



**DMLT/DMRT EXAMINATION BOARD, ODISHA**

**FINAL D.M.L.T (ANNUAL EXAMINATION )-2021**

**QUESTIONS (BIOCHEMISTRY; PAPER- III)**

**TIME: 3 Hours**

**FULL MARKS: 60**

**ANSWER ALL THE QUESTIONS**

**1. Write short notes : (Any 6)**

**(5X6=30)**

- a. Creatinine clearance
- b. Pancreatic function tests
- c. Thyroid function tests
- d. Liver function tests
- e. Detection of protein in pathological urine
- f. Biochemical tests for CSF
- g. Colorimeter

**2. Fill in the blanks.**

**(1 x 15=15)**

- a. The normal fasting blood glucose level is.....
- b. The serum sodium level is .....
- c. The .....is an enzymatic marker of obstructive liver disease.
- d. The ..... test is used to detect ketone bodies in pathological urine.
- e. The normal level of hemoglobin in male is.....
- f. The .....test is used to diagnose jaundice.
- g. The normal range of blood pH.....
- h. The ..... is called as good cholesterol in the body.
- i. The ..... is a storage form of carbohydrate in animals.
- j. The ..... mineral is required for strong bones.
- k. The ..... vitamin deficiency causes scurvy.
- l. The normal level of serum urea is .....
- m. The normal level of serum bilirubin is.....
- n. Estimation of serum amylase measures ..... organ function test.
- o. The ..... test in urine detects blood.

3. Write answer in 1-2 sentences.

(1 x 10 = 10)

- a. Name the hormones that help in controlling blood sugar level.
- b. Name a reducing sugar and mention its source.
- c. Name the parts of a colorimeter.
- d. Name the markers of myocardial infarction.
- e. Why samples for estimating blood sugar are collected in fluoride tubes?
- f. Name the enzymes used to measure liver function test.
- g. Write the principle of Rothera's test.
- h. Which disease is caused by the excessive deposition of Uric acid in the joints?
- i. Write two functions of the serum proteins.
- j. Name the pancreatic function test.

4. Describe urea clearance test.

(5 X 1 = 5)

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