

[LH 0815]

AUGUST 2015

Sub.Code :1311

**B.Sc. DIALYSIS TECHNOLOGY**

**SECOND YEAR**

**PAPER I – MICROBIOLOGY, PATHOLOGY – II, NUTRITION AND  
PHARMACOLOGY**

*Q.P. Code: 801311*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 =30)**

1. Give detail sketch on Mode of transmission, diagnosis, vaccinations and Universal precautions on Hepatitis B virus.
2. Elaborate on Acute renal failure.
3. Classify carbohydrates. Write in detail their sources, requirements and efficiency.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. Classify the fungi based on reproduction.
2. Urinary tract infection – sampling methods for culture and sensitivity.
3. Lupus nephritis.
4. Renal calculi.
5. Megaloblastic anemia.
6. Vitamin A and its clinical significance.
7. Low molecular weight heparin.
8. Haemodialysis concentrates.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Phosphate binders.
2. Erythropoietin.
3. Heparin antidote.
4. Food exchange principle.
5. Vitamin K.
6. Folic acid.
7. Haematuria.
8. Active urine sediment.
9. Gram stain procedure.
10. Life cycle of Malaria.

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