



Jharkhand State Paramedical Council

RIMS Campus, Bariatu, RANCHI 834009

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Module 3: Introduction to the Internet

Create an e – mail account. Use the internet to search for a subject of interest.

Theory Paper II (100 Marks)

Part A (50 Marks)

Diploma in E.C.G. /Non Invasive Cardiology
Technician

1. Anatomical structure of heart.
2. Nervous control of heart.
3. Anatomy of mediastinum
4. Coronary circulation
5. Systemic circulation
6. Pulmonary circulation
7. Cardiac Cycle
8. Automaticity and conduction system of heart.
9. Physiology of contraction and relaxation of muscles.
10. Heart rate according to age and its physiological variations.
11. Different types of ECG machines.
12. Maintenance of ECG machine.
13. Identification basic defects
14. Unipolar and augmented Limb leads.
15. Cheats leads.

Part B (50 Marks)

1. Electro Physiology
2. Einthoven Triangle
3. Normal ECG.
4. Abnormal ECG.
5. Methods of reading heart and rhythm in ECG.
6. Basics of TMT.
7. Cardio pulmonary resuscitation (CPR)
8. Stress ECG- Protocol, Procedure, Indications and contra indication

PRACTICAL (100 Marks)

1. To demonstrate different parts of ECG machine
2. Places of Lid application in Routine ECG
3. Application of Rt Ventricular Lead
4. Cardio Rhythm Monitor
5. Rhythm Strip
6. How to differentiate Normal ECG Form abnormal ECG
7. Maintenance of ECG Machine
8. Stress ECG Decoding
9. Cardio Pulmonary Resuscitation

Course Training

1. 6 months in OPD
2. 3 months in ICCU
3. 3 months in inventive Laboratory

VIVA : (100 MARKS)



झारखण्ड राज्य पारामेडिकल परिषद

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(Constituted by the Department of Health, Medical Education & family Welfare, Government of Jharkhand vide Notification no- 7(A)/Paramed.-11-09/09-356(7A)Ranchi, Dated 17.9.2010)

सभी डिप्लोमा पाठ्यक्रमों का Paper-I, Common रहेगा, जबकी
विषयवार Paper-II का सिलेबस अलग-अलग रहेगा।
