D 30030 (Pages : 3) Name..

Reg. No....................................

FIFTH SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022

B.Com.

BCM 5B 11—COMPUTER APPLICATION SPECIALIZATION—II—BUSINESS INFORMATION SYSTEMS

(2017—2018 Admissions)

Time : Three Hours Maximum : 80 Marks

Part A

Answer **all** *questions.*
Each question carries 1 *mark.*

I. Choose the correct answer from the options given below :

1 A collection of interrelated records is called :

    a) Text File.   b) Database.

    c) Spreadsheet.   d) Management Information System.

2 MIS normally found in ———— sector.

    a) Service.   b) Education.

    c) Manufacturing.   d) Marketing.

3 ERP Package will handle ———— business functionalities.

    a) One.   b) Two.

    c) Three.   d) All.

4 Which of the following is not related with OODBMS ?

    a) Object Structure.   b) Object classes.

    c) Object identity.   d) ORDMBS.

5 The ———— should plan well and execute perfectly the implementation of ERP.

    a) Organisation.   b) Vendors.

    c) Top Management.   d) System developers.

Turn over

II. Fill in the blanks :

6 Business Process Re-engineering is also known as ————.

7 The first expert system was created in the year ————.

8 Rollback in a database is a ———— statement.

9 OLAP stands for ————.

10 The oldest model of DBMS is ———— model.

(10 × 1 = 10 marks)

Part B

Answer any **eight** *questions.*
Each question carries 2 *marks.*

11 What is meant by object relational model of DBMS ?

12 Define DSS.

13 What does ERP Software mean ?

14 What is network model of database ?

15 What is transaction processing system ?

16 Write any two merits of business process re-engineering.

17 What are the functions of DBMS ?

18 What is DDL ?

19 What are the basic components of a communication system ?

20 What do you understand by executive information system ?

(8 × 2 = 16 marks)

Part C

Answer any **six** *questions.*
Each question carries 4 *marks.*

21 State the essentials of an information.

22 What are the features of a database ?

23 Write a note on management reporting system.

24 Explain the modules available in ERP.

25 Explain the areas where DMBS are applied.

26 Describe the objectives of business process re-engineering.

27 Write up the benefits of DSS.

28 Explain the process of converting data into information.

(6 × 4 = 24 marks)

Part D

Answer any **two** *questions.*
Each question carries 15 *marks.*

29 Discuss the issues and challenges associated with ERP implementation.

30 Define MIS. Explain about the basic subsystem of MIS.

31 Explain the role of ICT in business.

(2 × 15 = 30 marks)

D 10033 (Pages : 3) Name...

Reg. No.....................................

FIFTH SEMESTER U.G. DEGREE EXAMINATION, NOVEMBER 2021

(CUCBCSS—UG)

B.Com.

BCM 5B 11—COMPUTER APPLICATION SPECIALIZATION—II—BUSINESS INFORMATION SYSTEMS

(2017 Admissions)

Time : Three Hours   Maximum : 80 Marks

Part A

Answer **all** *questions.*
Each question carries 1 *mark.*

I. Fill in the blanks :

1   Candidate Key is otherwise called ————————.

2   ———————— is based on the idea of "Decide-Act-Review".

3   ———————— are designed to solve complex problems by reasoning through bodies of knowledge.

4   ———————— is an important factor of a management information system.

5   ———————— is a set of operations associated with table.

II. Choose the correct answer from the options given below :

6   Which is not a component of ERP ?

   a) Legacy Systems.   b) Bolt on applications.

   c) Operational database.   d) Cyber soft.

7   The Management Information System receives input from the ————————.

   a) SSL.   b) GPS.

   c) TPS.   d) LMS.

8   The model for a ———————— resembles the hierarchical model in many respects.

   a) Network database.   b) Relational database.

   c) Distributed database.   d) Hierarchical database.   **Turn over**

9 Seven step INSPIRE framework for Business Process Re-engineering is developed by :

    a) Guha.   b) Bhudeb Chakravarti.

    c) Crystler.   d) Nolan.

10 Which of the following is not the component of Object Oriented DBMS ?

    a) Object structure.   b) Object classes.

    c) Object identity.   d) Object Clause.

