Total Pages : 2

47248

BT-7/M-24

EXPERT SYSTEMS

Paper–PE-CS-D 415-A

Time : Three Hours]   [Maximum Marks : 75

Note : Attempt *five* questions in all, selecting at least *one* question from each unit.

UNIT–I

1. (a) Define expert system and give a brief overview of its applications.   (7)

    (b) How is the knowledge represented using rules? Explain using suitable examples.   (8)

2. (a) What are the different components of Expert system? Discuss.   (7)

    (b) What are the types of problems handled by Expert Systems?   (8)

UNIT–II

3. What are the different stages in Expert system development? How is it different from conventional software development? Explain.   (15)

4. Write short note on :

    (i) System Building aids.

    (ii) Knowledge Engineering.   (15)

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UNIT-III

5. What are the different tools available for Expert system development? Explain. (15)

6. Explain the procedure of building an Expert System in detail. (15)

UNIT-IV

7. Write a brief note on the difficulties in Expert system development. (15)

8. Write a detailed note on common pitfalls in planning for expert system development. (15)

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