

**M. D. (BIOCHEMISTRY) : SUMMER - 2018**

**SUBJECT : BIOCHEMISTRY  
PAPER – III : CLINICAL BIOCHEMISTRY**

Day : **Wednesday**  
Date : **06/06/2018**

**S-2018-3409**

Time : **2.00 P.M. TO 5.00 P.M**  
Max. Marks : 100

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**N. B. :**

- 1) **Q. No. 1 and Q. No. 2 are COMPULSORY.**
  - 2) Attempt **ANY SEVEN** questions from **Q. No. 3 and Q. No. 10.**
  - 3) Figures to the right indicate **FULL** marks.
  - 4) Draw neat and labelled diagram **WHEREVER** necessary.
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- Q. 1** Discuss the concept of Total Quality Management (TQM) in clinical laboratory. (15)
- Q. 2** Describe the important homeostatic mechanisms in the body. (15)
- Q. 3** Liver function tests in Alcoholic patients. (10)
- Q. 4** Markers of Bone metabolism. (10)
- Q. 5** Biochemistry of aging. (10)
- Q. 6** Adipose Tissue : An endocrine organ. (10)
- Q. 7** Synthesis, functions and mechanism of action of thyroid hormones. (10)
- Q. 8** Inborn errors of metabolism of aromatic amino acids. (10)
- Q. 9** Anion Gap. (10)
- Q.10** Role of laboratory in diagnosis and management of Diabetes Mellitus (DM). (10)

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