Code No. **179/1**

Roll No. ☐☐☐☐☐☐☐

Candidates must write the Code on the title page of the answer-book.

- Please check that this question paper contains **2** printed pages.

- Code number given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.

- Please check that this question paper contains **5** questions.

- **Please write down the Serial Number of the question before attempting it.**

- 15 minutes time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the student will read the question paper only and will not write any answer on the answer script during this period.

IT SYSTEMS
(Theory)

Time allowed : 3 hours]   *[Maximum marks : 50*

Note : *All questions are compulsory.*

1. Expand the following abbreviations and write a brief descriptions about each :   **5**
    - (a) LAN
    - (b) HDD
    - (c) FTP
    - (d) CAM
    - (e) FMS

2. Fill in the blank with suitable word(s) :   **5**
    - (a) BIOS is built into the _____ (memory) chips of a computer.
    - (b) Files when deleted in windows are moved to _____.
    - (c) 1 Gigabyte (GB) = _____ MB.
    - (d) Connecting/Linking two or more computers other computing device together is called _____.
    - (e) _____ is the protocol for transferring files to and from a host computer.
    - (f) A _____ is a secret word or string of characters that is used for authentication of person.
    - (g) _____ is used for factory automation.

(h) _____ .sys file stores configuration in DOS.

(i) _____ program detects a virus and eliminates it from the computer.

(j) A _____ is a type of network spread over city.

3. Answer the following questions very briefly :   8

(a) What is control unit in computer ?

(b) How in windows task bar can be hidded or displayed ?

(c) How multimedia setting can be changed in windows ?

(d) Write DOS commands with example for making directory.

(e) What is Robotics ?

(f) What is a Digital Signature ?

(g) What is CPU ?

(h) How repeater and gateway play important role in computer networking ?

4. Answer the following questions :   12

(a) What is CNC ?

(b) How audio properties can be changed in windows ?

(c) What is E-Commerce ? Explain with example.

(d) How task bar setting can be changed in windows ?

(e) Write DOS commands with example to show deleting files.

(f) What is a web browser ?

(g) Distinguish between MD and RD commands of DOS.

(h) Write DOS commands with example to set the environment.

5. Answer the following questions :   20

(a) List any two application of Factory Automation.

(b) What is Microprocessor ?

(c) Write the importance of config.sys file.

(d) What is video conferencing ? Give its two application.

(e) Convert binary number 101111 into decimal.

(f) Convert decimal number 92 into binary.

(g) List two application of computer in military.

(h) What are software diagnostic tools for computer maintenance ? Give example of any two.

(i) How is encryption and decryption significant when carrying out sensitive transaction ?

(j) What are newsgroups ? Give example.

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