

Exam Code :1101
Sub. Code : 8008

2021
Bachelor of Education
First Semester
Paper P-1.1/1.2 (Opt III) : Pedagogy of Computer Science

Time allowed : 3 Hours

Max. Marks 40

Note : Attempt one question from each Unit I, II, III and IV. Each question carries 8 marks.
Unit V is compulsory. Each question of this Unit carries 2 marks.

Unit - I

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|-----|---|------|
| I. | What do you mean by Computer? What are its characteristics? | 4, 4 |
| II. | Differentiate between Hardware and Software. Define both the terms first. | 4, 4 |

Unit-II

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| III. | Explain the relationship of Computer with Mathematics and Physics. | 4, 4 |
| IV. | Define term Computer Science. Explain its characteristics. | 4, 4 |

Unit-III

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| V. | What are the aims of teaching computer science at secondary stage? | 8 |
| VI. | Explain Bloom's taxonomy of educational objectives. | 8 |

Unit-IV

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| VII. | What is Problem Solving? Explain its process. | 3, 5 |
| VIII. | Explain various small group strategies useful for students of Computer Science. | 8 |

Unit-V

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| IX. | Write short notes on the following: | |
| | a) Techniques of Computing | |
| | b) Advantages of ICT | |
| | c) Instructional Objectives | |
| | d) Computer Assisting Learning | 4x2=8 |