

Sai Ram. K.

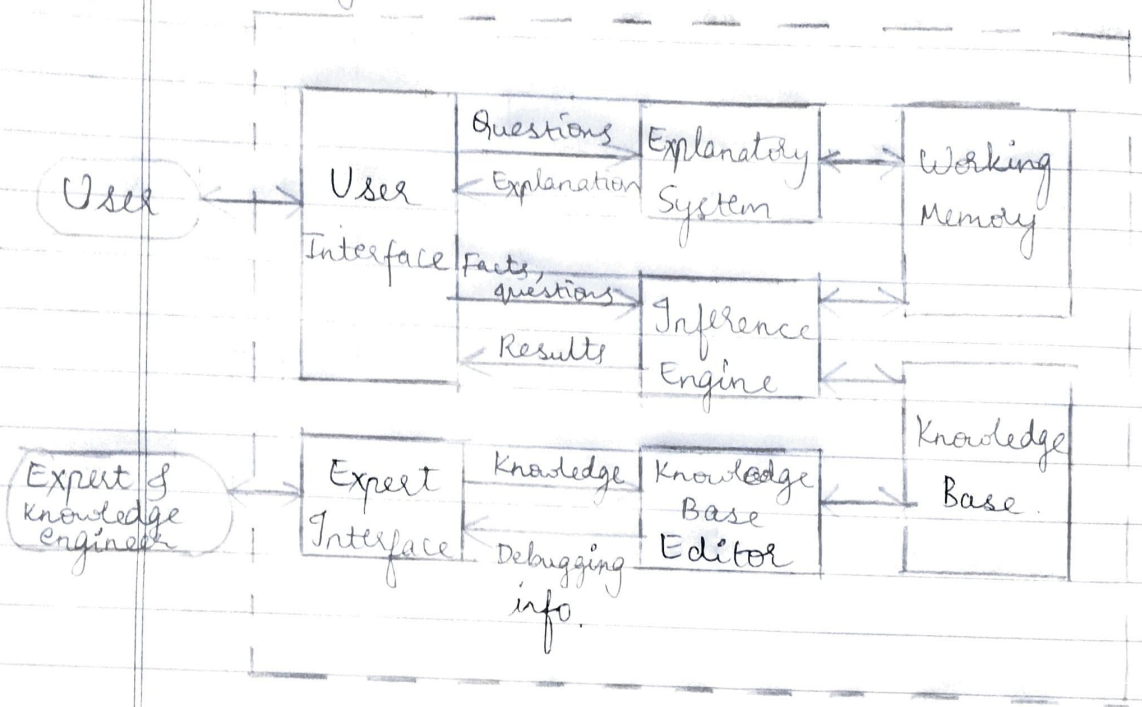
5 - CSE - 10

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Part - B

Q.3] Knowledge-Base Architecture:-



- The system holds general principles which can be applied to any problem are stored in Knowledge Base.
- The system also holds a collection of specific details that apply to the current problem held in the Working Memory.
- Both these sorts of information are processed by Inference Engine.
- Expert system:- It is a AI database which attempts to reason like a person by using logic to extract info from a set of information.

- Any practical expert system needs an explanatory facility. It is essential that an expert system should be able to explain its reasoning.
- It is not unreasonable to include an expert interface of a knowledge base editor. Since any KBS is going to need a mechanism for efficiently building & modifying the knowledge base.