

**FACULTY OF SCIENCE****B.A./B.Com./B.Sc./BSW/BBA/BSc (Hons.) (CBCS) I - Semester Examination, December 2024****Subject : Fundamentals of Computer  
Paper – AECC-I****Time: 2 Hours****Max. Marks: 40****PART – A****Note : Answer any four questions.****(4x4=16 Marks)**

1. Discuss about Softcopy devices.
2. Write short notes on Classification of Computers.
3. Explain Memory Hierarchy.
4. Describe the classification of Computer Software.
5. Convert the following  $(110.101)_2 = ( ? )_{10}$
6. Write short notes on 3-variable K-map.

**PART – B****Note : Answer all the questions.****(2x12=24 Marks)**

7. a) Explain different types of Generation of Computers based on its processing speeds and its characteristics.

**OR**

- b) Define primary and Secondary Memory. Explain in detail.

8. a) (i) Explain Venn diagram with examples.  
(ii) Reduce the given function  $F(A, B, C, D) = \Sigma(1, 2, 3, 5, 8, 10, 11, 12)$  using Karnaugh map.

**OR**

- b) Explain in detail the design and implementation of correct, efficient and maintainable programs.

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