

THREE YEAR B.Com. DEGREE (CBCS) EXAMINATION, JUNE/JULY 2023

FOURTH SEMESTER

Computer Applications

OBJECT ORIENTED PROGRAMMING WITH JAVA

(w.e.f 2020-2021 Admitted Batch)

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

1. What are the features of object oriented programming?
2. Define Array.
3. What is constructor?
4. What is package?
5. What is exception handling?
6. What are the features of Java?
7. Define Break Statement.
8. What is Thread Priority?

SECTION B — (5 × 10 = 50 marks)

Answer FIVE questions.

9. (a) Explain structure of Java program.  
Or  
(b) Explain various operators present in Java.
10. (a) Discuss about Switch statement.  
Or  
(b) What is Loop? Explain different types of Loops in Java.

2 RS 44014 C

8/7/23

THREE YEAR B.Com. DEGREE (CBCS) EXAMINATION, JUNE/JULY 2023.

FOURTH SEMESTER

Computer Applications

OBJECT ORIENTED PROGRAMMING WITH JAVA

(w.e.f 2020-2021 Admitted Batch)

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

1. What are the features of object oriented programming?
2. Define Array.
3. What is constructor?
4. What is package?
5. What is exception handling?
6. What are the features of Java?
7. Define Break Statement.
8. What is Thread Priority?

SECTION B — (5 × 10 = 50 marks)

Answer FIVE questions.

9. (a) Explain structure of Java program.  
Or  
(b) Explain various operators present in Java.
10. (a) Discuss about Switch statement.  
Or  
(b) What is Loop? Explain different types of Loops in Java.



11. (a) What are the objects? How are they created from a class?

Or

(b) What is Inheritance? Describe different forms of inheritance.

12. (a) How to import packages?

Or

(b) Write short note on file input stream and output stream.

13. (a) What is a thread? How to create a thread?

Or

(b) What do you mean by exception? How to handle exceptions in Java?

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2 RS 44014-C

9/5/2024 - FA

THREE YEAR B.Com (Comm) (CBCS) DEGREE EXAMINATION, APRIL/MAY 2024

FOURTH SEMESTER

Course (B) : OBJECT ORIENTED PROGRAMMING WITH JAVA

(w.o.f. 2020 - 21 Admitted Batch)

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

SECTION A -- (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

Each question carries 5 marks.

క్రింది వాటిలో ఏదేని ఐదు ప్రశ్నలకు సమాధానములు వ్రాయుము.

ప్రతి ప్రశ్నకు 5 మార్కులు.

1. Explain about Java Virtual Machine.  
Java Virtual Machine గురించి వివరించండి.
2. Explain the parts of Java program.  
జావా ప్రోగ్రామ్ విభాగాలను వివరించండి.
3. Explain about Command Line Arguments.  
Command Line Arguments గురించి వివరించండి.
4. What are the differences between break and continue statements?  
Break మరియు continue statements మధ్య గల తేడాను వివరింపుము.
5. Write short notes on Abstract methods.  
Abstract methods గురించి క్లుప్తంగా వ్రాయుము.
6. What is meant by Method Overloading?  
Method Overloading గురించి వ్రాయుము.
7. What is an Error? Explain about types of Errors.  
Error అనగానేమి? వివిధ రకాల Error గురించి వివరించుము.
8. What is Package?  
Package అనగానేమి?

SECTION B — (5 × 10 = 50 marks)

Answer ALL questions.

Each question carries 10 marks.

అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము.

ప్రతి ప్రశ్నకు 10 మార్కులు.

9. (a) Explain features of Java programming Language.  
Java programming Language లక్షణాలను వివరించండి.

Or

- (b) Explain in detail about operators in Java.  
Java లోని operators గురించి విపులంగా వివరించుము.

10. (a) Explain various Looping statements in Java.  
Java లోని వివిధ Looping statements గురించి వివరించుము.

Or

- (b) Define array. Explain different types of arrays.  
Array ను నిర్వచించండి. వివిధ రకాల array లను వివరించండి.

11. (a) What is Constructor? Explain different types of Constructors with an example.  
Constructor అనగానేమి? వివిధ రకాలైన Constructors గురించి ఉదాహరణతో వివరించుము.

Or

- (b) Define Abstract Class with suitable example.  
సరిపోయే ఉదాహరణతో Abstract Class ను వివరించండి.

12. (a) Define Package. Discuss various packages available in Java.  
ప్యాకేజీని నిర్వచించండి. జావాలో అందుబాటులో ఉన్న వివిధ ప్యాకేజీలను వివరించండి.

Or

- (b) Write about FileInputStream and FileOutputStream.  
FileInputStream మరియు FileOutputStream గురించి వ్రాయండి.

13. (a) Explain Exception handling with an example program.  
ఒక ఉదాహరణతో ఎక్స్‌సెప్షన్ హ్యాండిల్లింగ్‌ను వివరించండి.

