Roll No. ☐☐☐☐☐☐☐

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

- Please check that this question paper contains **3** 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 students 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 description about each :   5

      (a)   FTP

      (b)   FDD

      (c)   LAN

      (d)   CAM

      (e)   FMS

2. Fill in the blanks with suitable word(s) :   5

(a) _____ DOS command is used to clear screen.

(b) _____ DOS command is used to Change Directory.

(c) Booting is loading _____ into the RAM of computer.

(d) Files when deleted in Windows are moved to _____ .

(e) BIOS is built into the _____ (memory) chips of a computer.

(f) _____ is used for factory automation.

(g) 1 Gigabyte (GB) = _____ MB.

(h) _____ is a protocol for transferring files to and from a host computer.

(i) A _____ is a secret word or string of characters that is used for authentication of person.

(j) The process of sale and purchase of goods over the Internet is called _____ .

3. Answer the following questions briefly :   8

(a) What is Robotics ?

(b) How is screen server set up in Windows ?

(c) What are the steps for installing new software in Windows ?

(d) Write DOS command to Delete Directory.

(e) Write DOS command to Rename File.

(f) How can Internet be used for Marketing ?

(g) What is the function of Repeater in a Computer Network ?

(h) Define privacy with reference to computer security.

4. Answer the following questions :   12

(a) Define Factory Automation.

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

(c) How can task bar setting be changed in Windows ?

(d) Write DOS command to sort file with example.

(e) Write DOS command with example to show saving of file.

(f) What is a Digital Signature ?

(g) Distinguish between config.sys and autoexec.bat file.

(h) List any three security threats to data in a computer system.

5. Answer the following questions : 20

(a) List two advantages of networking computers.

(b) What is Virtual Reality ? Name two applications of Virtual Reality.

(c) List various file permissions. Give any two examples.

(d) What is browser ? Give any two examples of browser.

(e) Define Forum on Internet. Give any two examples of Forum on Internet.

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

(g) List two applications of computers in weather forecasting.

(h) Convert binary number 1110101 into its decimal equivalent.

(i) Convert 82 decimal number into its binary equivalent.

(j) What is microprocessor ? Give its two applications.