

NOVEMBER/DECEMBER 2019

BCA43 — DECISION SUPPORT SYSTEM

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define – management.
2. Write Simon's four phases of decision making.
3. State the goal of DSS.
4. Define the term – artificial intelligence.
5. What is an intranet?
6. Define executive information support system.
7. Write the major elements of Interference Engine.
8. What is meant by Interference Tree?
9. Mention the categories of Basic Learning.
10. Give examples for Fuzzy Logic



SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Compare closed system with inventory system.

Or

- (b) Explain the benefits of models.

12. (a) Describe the modelling and analysis on DSS.

Or

- (b) Discuss on DSS development process.

13. (a) Write a short notes on E - Conferencing

Or

- (b) Give an overview on GDSS technological levels.

14. (a) Explain the procedure for Structured Interviews.

Or

- (b) Describe on the process of uncertainty in AI.

15. (a) Summarize on Back Propagation.

Or

- (b) Discuss the advantages of Neural Networks.

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SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe the Decision-Making process in detail.

17. Write a detailed note on Data Warehousing concept.

18. Discuss on Groupware applications and development tools.

19. Explain the Forward and Backward Chaining concept in detail.

20. Give an overview on Fuzzy Logic concept.



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