



COMPUTER SCIENCE SSC-I

2019

Time allowed: 2:40 Hours

Total Marks Sections B and C: 43

NOTE:- Answer any nine 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 27)

Q. 2 Answer any NINE parts from the following. All questions carry equal marks.

(9 x 3 = 27)

- (i) Compare 1st and 3rd generation computers.
- (ii) Briefly describe Napier's Bone.
- (iii) Give any three objectives of operating system.
- (iv) What is meant by managing data and why is it important?
- (v) Briefly describe time sharing operating system.
- (vi) Name any three areas of application of MS Excel.
- (vii) Why are header and footer important in a Word document?
- (viii) Differentiate attenuation and distortion.
- (ix) What is bandwidth?
- (x) What is meant by data transmission?
- (xi) Differentiate between a server and a client computer.
- (xii) What is meant by information privacy?
- (xiii) Differentiate authentication and authorization.

SECTION - C (Marks 16)

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

(2 x 8 = 16)

Q. 3 a. Explain four types of application software. (04)

(04)

b. Write a note on Dial-up and DSL Internet Connection. (04)

(04)

Q. 4 a. Explain Asynchronous and Synchronous data transmission modes with example. (06)

(06)

b. Explain use of Access Card. (02)

(02)

Q. 5 Explain in detail types of network based on geographical area. (08)

(08)