

INTRODUCTION TO INFORMATION TECHNOLOGY**BC-101(N2)****Paper ID- B0201****Time Allowed: 03 Hrs****M. Marks: 60**

Note: Attempt all questions from Section-A and any four questions from Sections-B.

Section A

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|--------|---|---|
| Q1 (a) | What is role of control unit in computer? Explain. | 2 |
| (b) | Explain the difference between impact and non impact printers. | 2 |
| (c) | What is multiprogramming? How it is different from multiprocessing? | 2 |
| (d) | What are advantages of an E-Mail over traditional mail? | 2 |
| (e) | What are batch files? How batch files are created in MS-DOS? | 2 |
| (f) | What is role of scanner? Explain. | 2 |
| (g) | What is need of MODEM in data communication? | 2 |
| (h) | Explain the difference between copy and xcopy command in MS-DOS. | 2 |
| (i) | What is real time operating system? Explain its types. | 2 |
| (j) | What are advantages of plotter over printer and vice versa? | 2 |

Section B

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| 1 | What is history of computer? Explain the difference between digital and analog computer. Also draw and explain the block diagram of computer. | 10 |
| 2 | What is MS-DOS? Discuss various features of MS-DOS. Also explain how internal commands are different from external commands in MS-DOS. | 10 |
| 3 | What are various applications of Computer? Explain how computer is used in industry and sports. | 10 |
| 4 | Write a note on following:-
a) Structure and functions of an Operating System.
b) Buffering and Spooling. | 10 |
| 5 | What is Computer Network? Discuss its need. Explain how LAN is different from MAN and WAN. | 10 |
| 6 | What is memory hierarchy? Explain different types of primary and secondary memories with their advantages and disadvantages. | 10 |