

**2055**

**B. Voc. (Medical Lab Technology)**  
**Sixth Semester**  
**BMLT-604: Clinical Biochemistry - II**

**Time allowed: 3 Hours**

**Max. Marks: 40**

**NOTE: Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit.**

*x-x-x*

**Q: 1. Explain the followings:**

- a) What is Electrogastrography?
- b) What is the GTT done in pregnancy?
- c) What are the future trends in biochemistry?
- d) What is the ascitic fluid?
- e) What diseases are diagnosed with bone marrow test?
- f) What are the sources of error in clinical chemistry?
- g) What is the principle of stool examination?
- h) Why is it important to maintain inventory records?

**(8X1=8)**

**UNIT-I**

**Q: 2. Write the procedure and purpose of gastric analysis and CSF analysis.**

**(8)**

**Q: 3. Explain the followings:**

- (a) Glucose tolerance test.
- (b) Automation in clinical biochemistry Laboratory.

**(4,4)**

**UNIT-II**

**Q: 4. (a) Write the procedure for the examination of pericardial and pleural fluids?**

**(b) Explain the method of collection and examination of sputum sample.**

**(4,4)**

**Q: 5. Explain the Principle, Procedure and clinical significance of CSF examination.**

**(8)**

**UNIT- III**

**Q: 6. Write an account on the various advanced techniques in the field of biochemistry.**

**(8)**

**Q:7. Explain the future trends and advancements in the field of clinical pathology.**

**(8)**

**UNIT- IV**

**Q:8. What is an inventory record? How do you maintain inventory and test results record?**

**(8)**

**Q:9. Explain the followings-**

- (a) Differentiate Clinically significant & clinically insignificant findings.
- (b) Quality Assurance Monitoring

**(4,4)**

*x-x-x*