Code: 06MC401

MCA IV Semester Supplementary Examinations September/October 2014

SOFTWARE ENGINEERING

(For students admitted in 2008 only)

Time: 3 hours Max Marks: 60

Answer any FIVE questions

All questions carry equal marks

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1 (a) Explain data mining as a step in the process of knowledge discovery.
(b) Differentiate operational database systems and data warehousing.

2 (a) Briefly discuss about data integration.
(b) Briefly discuss about data transformation.

3 Explain the syntax for the following data mining primitives:
(a) Task-relevant data.
(b) The kind of knowledge to be mined.
(c) Interestingness measures.
(d) Presentation and visualization of discovered patterns.

4 (a) Attribute-oriented induction generates one or a set of generalized descriptions. Explain how these descriptions can be visualized.
(b) Discuss about the methods of attribute relevance analysis.

5 (a) Which algorithm is an influential algorithm for mining frequent item sets for Boolean association rules? Explain.
(b) What are additional rule constraints to guide mining? Explain.

6 Discuss about back propagation classification.

7 (a) Discuss about binary, nominal, ordinal and ratio-scaled variables.
(b) Explain about grid-based methods.

8 (a) How to mine multimedia databases? Explain.
(b) Define web mining. What are the observations made in mining the web for effective resources and knowledge discovery?
(c) What is web usage mining?

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