

**2009****M.Sc.****1st Semester Examination****BIO-MEDICAL LABORATORY SCIENCE AND MANAGEMENT****PAPER—IV & UNIT—VIII****(PRACTICAL)***Full Marks : 50**Time : 4 Hours**The figures in the right-hand margin indicate full marks.**Candidates are required to give their answers in their own words as far as practicable.***Answer all questions.****Module I : (25 marks)**

1. Perform the programming of ELISA for hormone assay and submit the print copy using the supplied data. 7
2. Measure the hormone level of the supplied sample as per direction and write your comment on the result. 8
3. Laboratory Note Book. 5
4. Viva Voce. 5

**Module II : (25 marks)**

1. Using the supplied data, perform the analysis of the Clomiphene Test and write your comments. 5
  2. Evaluate the pituitary thyroidal axis from the supplied results of TRH-test and interpret. 5
  3. Comment on the supplied data of serum insulin and  $\alpha$ -peptide. 5
  4. Laboratory Note Book. 5
  5. Viva Voce. 5
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