

Biochemistry Theory Examination

2nd Year B. Physiotherapy, Lokhat Sarvajani Physiotherapy College , Surat

Date: / /2018

Time:

Total Marks: 40

1. Long Question (Any One)

(10)

1. Type of Enzyme Inhibition. Explain with example.
2. Haemoglobin degradation pathway Types , Causes and differentiation by serum and urine examination of Jaundice.

2. Short notes. (Any Three)

(15)

1. Acute and Chronic complication of Diabetes Mellitus.
2. Renal mechanism for Acid Base balance.
3. Biochemical explanation of Albinism & Alkaptonuria.
4. Post-transcription modification of m-RNA.

3. Justify following sentence. (Any 5 out of 6)

(15)

1. Lactase enzyme deficiency causes diarrhea after milk ingestion.
2. Folic acid , vitamin B12 and pyridoxine phosphate is use to reduce homocysteine level.
3. Increase ammonia is toxic to brain.
4. Snake bite causes severe hemolysis.
5. Zwitter ions has minimum buffering & solubility capacity.
6. "Mutations are always harmful." True or Flase, Explain it.