



**SECTION -C (30 Marks)**

Answer **ALL** questions  
ALL questions carry **EQUAL** Marks

(5 x 6 = 30)

11. a Analyze the implementation of problem-solving agents.  
OR  
b Enumerate the implementation of informed heuristic search strategies.
12. a Discuss the fundamental concepts of logical representation and reasoning.  
OR  
b Examine the syntax and semantics of first-order logic.
13. a Identify the broadening the applicability of decision trees.  
OR  
b Discover the single-layer feed-forward neural networks.
14. a Elucidate the finite-state automata for information extraction.  
OR  
b Assume the augmented grammars and semantic interpretation.
15. a Enumerate the robust methods of planning uncertain movements.  
OR  
b Determine the approach to path planning uses cell decomposition.

Z-Z-Z

END