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PostLab - 9.

Q.1) Applications of expert system?

→ i) **Medical diagnosis:** Expert systems can be used to analyze a patient's symptoms and medical history to suggest potential diagnosis. This can be a valuable tool for doctors, especially when dealing with complex cases.

2) **Financial planning:** Expert systems can help individuals and businesses make informed financial decisions. For example, they can be used to recommend investment strategies or assess loan eligibility.

3) **Machine troubleshooting:** Expert systems can be used to diagnose problems with machines and equipments. This can save time and money by helping technicians identify and fix problems quickly.

4) **Credit scoring:** Banks and other lenders use expert systems to assess the credit worthiness of borrowers. This helps them to make informed decisions about whether or not to approve loans.

5) **Scientific research:** Expert systems can be used to design experiments, analyze data, and generate hypothesis. This can be help scientists to make new discoveries more efficiently.