

97693

B.C.A. 6th Semester (Only Re-appear) Examination,

November-2023

ARTIFICIAL INTELLIGENCE

Paper-BCA-308

Time allowed : 3 hours] [Maximum marks : 80

Note : Attempt five questions in all, selecting one question from each unit. Q. No. 1 is compulsory.

1. Write short note on following : 16
- (i) Importance of AI
 - (ii) Knowledge
 - (iii) ROTE Learning
 - (iv) Expert System

Unit-I

2. Define AI and AI techniques in detail. 16
3. Explain the following : 16
- (i) Hill Climbing Algorithm
 - (ii) Problem Reduction Algorithm

Unit-II

4. Define knowledge representation, explain the various approaches used in knowledge representation. 16
5. Describe Predicate Logic in A.I. 16

Unit-III

6. Give a complete discription about Natural Language Processing. 16
7. Describe the following : 16
 - (i) Learing by Problem Solving
 - (ii) Explanation based Learning

Unit-IV

8. Explain in detail about Expert System. 16
9. Give a complete description about Export System Skills. 16