

[This question paper contains 2 printed pages.]

914

Your Roll No. ....

B.A. Prog./I

A

(L)

COMPUTER APPLICATIONS

Paper CS-I

Computer Fundamentals and Software Packages

(Admissions of 2004 and onwards)

Time : 3 Hours

Maximum Marks : 45

(Write your Roll No. on the top immediately  
on receipt of this question paper.)

Attempt all questions.

1. (a) Differentiate between fourth and fifth generation of computers. (4)
  - (b) Perform the following conversions
    - (i)  $(169.75)_{10} \equiv (?)_{16}$
    - (ii)  $(111011.1101)_2 \equiv (?)_{10}$  (2)
  - (c) What do you understand by Ports? Explain its types. (3)
2. (a) What is ROM? Explain different types of ROM. (6)

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- (b) Differentiate between impact and non-impact printers. (3)
3. (a) What is a touch screen device ? Explain with their advantages and disadvantages and give one application where touch screen is most suitable as an input device. (4)
- (b) What is an operating system ? Explain any four types of operating systems. (5)
4. (a) Differentiate between preemptive and non-preemptive scheduling. (2)
- (b) Explain memory management using Paging technique. (2)
- (c) Explain various modes in which graphics may be presented while preparing multimedia application. (5)
5. (a) What do you understand by language translators ? Explain the different types of language translators. (4)
- (b) What do you understand by security policy ? What are its various components ? (5)