Bachelor of Computer Applications
Artificial Intelligence
BC-601

Roll No_____

Time Allowed: 03 Hrs   Max. Marks: 60

Note: Attempt all questions from section A and any four questions from section B.

Section-A

Q1. Briefly explain the term artificial intelligence.

Q2. List out various applications of AI?

Q3. What is state space search problem?

Q4. Briefly explain the term knowledge?

Q5. What do you mean by resolution?

Q6. What do you mean by semantic Nets?

Q7. List out various features of NLP?

Q8. Briefly explain syntactic processing.

Q9. What is the use of frame structure?

Q10. What do you mean by mapping?

                                                                 2*10=20

Section-B

Q1. What are various problems related to AI? Explain   10

Q2. What are various Problem and Production System characteristics? Discuss   10

Q3. What are various issues related to knowledge representation? Explain   10

Q4. How knowledge can be represented using predicate logic? Explain with suitable examples. 10

Q5. Discuss Strong Slots and Filler structures.   10

Q6. What do you mean by Semantic Analysis? Explain the use of Compositional Semantic Approach.

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