

Computer Fundamentals - 2013

Note: Attempt all the questions.

Section-A (Objective Type Questions)

Q.1 Choose the correct answer-

- (i) RAM is memory :
 - (a) Secondary
 - (b) Permanent
 - (c) Primary
 - (d) None
- (ii) Which is not a programming language :
 - (a) Pascal language
 - (b) Assembly language
 - (c) C language
 - (d) D language
- (iii) Which is not input device :
 - (a) Scanner
 - (b) Monitor
 - (c) Bas Code Reader
 - (d) Keyboard
- (iv) Embedded System is an example of
 - (a) RTOS
 - (b) Parallel processing.
 - (c) Batch processing
 - (d) None
- (v) is an object oriented programming language-
 - (a) Assembly language
 - (b) JAVA
 - (c) C language
 - (d) Machine language

Section-B (Short Answer Type Questions)

- 2. Explain types of computer & its characteristics.
- Or** Explain generation of the computers.
- 3. What are the various types of input and output devices?
- Or** What are the various types of input and output devices?
- 4. Explain RAM and ROM with it's types.
- Or** Explain secondary storage devices.
- 5. Write name of any five high level programming language. What are the advantage of high level programming language.
- Or** What is compiler? Write any two compiler name?
- 6. What is an operating system?
- Or** What is the difference between program and software?

Section-C (Long Answer Type Questions)

- 7. Explain linker and Assembler in detail..
- Or** Explain CRT with diagram.
- 8. Explain SRAM and DRAM and their advantages & disadvantages..
- Or** Explain real time operating system with an example.
- 9. Explain distributed system, with block diagram.
- Or** Explain parallel processing system with an example.
- 10. Write a program in any high level language to find greatest number among two numbers.
- Or** Write an algorithm for average of five numbers and also draw flow chart of it's.
- 11. What should be a good characteristics of a good program? Write steps.
- Or** Write a program to calculate addition and multiplication of any two numbers.