



All India Institute of Medical Sciences, Jodhpur

Indicative Syllabus for the Examination for the Post of Electrocardiograph Technical Assistant

(Syllabus is only indicative. The questions can assess any aspect of knowledge, aptitude, attitude and practical skills, which is expected from a trained person to work efficiently at the advertised post. The number and sequence of questions examining any particular topic / subject may be variable.)

Basics of ECG Technical Assistant Work

- Basic Anatomy & Physiology of Heart
- Basic Principles of
 - Elementary Physics
 - Galvanometer
 - Elothuven's Principles
 - Standard 12 lead ECG
 - Electrical Axis
- Normal Electrocardiogram
- ECG Equipment details
- Pitfalls of ECG recordings
- Maintenance of ECG machine
- Defibrillators, Central Monitor and Bedside Monitor
 - Use
 - Maintenance
- Stress ECG [Treadmill Test]
- Holter Monitoring
- Interpretation of life threatening arrhythmias & ECG of Myocardial Infarction.
- First Aid Management of cardiac emergencies
- Practical Training in ICCU and non-invasive diagnostic laboratory

DSB