

I-390

PGDCA Examination, 2020 INTRODUCTION TO SOFTWARE ORGANIZATION

Time Allowed : Three Hours

Maximum Marks : 100

Minimum Pass Marks : 40

Note : Attempt one question from each unit is compulsory.

All questions carry equal marks.

Unit - I

- Q. 1.** Explain various Input and Output devices in detail.
- Q. 2.** What do you mean by Computer ? Explain its strength and limitation. Write the various generations of the Computer System.

Unit - II

- Q. 3.** Explain the following (any four) :
- (a) SIMM
 - (b) DIMM

I-390

P.T.O.

(2)

- (c) RAM and ROM
- (d) Hard disk
- (e) Floppy disk

Q. 4. Write short notes on (any two) :

- (a) ALU and control unit
- (b) Registers and its types
- (c) Types of storage devices

Unit - III

- Q. 5.** What is an operating system ? Explain Booting process. Write various operating system with example.
- Q. 6.** Write short notes on (any two) :
- (a) Assembler and Compiler
 - (b) Linker and Loader
 - (c) Debugger

I-390

(3)

Unit - IV

Q. 7. What do you mean by network topology ? Explain various topologies in detail.

Q. 8. Explain the following (any four) :

- (a) NIC
- (b) NOS
- (c) Protocols
- (d) HUB
- (e) ISP

Unit - V

Q. 9. Explain the Linux operating system. Write the structures and features of Linux.

Q. 10. Perform the following commands with example (any four) :

- (a) cd and md

(4)

- (b) rm and mv
- (c) cp and ls
- (d) cat and find
- (e) Linux text editor commands

