Department of Computer Science & Engineering, School of Studies of Engineering & Technology, Guru Ghasidas Vishwavidyalaya, Central University, Bilaspur, Chhattisgarh, India

End Semester Examination of 6th Semester CSE Session 2021-22[Set-1]

Subject:-ARTIFICIAL INTELLIGENCE   **Maximum Marks**:-70

Class:-B.TECH. 6TH SEM CSE   **Timing**:-2 HOURS

Note: - <u>Attempt any 14 Questions. All Questions carry 5 Marks</u>.

Question 1.	Give Introduction of Artificial Intelligence?
Question 2.	Make Comparison between Conventional and AI Computing?
Question 3.	Discuss Intelligent Agents?
Question 4.	Elaborate Search Methods i.e. Uninformed and Informed Search?
Question 5.	Discuss the Role of Knowledge Representation in AI?
Question 6.	Give the Categories of Knowledge Representation Scheme?
Question 7.	Discuss Semantic Nets?
Question 8.	Write Advantages and Disadvantages of Scripts?
Question 9.	Give Introduction of Expert System?
Question 10.	Make Comparison between Expert System and Software System?
Question 11.	Provide Life Cycle Development of Expert System?
Question 12.	Discuss DENDRAL?
Question 13.	Discuss the basic Arithmetical Functions in GNU CLISP?
Question 14.	Give the Predicates in GNU CLISP?
Question 15.	Elaborate Conditionals in GNU CLISP?
Question 16.	Elaborate Recursion and Iteration in GNU CLISP?
Question 17.	Define Term, Ground Term, Function, Predicate and Unit Clause?
Question 18.	Provide the Relational and Arithmetic Operators in SWI-Prolog?
Question 19.	Discuss List Manipulation in SWI-Prolog?