



TAMIL NADU OPEN UNIVERSITY
School of Science
Department of Chemistry

B.Sc., Chemistry - Second Year

SPOT ASSIGNMENT

Course	Course Code	Admission Year
General Chemistry - III	BCHE-21	AY 2017-18

Total Marks: 25

Answer ALL Questions

	Marks
1. Explain about the biological importance of Na and K.	(5)
2. Discuss about the Borax, Boric acid, Diborane and Boron nitride.	(5)
3. Define Friedal's Craft's alkylation/arylation with examples	(5)
4. Explain in details about the characteristic features of Boron and Carbon family	(10)



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General Chemistry - IV	BCHE-22	AY 2017-18

Total Marks: 25

Answer ALL Questions

	Marks
1. What are the principles of Metallurgy.	(5)
2. Discuss about the principles of Green chemistry	(5)
3. Describe about the classification of Vitamins	(5)
4. Explain in detail about the Nitrogen and Oxygen family	(10)



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Allied Zoology (AY 2017-18)

Course Code : BCHEA - 02

Course Title : Animal Diversity

Total Marks=25

Part-A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. List out the general characteristic features of Invertebrate.
2. Draw the structure of paramecium and explain their feeding adaptations.
3. Describe the respiration mechanism of *Lemellidens*.

Part-B- Long Answer Questions

Answer the following question

(1 X 10 = 10 Marks)

1. Explain the digestive system of Rabbit.
