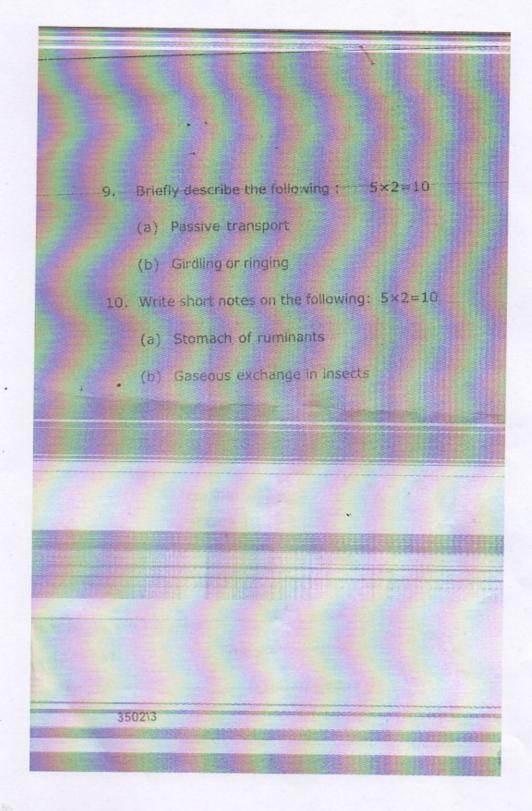
(Printed Pages 3) (20517)Roll No..... B.Sc. (Micro.)-II Year 3502 B.Sc. (Micro.) Examination, May- 2017 BIOLOGY-III (B-209) Time: Three Hours | Maximum Marks:50 Note: Attempt any five questions. Each question carries equal marks. 1. What do you mean by holozoic nutrition? Describe the process of digestion of food in . mammals. 2. Describe the process of gaseous exchange in amphiblans. 10 3. Explain the mechanism of water absorption

		in plants. Leave a note on factors affective	cting
		absorption of water.	10
	4.	Describe Krebs' cycle in detail.	10
	5.	What is open circulatory system? Desc	cribe
		the main arteries and veins in a mamma	al.
			10
	6.	Describe the structure and functions of	hu-
		man kidney.	10
Devoca in a number of the	7.	What is difference between excretion	and
		defaecation? Describe the process of u	AND DESCRIPTION OF THE PERSON
TATOUR REMEMBERS		formation.	10
	8.	Write short note on the following:5×2	=10
		(i) Structure of stomata	
		CIN COMPANIE	
PERSONAL ELIMINATE		(ii) Guttation	ADDRESS MEMBER
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Describe the structure and working of mammalian

B. Sc. (Micro.) Examination, May 2018

BIOLOGY-III

(B-209)

Time: Three Hours]

[Maximum Marks: 50

Note: Answer any Five questions. All questions carry equal marks.

Describe the structure of liver in mammals. Briefly explain its role in digestion.

7. Write short notes on the following:

2. Explain the process of exchange of gases in a mammal. What is the role of haemoglobin in gaseous exchange?

A CONTRACTOR		
(3.)	What do you understand by closed circulato	ry system
	Describe the structure and working of r	nammalia
	heart.	1
(4)	Describe the detailed structure of hum	an kidne
	How concentration of urine occurs in neph	iron? 1
5.	Write short notes on the following:	5×2=1
	(i) Malnutrition in India	
08:3	(ii) Air sacs.	
6.	Explain the process of absorption of war	ter and io
(10A)	uptake in plants.	1
7.	Write short notes on the following:	5×2=1
	(a) Portal system in mammals	
	(b) Guttation.	
8.	Write short notes on the following:	5×2=1
200	(a) Juxtaglomerular apparatus	rongs.
	(b) Digestion of cellulose in ruminants.	

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- 9. Write short notes on the fallowing: 5×2=10
 (a) Buccopharyngeal exchange of gases in amphibians
 (b) Symplast.
 10. Write short notes on the fallowing: 5×2=10
 - (b) Krebs, cycle.

Insectivorous plants