

[LD 0212]

AUGUST 2013

Sub.Code:1312

**B.SC., DIALYSIS TECHNOLOGY**

**SECOND YEAR**

**PAPER II – COMMUNITY MEDICINE, BASIC PHYSICS,  
INTRODUCTION TO GENETICS AND BASIC MEDICAL**

**ELECTRONICS**

**Q.P. Code: 801312**

**Time: Three hours**

**maximum: 100 Marks**

**Answer All questions**

**I Elaborate on:**

**(3x10 =30)**

1. Explain in detail about Hospital Waste Management
2. Mention about various sources of Water supply. Explain in detail about purification of Water on large scale and small scale
3. Describe Southern blotting mechanisms.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Classification of waste
2. Gene and its units
3. Concept of Health and Disease
4. Generalized transduction
5. Hardness of water--special treatments
6. Genetic counseling
7. National Water supply and sanitation Programme
8. Social aspects of nutrition

**III. Write short answers on:**

**(10 x 3 = 30)**

1. Chemical Waste disposal
2. DNA fingerprinting
3. Segregation of Waste
4. Northern blot
5. Immunization Schedule
6. Restriction maps
7. Mid-day meal programme
8. Transformation
9. Water pollution
10. Define clone.

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