$(10 \times 1 = 10 \text{ marks})$

Part B

Answer any **eight** *questions.*
Each question carries 2 *marks.*

11 What is meant by logical data independence ?

12 What is ICT ?

13 What are the merits of relational model database ?

14 What do you understand by management reporting system ?

15 What is data redundancy ?

16 Define MIS.

17 What is hierarchical model database ?

18 Write any *two* limitations of DSS.

19 What are the objectives of Business Process Re-engineering ?

20 What is Information ?

$(8 \times 2 = 16 \text{ marks})$

Part C

Answer any **six** *questions.*
Each question carries 4 *marks.*

21 Explain the components of an expert system.

22 Explain the functions of DBMS.

23 Differentiate between MIS and DSS.

24 Explain who are the parties associated with a database.

25 Why do we need Business Process Re-engineering ?

26 Explain the different types of information.

27 What are the essentials of TRP ?

28 Explain the problems and limitations of ERP.

(6 × 4 = 24 marks)

Part D

Answer any **two** *questions.*
Each question carries 15 *marks.*

29 Explain the features of MIS.

30 Discuss the phases of ERP implementation.

31 Illustrate the problems and issues associated with Business Process Re-engineering.

(2 × 15 = 30 marks)

D 90010

(Pages : 3)

FIFTH SEMESTER B.Com./B.B.A. DEGREE EXAMINATION NOVEMBER 2020

(CUCBCSS—UG)

B.Com.

BCM 5B 11—COMPUTER APPLICATION SPECIALIZATION–II–BUSINESS INFORMATION SYSTEMS

(2014 Admission onwards)

Time : Three Hours
Maximum : 80 Marks

Part A

Answer all questions.
Each question carries 1 mark.

A. Fill in the blanks :

1 In Excel each work book will consists of ————— work sheets by default.

2 ————— means "data about data".

3 Data storage in MS access is as —————.

4 Overall design of database is called —————.

5 EDP stands for —————.

B. Multiple Choices :

6 Which of the following is/are components of DBMS —————.

a) DML.
b) DDL.
c) Data dictionary.
d) All of these.

7 An interface computer based system which supports managers in making instructed decisions is —————.

a) MIS.
b) ES.
c) DSS.
d) EPS.

8 Processed data is called —————.

a) Field.
b) Information.
c) Record.
d) File.

Turn over

9 Enterprise systems support :

    a) Manufacturing processes.   b) Financial and accounting processes.

    c) Human resource processes.   d) All of the above.

10 In Ms Excel, Which function calculates the largest value in a set of numbers ?

    a) Average.   b) Count.

    c) Minimum.   d) Maximum.

$(10 \times 1 = 10 \text{ marks})$

Part B

*Answer any **eight** questions.*
Each question carries 2 marks.

11 What is MIS ?

12 What is DBMS ?

13 What is a shareware ?

14 What do you mean by data ?

15 What is TPS ?

16 What is a firewall ?

17 What do you mean by EIS ?

18 What is an operating system ?

19 What is data redundancy ?

20 What is known as non-impact printer ?

$(8 \times 2 = 16 \text{ marks})$

Part C

*Answer any **six** questions.*
Each question carries 4 marks.

21 What is utility software ?

22 Explain Cache memory.

23 What is DBMS ? What are its functions ?

24 Explain briefly the rational model of decision-making.

25 What are the applications of computer network ?

26 What is information ? How do we evaluate the quality of information ?

27 Explain the Transaction Processing Cycle.

28 Distinguish between object-oriented model from object relational model of DBMS.

(6 × 4 = 24 marks)

Part D

Answer any two questions.
Each question carries 15 marks.

29 What is meant by Quality of Information ? What factors affect the quality of information ?

30 What is DBMS ? Write an essay on the components of DBMS.

31 What is ERP ? How does it help an organisation in achieving its objectives ?

(2 × 15 = 30 marks)

FIFTH SEMESTER B.Com. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS—UG)

B.Com.

BCM 5B 11—COMPUTER APPLICATIONS SPECIALIZATION—II BUSINESS INFORMATION SYSTEMS

(2017 Admissions)

Time : Three Hours   Maximum : 80 Marks

Part A

Answer **all** *the questions.*
Each question carries 1 mark.

