

QP Code : 202383

Reg . No.....

**Second Year M.Sc. MLT Supplementary Degree Examinations – June 2014
(Biochemistry)**

**PAPER – VI DIAGNOSTIC BIOCHEMISTRY, RECENT ADVANCES IN CLINICAL CHEMISTRY AND
BIOSTATICS**

Time : 3 hrs.

Max. marks : 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(10x10 = 100)

1. Discuss the pathophysiology of diabetes mellitus. Add a note on the diagnostic tests for diabetes.
2. How the acid-base balance is maintained in the body.
3. Tumor markers – Classification and significance
4. Point of care testing.
5. External quality control in clinical chemistry.
6. Selection and quality assessment of apparatus for chemistry analysis.
7. Biochemical investigations to assess cardiac function.
8. Apoptosis – process and significance.
9. Common interferences in biochemical analysis.
10. Mass spectrometry.
