



Reg. No.----

Date: 30th May 2017 Time: 4.00 pm – 5.30 pm

Instructions

- 1. This question paper has two parts, Part A and Part B.
- 2. There are twenty five (25) MCQs (Multiple Choice Questions) in Part A.
- 3. Answers to all MCQs must be indicated by placing a cross (X) in the relevant cage of the answer sheet.
- 4. Answers to Part B should be written in the space provided in the question paper.
- 5. Please handover both Part A and Part B.

Part A
Answer sheet for Question 1

Question				
number	a	b	c	d
1.1				
1.2				
1.3				
1.4				
1.5				
1.6.				
1.7				
1.8				
1.9				
1.10				
1.11				
1.12				
1.13				
1.14		-		
1.15				
1.16				
1.17				
1.18				
1.19				
1.20				
1.21				
1.22				
1.23				
1.24				
1.25				

THE OPEN UNIVERSITY OF SRI LANKA
B.Sc. DEGREE PROGRAMME -2016/17
ZOOLOGY- LEVEL 4
OPEN BOOK TEST - I
COURSE CODE - ZLU2280
COURSE TITLE - ANIMAL FORM AND FUNCTION
DURATION - ONE AND HALF HOURS

COURSE TITLE - ANIMAL FORM AND FUNCTION DURATION - ONE AND HALF HOURS	Re. No:
Date: 30 th May 2017	Time: 4.00 pm – 5.30 pm
Part B 2. Plasma membrane has special structures to serve difference cell junction.	(Total marks 75) t functions. One of these structures is a
2.1.a. What is a cell junction?	
b. Write the common function of a cell junction.	(2 marks)
	(2 marks)
c. What is the specific feature of Adhesive junctions?	
	(2 marks

d. Nar	ne and compare two types of Adhesive junctions.	
	Name	
	1	
	2	<u> </u>
	·	
	3	,
		(8 marks)
2.2.a.	What is a carrier molecule?	

	·	
b. I	Describe how a carrier molecule transports substances.	(2 marks)
100 A		

. L	ow does transporting with carrier molecule differ from simple diffus	(5 marks)
C. 1. -		
-		
_		 (4 marks)

			(1 mark
e.	Why does it need energy?		
f.	Describe how	bulk of substances are transp	(2 marks
a. I	How would yo	u define a tissue?	(5 marks
			Mul on to be had a new ord a construction of the construction of t
b. `	What are the m		
		nost diverse and common tiss	(4 marks) ues found in almost all organs?(2 marks)
c. 1		nost diverse and common tiss	(4 marks
c. 1	Name the type	nost diverse and common tiss	(4 marks ues found in almost all organs?(2 marks
c. ì	Name the type f each.	nost diverse and common tiss	(4 marks) ues found in almost all organs? (2 marks) structure given in Table 1 and write one function
c. ì	Name the type f each. Organ	nost diverse and common tiss	(4 marks) ues found in almost all organs? (2 marks) structure given in Table 1 and write one function

		·
		(4 marks
Do you think that	blood should be considered as a tissue? Yes	s or No
	your answer given for above 3.1.e.	(1 mark
ion per san san ion' der een san san der een san san der een san san der een san san der een san der een san d		
		(4 mark
.a. Oxygenated	blood is transported from lungs to the tissues	•
	blood is transported from lungs to the tissues of transporting oxygenated blood from lungs	of the body.
	of transporting oxygenated blood from lungs	of the body. and percentage of oxygen carried
Give method	of transporting oxygenated blood from lungs	
Give method by each method	of transporting oxygenated blood from lungs	of the body. and percentage of oxygen carried
Give method by each meth	of transporting oxygenated blood from lungs	of the body. and percentage of oxygen carried Percentage
Give method by each method	of transporting oxygenated blood from lungs nod. Method	of the body. and percentage of oxygen carried Percentage (4 mark
Give method by each method	of transporting oxygenated blood from lungs	of the body. and percentage of oxygen carried Percentage (4 mark
Give method by each method	of transporting oxygenated blood from lungs nod. Method	of the body. and percentage of oxygen carried Percentage (4 mark
Give method by each method	of transporting oxygenated blood from lungs nod. Method	of the body. and percentage of oxygen carried Percentage (4 mark

n and and and and and and and and and an	tance of separation of pulmonary circular	
	e human heart is considered as a myogen	(2 marks)
· 		(2 marks)
. Write the adaption	ons of capillaries and arteries for their fu Capillaries	Arteries
Function		
Adaptation		
f. What do you m	neasure as blood pressure in human body	(8 marks)
		(1 marks
g. What is the no	ormal blood pressure in a healthy man?	(1 marks
		(Total marks 75