A. Fill in the Blanks :

1 ————— is a person who is responsible for defining, updating and controlling access to database.

2 RDBMS means —————.

3 DSS software packages are also called —————.

4 Tactical infarmation is used by ————— level of management.

5 Modern management functions are information oriented, popularly known as —————.

B. Multiple Choice :

6 Which of the following make an attempt to integrate all departments and functions across a company into a single computer system that can serve all those different departments' particular needs ?

     (a) DSS.   (b) TPS.

     (c) TQM.   (d) ERP.

7 Which tool is used for arranging and storing data in the database ?

     (a) Data dictionary.   (b) Data file.

     (c) System integration.   (d) None of these.

8 Which database model is used to store data from a variety of media sources and produce output in multimedia format ?

     (a) Document driven model.   (b) Hierarchical model.

     (c) Object oriented model.   (d) Network model.

Turn over

9 OLAP stands for :

    (a) Online Analysis Project.   (b) Over Line Agreement Program.

    (c) Online Analytical Processing.   (d) None of the above.

10 Which of the following dimensions are useful in measuring quality of information ?

    (a) Satisfaction.   (b) Utility.

    (c) Error.   (d) All of the above.

(10 × 1 = 10 marks)

Part B

*Answer any **eight** questions.*
Each question carries 2 marks.

11 Define MIS.

12 What do you mean by TPS ?

13 What is Database ?

14 Mention the components of MIS.

15 Explain Data driven DSS.

16 What is Expert system ?

17 Define BPR.

18 Explain DML.

19 State the components of Group Decision Support System.

20 What do you mean by extended ERPs ?

(8 × 2 = 16 marks)

Part C

*Answer any **six** questions.*
Each question carries 4 marks.

21 Explain the benefits of Decision support system.

22 What are the advantages of Database ?

23 Explain the steps in Information Processing.

24 Describe the functions of DDL.

25 What are the important features of logical data model ?

26 Explain the pre-requisites of TPS.

27 What are the benefits of Enterprise resource planning ?

28 State the important functions of DBMS.

                                              $(6 \times 4 = 24$ marks$)$

Part D

*Answer any **two** questions.*
Each question carries 15 marks.

29 Write an essay on process of BPR.

30 Briefly explain the components of Database Management System.

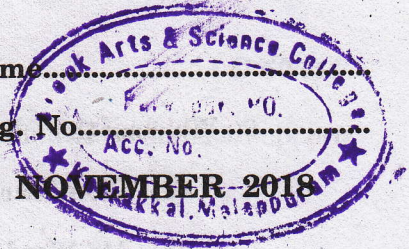31 Discuss the issues and challenges in the implementation of ERP.

                                              $(2 \times 15 = 30$ marks$)$

D 50554 (Pages : 3) Name..................................

Reg. No.................................

FIFTH SEMESTER B.Com. DEGREE EXAMINATION, NOVEMBER 2018

(CUCBCSS—UG)

BCM 5B 11—COMPUTER APPLICATION SPECIALIZATION—II—BUSINESS INFORMATION SYSTEMS

Time : Three Hours   Maximum : 80 Marks

Part A

*Answer **all** questions.*
Each question carries 1 mark.

(A) Fill in the blanks :

1 MS access is a ————— application.

2 ————— is a collection of logically related records and file.

3 ————— is most basic element of data.

4 An interface computer based system which supports managers in making instructed decisions is —————.

5 Processed data is called —————.

(B) Multiple choice :

6 In DBMS————— is a field or combination of fields that uniquely identify each record in a table.

    (a) Referential integrity.   (b) Primary key.

    (c) Relation.   (d) Tuple.

7 Summary transaction data, high-volume data, and simple models are information inputs characteristic of a (n) :

    (a) DSS.   (b) MIS.

    (c) ESS.   (d) TPS.

8 A group of related records constitutes a —————.

    (a) Database.   (b) File.

    (c) Information.   (d) Field.

Turn over

9 Which of the following is not an example of word processor ?

   (a) WordStar.

   (b) Soft word.

   (c) MS Word.

   (d) MS Office.

10 A set of pre-recorded instructions executed by a computer is called the ————.

   (a) Action.

