

BSc DEGREE EXAMINATION MAY 2017
(First Semester)

Branch- **INFORMATION TECHNOLOGY**

FUNDAMENTALS OF INFORMATION TECHNOLOGY

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10 x 2 = 20)

- 1 List any two of the configuration of Modem Computers.
- 2 What are the Input Devices?
- 3 Define system software.
- 4 Differentiate the viruses and worms.
- 5 What are the types of Networks?
- 6 Give example for creating, copying and viewing files using MS-DOS command.
- 7 Give examples for Array and Record Data types.
- 8 What is the significance of using master files?
- 9 Give four examples of using Information Technology in Education and Training.
- 10 . What do you mean by Artificial Intelligence?

SECTION - B (25 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

- 1 a Write short notes on computers in society.
OR
b Briefly explain about various output devices.
- 12 a What are the steps to be followed to partition a Disk using FDISK? Explain.
OR
b Describe about virus detection and prevention.
- 13 a Give notes on LAN and WAN.
OR
b Discuss about MS-DOS Batch commands with example.
- 14 a Classify the Data by various types with example.
OR
b Give notes on program files.
- 15 a How to use the Information Technology in the Metrology ? Explain.
OR
b Write shot notes on Computer Applications for the future.

SECTION- C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)'

- 16 Write in detail about types of CPU.
- 17 Explain the following : i) User Interface ii) Application Software. (5+5)
- 18 Write about “check for a single file” and “check for a group of file” with relevant MS-DOS commands.
- 19 Explain in detail about File System.
- 20 Explain the impact of Information Technology in Business and Industry.