

# FUNDAMENTALS OF INFORMATION TECHNOLOGY -101

## Semester - I

Time Allowed: 3 Hrs.

Max. Marks - 70

- Note:** 1) Attempt *two* questions each from Sections A and B carrying 10 marks each. Section C is compulsory carrying 30 marks each.  
2) Use of non-programmable scientific calculator is allowed.

### SECTION - A

1. What is Computer? Explain the generations of computer. 10
2. What are output devices? Explain the output devices in detail. 10
3. Describe the following :
  - a) Secondary Storage Devices
  - b) Computer Languages
 5+5= 10
4. What is Firmware? Explain the System software in detail. 10

### SECTION - B

5. What is Topology? Explain the network topologies in detail. 10
6. What is IP Address? Explain Internet services provider & Security. 10
7. Describe the following:
  - a) Web Search Engine
  - b) Multimedia Technology
 5+5= 10
8. What is Information Technology? Explain the role of IT in education. 10

### SECTION - C

#### 9. Answers to the following questions briefly:

- a) What is Wi-Fi?
- b) What is Firewall?
- c) What is TELNET?
- d) What is IP Address?
- e) What is Online Shopping?
- f) What is Nanotechnology?
- g) What is Cloud Technology?
- h) What is Dot Matrix Printer?
- i) What are the Web Browsers?
- j) What are the limitations of E-Commerce?

10x3=30