

**Directorate of Health  
Medical Service and Medical Education  
Gujarat State  
30<sup>th</sup> Laboratory % X-ray Technicians Training Course Examination-2018  
Subject- Biochemistry**

**Time: 2 hours**

**Total Marks: 50**

**Q.1 Write in detail (ANY ONE)**

**Marks: 10**

- a) Estimation of blood sugar level and its interpretation.
- b) Isonzymes of diagnostic importance in myocardial infarction

**Q.2 importance of Quality control in Clinical Biochemistry Laboratory.**

**Marks: 10**

**Q.3 Write short notes (ANY THREE)**

**Marks: 15**

- a) Lipid profile.
- b) Urine analysis.
- ~~c) Liver Function Tests.~~
- d) Biomedical waste disposal.

**Q.4 Explain in short (ANY TWO)**

**Marks: 10**

- a) Pre-analytical errors.
- b) ABG analysis.
- c) Different vacuttees & order of draw.

**Q.5 Answer briefly (ANY FIVE)**

**Marks: 05**

- a) What is mini- GTT.?
- b) Enlist Thyroid function tests.
- ~~c) Beer's & Lambert's Law.~~
- d) Define Precision / Accuracy.
- ~~e) Principle of electrophoresis.~~
- f) Explain terms NABL & POCT.
- g) Explain L.J. charts.