Total Number of Pages-3 **II-MBBS**—Biochem-I

aniwolloLuris no esko 2019 16 Englanding and Sequence of reactions of BIOCHEMISTRY

· bos A autority to an Paper -1

willspinido dhiw

Full Marks : 50 tui) Precipitation reaction of proteins

Time : 3 hours

Answer all questions

The figures in the right-hand margin indicate marks

Draw diagrams wherever necessary

\1. Describe Hemoglobinopathies. (b) The Key enzyme of heme synthesis

(Set-1)

2. Define glycolysis. Enumerate the steps of glycolysis. What is the significance of glycolysis? What are the factors regulating glycolysis? 1 + 4 + 2 + 3

(Turn Over)

. Total Numiler of Pages-3 II-MBBS-Biochem-I (Set-1);

Hay's revisors

(c) Von Gierke BIOCHEMISTRyce to deliciency 01 C1:612 Paper - I

Full Marks 50

Time: 3 hours

Answer all questions

Draw diagrams wherever necessary -

reseribe Hemoglobuponathies.

incolysis. What is the significance of.

3. Write short notes on the following : 5×5

(2)

Tout Munitor of Same

(i) Components and Sequence of reactions of Electron transport chain.

(*ii*) Deficiency manifestations of Vitamin A and dietary sources

° (iii) Precipitation reaction of proteins

(iv) Competetive inhibition with clinically significant examples

(v) HMP shunt pathway.

4 Fill in the blanks :

Ladadonif _ And Man

 1×5

(a) Absorbed triglycerides are transported in blood as _____.

(b) The key enzyme of heme synthesis is _____.

(c) The amino acid involved in melanin synthesis is _____.

(32)

(d) Bile salts in urine are detected by which test : to components and Sequence of reactions of

(e) Von Gierke's disease occurs due to deficiency of _

(ii) Deficiency manifestations of Vitamin A and dietary sources

(*ib*) Precipilizion reaction of proteins

(m) Competence inhibition with clinically significant examples

(c) HMP shunt pathway.

Hillin the blanks :

 Absorbed ungla contest are transported to blood as ______

(b) The key enzyme of heme synthetis

c. The amino acid involved in melanin synthese

II-MBBS-Biochem-I(Set-1)

NA-200

(Continued)

II-MBBS-Biochem-I(Set-1)