

M. SC. (MEDICAL BIOCHEMISTRY) : WINTER - 2017

SUBJECT : PAPER – III: CLINICAL BIOCHEMISTRY

Day : **Wednesday**

Date : **06/12/2017**

Time : **2.00 P.M. TO 5.00 P.M**

Max. Marks : 100

W-2017-3387

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labeled diagrams **WHEREVER** necessary.
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Q.1 Classify jaundice. Describe the causes and role of laboratory to diagnose the different types of jaundice. [25]

Q.2 Discuss mechanism of action of hormones. [25]

Q.3 What is normal blood pH? Describe the mechanism of its regulation. Add a note on acidosis. [25]

Q.4 Write notes on **ANY THREE** of the following: [25]

- a) Abnormal constituents of urine
- b) Detoxification reactions
- c) Accreditation of a clinical laboratory
- d) Fatty Liver

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