St. Joseph's College of Engineering

St. Joseph's Institute of Technology

SUB CODE : CS6659

SUB. NAME : ARTIFICIAL INTELLIGENCE

ASSIGNMENT V

Part A

1. Define Expert systems.
2. What are the characteristics of Expert system?
3. What are the various types of Expert systems
4. What is a shell?
5. What is knowledge acquisition?
6. What is heuristic?
7. Describe how Expert systems perform inference
8. What are real time expert system

Part B
1. Elaborately explain the process of knowledge acquisition.
2. Draw the schematic diagram of an expert system. Explain all the relevant components.
3. Write short notes on:
   a. MYCIN and its applications
   b. DART and its applications
4. Write notes on:
   i) Expert system shell
   ii) Limitations of Expert systems