

BBA 6th Semester (Honours) Examinations, 2021

Subject: Decision Support System

Paper: SM-6.2

Time: 3 Hours

Full Marks: 80

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Group - A

Answer any six questions.

5×6=30

1. Define Decision Support System (DSS). Differentiate Decision Support System (DSS) from Management Information System (MIS).
2. Draw a well-ordered diagram to demonstrate the conceptual model of a DSS.
3. List out the advantages of DSS, being constructed on-line with the computer.
4. Prepare a write-up on the major functions of DSS applications.
5. Explain the Simon's model of decision-making process.
6. What is group decision support system (GDSS)? Explain the architecture of a GDSS.
7. What is meant by normalisation in databases? State the characteristics of a normalized data.
8. List out the activities of Dialogue Management Subsystem of a DSS.

Group -B

Answer any five questions.

10×5=50

9. What are the major subsystems in a typical DSS? Explain each subsystem with suitable example.
10. Briefly deliberate on the different types of behavioural models used for decision support system.
11. (a) What do you understand by Model Base Management System (MBMS)?
(b) List out the benefits of modelling a problem.
12. Briefly describe the various user interface styles.
13. (a) What is 'Artificial Intelligence (AI)'? Explain the knowledge pyramid.
(b) List out the differences between conventional application programs and AI programs.
14. What are Expert Systems? Concisely narrate the features of an Expert System.
15. Write short notes on any two:
 - (a) DSS generators
 - (b) Decision Table
 - (c) Network database model
 - (d) DSS and web connection