**EXPERT SYSTEM QUESTIONS**

1. List the four (4) basic steps to build and expert system
2. **Why a production system model was used to implement the first rule–based expert systems?**
3. **How does the Expert System arrive at a good solution quickly and efficiently?**
4. In the context of Expert Systems, describe what the term “knowledge acquisition” covers. Discuss the characteristics of Expert System
5. A knowledge base includes facts and rules. Explain the difference between the two.
6. In expert system, what is a Shell?
7. **Discuss some methods for representing uncertainty in rule-based expert systems?**
8. **The power of an ES is derived from the specific knowledge it possesses, not from the particular formulas and inference schemes it employs. Explain**
9. What is a knowledge elicitation?
10. Write down four (4) elicitation methods you know
11. **What is with the knowledge elicitation bottleneck and how might Case-Based Reasoning reduce the problems associated with the knowledge elicitation bottleneck?**
12. Describe the phases of designing an expert system? What term is used to call the whole process?
13. What are the requirement of phase I (one) in the process of building expert systems, mention at least four (4)
14. List two (2) type of multimedia compression you know
15. Name any four (4) major factors to be taken into account when considering what storage requirements are necessary for Multimedia Systems
16. Why is file or data compression necessary for Multimedia activities?