F – 1900

P.G. Diploma in Computer Application (First Semester)

(Old Course) Examination Dec.-Jan., 2021-22

INTRODUCTION TO SOFTWARE ORGANIZATION

(PGDCA-101)

Time : Three Hours] [Maximum Marks : 100

Note :-Attempt any two parts from each unit. All questions carry equal marks.

UNIT -I

1. a. What is computer generation? Write characteristic of each generation of computer.
   b. What is personal computer. Explain architecture of Pentium IV.
   c. Write short note on –
      i. Input, Output device
      ii. Types of computers

UNIT -II

2. a. Explain block diagram of central processing unit with its components.
   b. What is storage device? Explain primary and secondary storage device.
   c. Explain data storage and retrieval system.

UNIT -III

3. a. What is software? Explain compiles, Interpreter and assembles.
   b. What is Booting process? Explain types of booting.
   c. What is programming language? Explain types of programming language.

UNIT –IV

4. a. Explain communication protocols.
   b. Explain brides, HUB, Router and Gateways.
   c. Write short notes on –
      i. World Wide Web
      ii. Application of Internet

UNIT –V

5. a. Explain structure of Linux OS.
   b. Explain Linux editors and editor commands
   c. Write short notes on –
      a. md b. cat c. find d. grep

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