Or

- (b) What is thread in java? Explain uses of threads in Java.  
జావాలో థ్రెడ్ అంటే ఏమిటి? జావాలో థ్రెడ్ల ఉపయోగాలను వివరించండి.

2 RS 44014-C

2 RS 44015-C

4/5/2024 - FN

THREE YEAR B.Com. (Comp) (CBCS) DEGREE EXAMINATION, APRIL/MAY 2024.

FOURTH SEMESTER

DATABASE MANAGEMENT SYSTEM

(w.e.f. 2020-21 Admitted Batch)

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

Each question carries 5 marks.

ఏవైనా ఐదు ప్రశ్నలకు సమాధానములు వ్రాయుము.

ప్రతి ప్రశ్నకు 5 మార్కులు.

1. Explain about data and information.  
Data మరియు Information గురించి వివరించండి.
2. Explain the drawbacks of File Based System.  
ఫైల్ ఆధారిత వ్యవస్థలో నిబంధనలను వివరించండి.
3. Write the difference between File based system and DBMS.  
File based system మరియు DBMS తేడాలు తెలపండి.
4. Write about classification of Entity Set.  
Classification of Entity Set గురించి రాయండి.
5. What is E-R Model?  
E-R మోడల్ అనగానేమి?
6. Write about any three DML commands with examples.  
ఉదాహరణలతో ఏవైనా మూడు DML commands వ్రాయండి.
7. What are the different datatypes in PL/SQL?  
PL/SQL లోని వివిధ datatypes తెలపండి?
8. What are the different operators in PL/SQL?  
PL/SQL లోని వివిధ Operators తెలపండి?



SECTION B — (5 × 10 = 50 marks)

Answer ALL questions.

Each question carries 10 marks.

అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము.

ప్రతి ప్రశ్నకు 10 మార్కులు.

9. (a) Define Database. Write the objectives of DBMS.

Database నిర్వచించి, దాని లక్ష్యాలు తెలుపండి.

Or

(b) Write in detail about the evolution of DBMS.

DBMS పరిణామం వివరముగా తెలుపండి.

10. (a) Write a detailed note on data models.

డేటా మోడల్స్ గురించి వివరమైన వ్యాఖ్యానం రాయండి.

Or

(b) Explain about the components of DBMS.

DBMS లోని భాగాలు గురించి వివరముగా తెలుపండి.

11. (a) What are the CODD's rules?

CODD's rules వివరముగా తెలుపండి.

Or

(b) Explain Generalization, Specialization and Aggregation.

Generalization, Specialization మరియు Aggregation వివరించండి.

12. (a) Write the DDL commands with syntax and give examples.

DDL commands వాక్య నిర్మాణంతోపాటు ఉదాహరణలు ఇవ్వండి.

Or

(b) Briefly explain aggregate functions in SQL.

SQL లో aggregate ఫంక్షన్లను సారంగా వివరించండి.

13. (a) Explain the structure of PL/SQL program.

PL/SQL program యొక్క నిర్మాణం వివరముగా తెలుపండి.

Or

(b) What are the Control Structures in DBMS? Explain with examples.

DBMS లోని Control Structures ఉదాహరణలతో తెలుపండి.

RS 51017 C

THREE YEAR B.A./B.Com./B.Sc. (CBCSS) HONS DEGREE EXAMINATION, JUNE/JULY 2013

FIFTH SEMESTER

Computer Applications for Arts / Commerce

Paper 7C) REAL TIME GOVERNANCE SYSTEM (RTGS)

(Skill Enhancement Course – Elective) Course)

(w.e.f 2015 – 16 Admitted Batch)

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

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SECTION A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

1. Write on importance of RTGS.
2. Define Good Governance.
3. What is the Data Systems? If so explain
4. What do you understand by Knowledge Management Systems? Explain briefly.
5. E- Governance in US. Write on it.
6. E- Governance in India. Write on it.
7. E-Pramaan and G1 – Cloud
8. National Agriculture Market (e-NAM)
9. Explain data Warehouse
10. Write on Trade and Commerce.

SECTION B (5 × 10 = 50 marks)

Answer any FIVE questions.

11. Explain the Electronic Governance, objectives, components.

Or

12. What is E-Governance opportunities and challenges?

13. Explain the Data systems and executive management systems.

Or

14. Write about Legal infrastructural preparedness and IT Act 2000.

15. Explain the E — Governance country experience of UK.

Or

16. Explain the E — Governance country experience of DUBAI.

17. Discuss about the case study E — Governance in India of Andhra Pradesh and Kerala.

Or

18. Discuss about the case study E — Governance in India of Karnataka and Maharashtra.

19. Write about the latest application in Real time Governance in Agriculture Sectors?

Or

20. Write about the latest application in Real time Governance in Rural development Sectors?

2 RS 51016 C

8/7/23

THREE YEAR B.A./B.Com. (Hons) (CBCS) DEGREE EXAMINATION, JUNE/JULY 2023.

