

Punjab Technical University
Master of Computer Application Examination

MCA 1st Semester INTRODUCTION TO INFORMATION TECHNOLOGY 2006

Time: 3 Hours Maximum 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?