



APPLIED SCIENCES HSSC-II

Time allowed: 2:20 Hours

Total Marks Sections B and C: 40

NOTE: Answer any twelve 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 24)

Q. 2 Answer any TWELVE parts. The answer to each part should not exceed 2 to 4 lines. (12 x 2 = 24)

- (i) Write a note on CPU.
- (ii) Differentiate between trackball and Track pad.
- (iii) How will you evaluate Printers?
- (iv) What is a Machine Cycle?
- (v) How magnetic storage works?
- (vi) Write a note on GUI (Graphical User Interface) tools.
- (vii) How a document can be edited in word processing program?
- (viii) What are the uses of a presentation program?
- (ix) Why and where Modems are used?
- (x) Define Safety.
- (xi) Enlist physiological effects of current and define one of them.
- (xii) What is fibrillation and name the machine used for its cure.
- (xiii) Enlist the conducive paths of current to the heart.
- (xiv) Write a short note on ionizing radiations.
- (xv) Enlist methods of minimizing radiation effects of human beings.
- (xvi) Write precautions to prevent accidents.

SECTION – C (Marks 16)

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

(2 x 8 = 16)

- Q. 3** Explain Atomic structure including ionization and excitation.
- Q. 4** Write a note on Input devices of computer.
- Q. 5** Enlist types of processors and explain two of them used commonly.