



Post Lab Questions:

Q1] What are the applications of expert systems?

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AI Expt 10 Postlab

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Ans: ① Medical Diagnosis - Expert systems are used in healthcare for diagnosing diseases, recommending treatments and interpreting medical images.

② Financial services - They assist in portfolio management, risk assessment, fraud detection and investment advice.

③ Customer support - Expert systems provide automated responses to customer inquiries, troubleshooting guidance and product recommendations.

④ Industrial Automation - They control manufacturing processes, predict equipment failure, and optimize production schedule.

⑤ Education and Training: Expert systems are used in e-learning platforms for personalized tutoring, course recommendation.

⑥ Natural Language Processing: They support language translation, speech recognition and text analysis applications.

⑦ Agriculture: Expert systems aid in crop management, pest control, soil analysis and irrigation scheduling.

⑧ Quality control: They help in monitoring product quality, identifying object and maintaining manufacturing standards.