I SEMESTER EXAM 2017-18 SUBJECT: SCIENCE II

STD: IX TIME: 2 Hrs						MARKS: 40 DATE: 12/10/2016		
Q1	(A) Do as directed:						
(a)	Fil	l in the blank:					1	
		In Phanerogams growth of the _	_	germination of the seed,	the stored food	is used for initial		
(b)	Sta	ate true or false:					1	
		Plants in an ecos	system a	are called primary consur	ners.			
(c)	Fir	nd the odd one o	ıt:				2	
		Measles, dengue Bandages, glove		en pox, cholera hones, saline bottles				
(d)	De	fine: Operating s	ystem				1	
(B)	Re	ewrite the follow	ing stat	ements by selecting the	correct options	s :	5	
	1.	Useful articles c	an be m	ade from wastes by	solid was	stes.		
			a. c.	Incinerating recycling		burning land-filling		
	2.	The first Indian	Superco	omputer made with the he	elp of C-DAC w	vas		
			a. c.	ENIAC IBM 1401		Param Macintosh		
	3.	By which proces	ss Lacto	<i>bacilli</i> convert lactose su	gar in the milk,	into lactic acid?.		
			a. c.	Respiration Nitrogen fixation		Neutralisation Fermentation		
	4.	The correct nam	es for th	ne parts labelled 1 &2 are	::			
		a. 1-	capsule	, 2-leaf	b. 1-nuo	cleus, 2-spiral chl	oroplast	

c. 1-capsule, 2-rhizoids

d. 1-sporangium, 2-leaf

5.	After the death of apex consumers, their energy becomes available to the				
	a.	Primary consumers	b.	Secondary consumers	

c. Sun

d. decomposers

Q2 Attempt any five of the following:

10

- 1. Write the important features of Microsoft Excel.
- 2. Give reason: Energy flow through an ecosystem is 'one way'.
- 3. Give the characteristics of Gymnosperms..
- 4. Give the uses of *Lactobacilli*.
- 5. Write a note of Pyramid of Energy.
- 6. What is e-waste? How is it harmful?
- 7. Write a note on disaster management.

Q3 Attempt any five of the following:

15

- 1. Name the microbes and their uses in bioremediation.
- 2. What are the types of casualties that are seen to occur in different types of disasters?
- 3. How does a computer work?
- 4. Sketch and label Marchantia and explain its characteristics.
- 5. Write a note on Carbon cycle.
- 6. Explain how Rhizobia are useful for farmers.
- 7. Distinguish between monocots and dicots.

Q4 Answer any one of the following:

5

1. Complete the table:

Sr.	Name of the device	What is it used for?	Where is it used?	Benefits from its use
No.				
1	Computer/laptop			
2	Mobile			
3	Radio			
4	Television set			

- 2. a) Define antibiotic.
 - b) What are broad spectrum antibiotics?
 - c) What precautions should we take while using antibiotics?