



CLINICAL PATHOLOGY AND SEROLOGY HSSC-II

93

Time allowed: 2:20 Hours

Total Marks Sections B and C: 40

NOTE: Answer any thirteen parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

SECTION – B (Marks 26)

Q. 2 Answer any THIRTEEN parts. The answer to each part should not exceed 2 to 4 lines. (13 x 2 = 26)

- (i) Write down procedure of blood sample collection.
- (ii) Explain quality control and quality assurance.
- (iii) How would you interpret results of OGTT?
- (iv) Explain the significance of measuring specific gravity in Urine.
- (v) How would you detect Bilirubin in Urine?
- (vi) Explain about Microscopic examination of Urine.
- (vii) What is autoimmune disease? Give examples.
- (viii) What is anticoagulant? Give examples.
- (ix) Write down principle of RA test.
- (x) Differentiate between agglutination and precipitation.
- (xi) What is procedure of sperm count in semen analysis?
- (xii) Describe 24 hour Urine sample collection procedure.
- (xiii) How Bile Salts can be detected in Urine sample?
- (xiv) What are advantages of Urine preservation?
- (xv) What is the method to detect free HCL in gastric juice?
- (xvi) Describe important features of IgG.
- (xvii) What is method to clean laboratory glassware from bacteria?

SECTION – C (Marks 14)

Note: Attempt any TWO questions. All questions carry equal marks.

(2 x 7 = 14)

- Q. 3** Write down principle, requirements and procedure of ASOT test.
- Q. 4** What are functions of CSF? Explain the collection method, physical examination and cell count method of CSF sample.
- Q. 5** Describe Urine physical examination. Enumerate types of Urine sample.