   (b) Hardware.

   (c) Software.

   (d) Programs.

(10 × 1 = 10 marks)

Part B

*Answer any **eight** questions.*
Each question carries 2 marks.

11 What is DSS ?

12 What is ERP ?

13 What is a cripple ware ?

14 What do you mean by Metadata ?

15 What is a hardware ?

16 What is meant by application software ?

17 What is a database ?

18 What is an expert system ?

19 What is VLSI ?

20 What is E-Commerce ?

(8 × 2 = 16 marks)

Part C

*Answer any **six** questions.*
Each question carries 4 marks.

21 What are the benefits of information technology for a business ?

22 Explain the concept of data warehousing.

23 What is meant by DBMS ? What are the limitations of database management ?

24 What is decision support system ? Explain the characteristics and capabilities of decision support system.

25 Explain the types of softwares available on computers.

26 Write a brief report on the history of Information Technology.

27 Differentiate between Hierarchial model from Network model of data base management systems.

28 What is MIS ? What are its functions ?

(6 × 4 = 24 marks)

Part D

Answer any **two** *questions.*
Each question carries 15 marks.

29 Information Systems are an essential part of an organisation. Explain the statement citing the pros and cons of information systems.

30 What is a software ? Explain the various types of software useful for business.

31 What is ERP ? Describe in detail its advantages and disadvantages.

(2 × 15 = 30 marks)

FIFTH SEMESTER B.Com. DEGREE EXAMINATION, NOVEMBER 2017

(CUCBCSS—UG)

BCM 5B 11—BUSINESS INFORMATION SYSTEMS

Time : Three Hours   Maximum : 80 Marks

Part A

Answer **all** *the questions.*
Each question carries 1 mark.

A. Fill in the Blanks :

1 E Commerce transactions between business and customers is called ————.

2 A decision point that can be answered in one of only two ways : namely Yes or No is called ————.

3 The process of translating an algorithm into a programming language is called ————.

4 Anyone who unlawfully breaks into a computer system is called ————.

5 The expansion form of HTTP is called ————.

B. Multiple Choice :

6 Data that has been organized or presented in a meaningful fashion is called ————.

    (a) Knowledge.   (b) Information.

    (c) Research.   (d) Theory.

7 A hardware device used to enter typed data and commands into a computer is called ————.

    (a) Pendrive.   (b) CD.

    (c) Keyboard.   (d) None of these.

8 The expansion form of LCD :

    (a) Lipid Crystal Display.   (b) Liquid Crystal Detection.

    (c) Liquid Carbonate Display.   (d) Liquid Crystal Display.

9 A chip that contains a central processing unit is called ————.

    (a) Microprocessor.   (b) Micro Control.

    (c) Macro processor.   (d) Miko Processor.

Turn over

10 The expansion form of OQL :

    (a) Objection Query Language.   (b) Object Query Language.

    (c) Object Query Lingo.   (d) None of the above.

                                            (10 × 1 = 10 marks)

Part B

Answer any **eight** *questions.*
Each question carries 2 marks.

11 What is Artificial Intelligence ?

12 What is DSS ?

13 What is Information Analysis ?

14 What is ALU ?

15 What is Public Domain Software ?

16 What is Crippleware ?

17 What is Spreadsheets ?

18 What is Inter Organisational Information Systems ?

19 What is Technological obsolescence ?

20 What is MMS ?

                                            (8 × 2 = 16 marks)

Part C

Answer any **six** *questions.*
Each question carries 4 marks.

21 Trace the history of Information Technology.

22 Briefly explain the functions of MIS.

23 Explain the types of softwares available on computers.

24 Briefly explain the uses of Spreadsheets.

25 Briefly explain the structure of DSS.

26 Why information is said to be a competitive weapon ?

27 What are the uses of IT in business ?

28 Briefly explain the concept of Technological innovation.

                                            (6 × 4 = 24 marks)

Part D

*Answer any **two** questions.*
Each question carries 15 marks.

29 Explain briefly the benefits of ERP system.

30 Briefly explain the advantages and disadvantages in office automation.

31 Briefly explain the IT support at different organizational level of a company.

(2 × 15 = 30 marks)