

**Directorate of Health**  
**Medical Services and Medical Education**  
**Gujarat State**  
**28<sup>th</sup> Laboratory & X-ray Technicians Training Course Examination-2016**  
**Subject-Biochemistry**

Time:- 2 hours

Total Marks:- 50

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

Marks:- 10

- a) Urine analysis
- b) Quality Control (QC) in laboratory

**Q.2. Write short notes (ANY THREE)**

Marks:- 15

- a) Lipid profile
- b) Enzyme inhibition
- c) Liver Function Tests (LFT)
- d) Glucose Tolerance Test (GTT)

**Q.3. Answer in short (ANY FOUR)**

Marks:- 10

- a) Why Hemolysed samples are rejected ?
- b) How is Ammonia toxic to brain ?
- c) Why is HDL a "Good Cholesterol" ?
- d) Name Disinfectants used in laboratory.
- e) Name Antioxidant vitamins.

**Q.4. Explain in few lines (ANY TWO)**

Marks:- 10

- a) First Aid measures in laboratory
- b) Different Vacuttes and Order of Draw
- c) ABG analysis

**Q.5. Explain the terms in short (ANY FIVE)**

Marks:- 05

- a) NABL
- b) ISE
- c) L. J. charts
- d) Panic value reporting
- e) Point of Care Testing (POCT)
- f) Accuracy and Precision