

2006 PUNJAB TECHNICAL UNIVERSITY M.C.A

INTRODUCTION TO INFORMATION TECHNOLOGY
MCA-101,1st Semester (2096)

Time: 3 Hours
Max Marks:75

Note: Part A contain 15 question of 2 marks each and all parts are compulsory. Part B contain twelve (12) question of 5 marks each and any nine (9) are to be attempted.

PART-A

- 1. Introduction to Information Technology.*
- 2. What is the difference between topology and protocols?*
- 3. Describes the telnet and FTP?*
- 4. Describes the classification of computer?*
- 5. Name the component required for networking?*
- 6. Describes real time operating system?*
- 7. Explain about bit, byte, word?*
- 8. What is octal number system?*
- 9. Convert 888 to hexadecimal?*
- 10. What is binary coded decimal?*
- 11. How will you convert binary number to decimal form?*
- 12. Define the difference between software and application software?*
- 13. Do binary subtraction :10101-001111*
- 14. What are the excess -3 and gray codes?*
- 15. What is the significant of 2 compliment in binary arithmetic?*

PART -B

- 1. What are different physical communication media?*
- 2. Describes the difference between assembly language and higher-level language?*
- 3. What is the difference between minicomputer and microcomputer?*
- 4. What is function of scanner and what are the different types of scanner?*
- 5. What is so special about ergonomic keyboards?*
- 6. What is plotter and how it work?*
- 7. What is the compliment?*

8. *Describes about www, internet and its application?*
9. *Define the difference between multiprocessing and batch processing?*
10. *Describes the different application of the computer?*
11. *Define about the computer generation?*
12. *Describes about the forth generation language?*

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