

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

11. a. Discuss the relationship between pKa and pH.
OR
b. Highlight the glass electrode.
12. a. Outline the instrumentation of fluorimetry.
OR
b. Point out the applications of flame photometer.
13. a. Trace the method of molecular sieve chromatography.
OR
b. Discuss the applications of column chromatography.
14. a. Discuss the principle and instrumentation of agarose gel electrophoresis.
OR
b Highlight the differential centrifugation.
15. a. Point out the detection and measurement of radioactivity by liquid scintillation counter.
OR
b Elucidate the autoradiography.

Z-Z-Z

END