



CLINICAL PATHOLOGY AND SEROLOGY HSSC-II

99

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) Define distillation and deionization of water.
- (ii) How would you detect Bence Jones Protein?
- (iii) What is principle of widal test?
- (iv) What is difference between Azoospermia and Oligospermia?
- (v) How would you detect glucose in blood sample and Urine sample?
- (vi) What are immunoglobulins function in the body?
- (vii) What is importance of specific gravity in Urine?
- (viii) Write down physical examination of CSF.
- (ix) Write down procedure of oral glucose tolerance test.
- (x) What is method to estimate motility of spermatozoa in semen?
- (xi) Write down principle of RA test.
- (xii) How would you estimate Ketone bodies in Urine?
- (xiii) What is difference between Accuracy and Precision?
- (xiv) What is method of gastric stimulation?
- (xv) What is method to measure Bilirubin in Urine?
- (xvi) What is difference between Quality Control and Quality Assurance?
- (xvii) Enlist preservatives for Urine specimen.

SECTION – C (Marks 14)

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

(2 x 7 = 14)

Q. 3 Write down principle, procedure and interpretation of results of ASOT.

Q. 4 Describe different types of Urine specimen. Write down physical examination of Urine.

Q. 5 Write down physical, chemical and microscopic analysis of CSF.