

8303

M.B.A. IIIrd SEMESTER EXAMINATION, 2019

Paper -III

Decision Support Systems and Management Information System

Time: Three Hours

Maximum Marks: 80

PART – A (खण्ड – अ)

[Marks: 20]

Answer all questions (50 words each).

All questions carry equal marks.

सभी प्रश्न अनिवार्य हैं। प्रत्येक प्रश्न का उत्तर 50 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

PART – B (खण्ड – ब)

[Marks: 40]

Answer five questions (250 words each).

Selecting one from each unit. All questions carry equal marks.

प्रत्येक इकाई से एक-एक प्रश्न चुनते हुए, कुल पाँच प्रश्न कीजिए।

प्रत्येक प्रश्न का उत्तर 250 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

PART – C (खण्ड – स)

[Marks: 20]

Answer any two questions (300 words each).

All questions carry equal marks.

कोई दो प्रश्न कीजिए। प्रत्येक प्रश्न का उत्तर 300 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

PART – A

Q.1 Attempt following questions -

- (i) What is MIS? List out characteristics. [2]
- (ii) What is SDLC? What are the various phases? [2]
- (iii) Discuss components of CBIS. [2]
- (iv) Define Information System and its types. [2]
- (v) List out disadvantages of file processing system over DBMS. [2]
- (vi) Write a note on any one data model. [2]
- (vii) Define any five components of User Interface. [2]
- (viii) What do you understand by DSS & GDSS? [2]
- (ix) List out functions of Marketing Information System. [2]
- (x) Define ERP and its role in management. [2]

PART – B

UNIT -I

- Q.2 (a) Compare between Process Oriented & Data Oriented system development approaches. [5]
- (b) Draw a diagram for System Development Cycle. [3]

OR

- Q.3 What is Prototyping? Explain prototype methodology along with criteria while we use this approach. [8]

UNIT -II

- Q.4 Elucidate definition & application of any five major Information System. [8]

OR

- Q.5 What are the functions of MIS? Also discuss role of system analyst to Information System development. [8]

UNIT –III

- Q.6 (a) What is E-R model? Define various components of E-R diagram. [5]
(b) What is data mining? How data mining is related with DBMS? [3]

OR

- Q.7 What is Decision Making Process? Discuss the Simon's model in context of MIS. [8]

UNIT –IV

- Q.8 (a) Elucidate Decision Support system with its applications & classifications. [5]
(b) What is form in UI? What criteria should be maintained during form design? [3]

OR

- Q.9 Discuss decision support system on the following points –

- (a) Relevance [2]
(b) Scope [2]
(c) Characteristics & Capabilities [2]
(d) Components [2]

UNIT –V

- Q.10 (a) What are the steps in Business Process Reengineering? [5]
(b) Define the objectives of BPR model. [3]

OR

- Q.11 Write down functions of the following systems – [8]

- (a) Production Information System (PIS)
(b) Finance Information System (FIS)
(c) Human Resource Information System (HRIS)

PART – C

Q.12 Describe various stages of system development also compare different approaches of system development process. [10]

Q.13 Write short notes on the following – [2½×4]

- (a) Data Driven DSS
- (b) Model Driven DSS
- (c) Communication Driven DSS
- (d) Document Driven DSS

Q.14 (a) Explain with example the steps of designing DSS. [6]

(b) Discuss tools which supports in DSS for Decision Making. [4]

Q.15 Write short notes on the following –

- (a) Relational Database Management System [3]
- (b) Knowledge Management System [3]
- (c) Data File Environment in DBMS [4]

Q.16 (a) List out advantages & disadvantages of ERP. [5]

(b) Inventory Information System's features and applications. [5]
