

B.Sc. RESPIRATORY THERAPY

SECOND YEAR

**PAPER III – DIAGNOSTIC TECHNIQUES IN CARDIO
RESPIRATORY DISEASES**

Q.P. Code: 802613

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Allergic skin test.
2. Polysomnography.
3. AutoCPAP trial.

II. Write Notes on:

(8 x 5 = 40)

1. Maximum Mid expiratory flow rate (MMEF).
2. DLCO / VA.
3. Residual volume.
4. Transbronchial lung biopsy.
5. ECG findings in Ventricular arrhythmias.
6. EBUS TBNA.
7. Ultrasound chest signs for diagnosis of Pleural effusion.
8. ECG findings in Corpulmonale.

III. Short Answers on:

(10 x 3 = 30)

1. XPERT MTB Rif.
2. Contraindications of Cardiopulmonary Exercise test.
3. Venous Blood Gas.
4. Role of Lower limit of Normal volumes in Spirometry.
5. Draw a Flow volume graph showing insufficient effort during spirometry.
6. Compliance test for Patient using CPAP.
7. Write names of two types of culture for Mycobacterium tuberculosis.
8. Two indications for Induced Sputum test.
9. How to measure Mantoux test result?
10. Instructions to patient prior to bronchoscopy.
