10
		OR	
	Explain in brief:		
	a) Golgi Bodies.		5
	b) m-RNA.	P Mass is some An Herricanian α Συνία	5
		Andrews (1)	
Q.3	Write short notes on (any two)	Harris Alberta	10
	a) Mitosis.		
	b) Structure of DNA.		
	c) Lysosomes.	for towns vianous new w	
	d) Sarcomas type of cancer.	Alamo armu ke (
Q.4	Select and write correct answer from th	ne given alternatives in each Sub	10
	Question		
	1. Bacteria are example of		
	a) Protozoa	b) Eukaryotic cell	
	c) Prokaryotic cell	d) None of these.	
	2. Smooth endoplasmic reticulum is	Andrews Andrews	
	a) ATP Synthesis	b) Ribosome production	
	c) El transport system	d) Triglycerides	

WAHAM O	
3. Cristae in mitochondria are sites	for
a) Protein Synthesis	a regime to viglous 57
b) Oxidation reduction react	tion
c) Breakdown of macromole	ecule
d) phosphorylation of flavor	proteins
MI COMPANIES	e 160 Formal Co.
4. In karyokinesistake	es place
a) Division of cytoplasm	
b) Division of Protoplasm.	LIBRARY)
c) Division of Nucleus	
d) All of the above.	BOTT Share the same of the sam
alliant liberalis	Tomorphic Interior in an assumptible of the Co.
5. Which of the following is preser	그리고 있다면 그렇게 되었다. 그렇게 되었다면 하는데 그리고 있는데 그리고 있는데 그리고 있는데 그리고 있다면 그리고 있다면 그리고 있다면 그렇게 되었다면 그리고 있다.
a) Adenine	b) Guanine
c) Thymine	d) Cytosine
6. Cell organelle having hydrolytic	Explain is unjet
6. Cell organelle having hydrolytic a) Lysosomes	b) Ribosomes
c) Mitochondria	d) Microsomes
e) wittochondria	u) Wholosomes
7. The most abundant RNA in the	cell is
a) rRNA b) mRNA	
the second secon	thand it mate all
8. The process in which the cell los	ses its ability to Control rate of division and
becomes a tumor cell is known a	
a) Invasion	b) Transformation
c) Disemination	d) None of these.
9. Plasma membrane is	A A A RELIGIOUS AND A CONTRACTOR AND A C
a) Non Selective barrier	b) Impermeable
c) Selective barrier	d) Permeable
10. Extra nuclear DNA is found in	property great to demonstration of the best could
a) Mitochondria	b) Golgi body
c) Ribosomes	d) None of the above