FIFTH SEMESTER

Computer Applications for Arts/Commerce

Course-6C: E-COMMERCE APPLICATION DEVELOPMENT

(w.e.from 2020-21 admitted batch)

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

1. Discuss about Scope of E-Commerce.
2. What are the challenges of E-Commerce?
3. Explain about B2B with Example.
4. What are Different E-Commerce Business Models?
5. Discuss about Electronic Funds Transfer.
6. Write Short Notes on EDI Agreements.
7. What is Java Script? And Features of Java Script?
8. Explain about Constants PHP.
9. What are the Advantages and Disadvantages of Word Press?
10. Adding Categories.

PART B — (5 × 10 = 50 marks)

Answer FIVE questions.

11. Discuss about EDI.

Or

12. Discuss about E-Business.
13. Discuss about Architectural framework of Electronic Commerce.

Or

14. Briefly Explain Internet Commerce.



15. Discuss about Methods of E-Commerce Payment System (EPS).

Or

16. Briefly explain Digital Economy.

17. Discuss about HTML Tables?

Or

18. Define variable? Discuss about variable in PHP.

19. Discuss about Tags in Word Press.

Or

20. Discuss about creating Hyper link.

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30/6/23

LSC204

THREE YEAR B.A./B.Sc./B.Com./BBA. (CBCS) DEGREE EXAMINATION, JUNE/JULY 2023.

SECOND SEMESTER

Part III - Life Skills Courses - 4

INFORMATION AND COMMUNICATION TECHNOLOGY

Time : Two hours

Maximum : 50 marks

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SECTION A — (4 × 5 = 20 marks)

Answer any FOUR of the following questions.

1. Define Internet and its applications.
2. What is Search Engine? How it is useful.
3. How to Send and Receives information in E-mail.
4. Define Internet Services.
5. Write a note on Web Browser.
6. Define Antivirus Software.
7. Write a note on Digital Signatures.
8. Write a note on Firewalls.

SECTION B — (3 × 10 = 30 marks)

(Answer any THREE of the following questions)

9. Explain the Advantages and Disadvantages of Internet.
  10. What is Social Networking? Explain it.
  11. What is Google Spread Sheet? How it is useful.
  12. Write the steps involved in the creation of E-mail ID.
  13. Explain the advantages and Disadvantages of Antivirus.
  14. Write about National Digital Library of India.
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RS 905

THREE YEAR B.A./B.Sc./B.Com./B.B.A. (CBCS) DEGREE EXAMINATION, FEBRUARY 2023.

THIRD SEMESTER

Part III - Foundation Course 5 (ICT-2)

INFORMATION AND COMMUNICATION TECHNOLOGY - 2

(2015-16 to 2019-20 Admitted Batches)

Time : Two hours

Maximum : 50 marks

(No additional sheet will be supplied)

PART A -- (5 × 2 = 10 marks)

Answer any FIVE questions.

1. What is data?
2. What is a network?
3. What is a web site?
4. What is a web browser?
5. What is a password?
6. What is e-mail?
7. What is WWW?
8. What is search engine?
9. What is HTML?
10. What is a Tag?

PART B — (5 × 8 = 40 marks)

Answer ALL questions.

11. Write any five uses of internet.
- Or
12. Write about computer viruses.
  13. Explain any five features of Internet browser.
- Or
14. Explain WhatsApp and its uses.



15. Write the advantages of e-mail.

Or

16. Explain domain names and mail management.

17. Explain URL and its components.

Or

18. Write about any five features of google search engine.

19. Explain any five HTML tags and their uses.

Or

20. Write the structure of a HTML document.

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12/7/23

2 RS 24006 C

THREE YEAR B.Com. (CBCS) DEGREE EXAMINATION, JUNE/JULY 2023.

SECOND SEMESTER

Computer Applications

E-COMMERCE AND WEB DESIGNING

(w.e.f 2020-21 Admitted batch)

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

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PART A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

1. List out the Components of e-commerce.
2. What are the features of Online banking?
3. What are the benefits of Online Auction?
4. Write note on Attributes.
5. Define DHTML.
6. Write note on Software and Hardware.
7. What do you mean by Payment Gateways?
8. Define Anchor tag.

PART B — (5 × 10 = 50 marks)

Answer FIVE questions.

9. (a) Explain the different E-Commerce business models.  
Or  
(b) Explain the major Limitations of E-commerce.
10. (a) Discuss the different methods of E-Payments.  
Or  
(b) Discuss the functions of Digital Signatures.
11. (a) Explain the advantages and disadvantages of transacting online.  
Or  
(b) How is online learning useful? Explain its Characteristics.



12. (a) What is HTML? Discuss about Structure of HTML Document.

Or

(b) Explain the types of Lists in HTML.

13. (a) Discuss about Frames.

Or

(b) Explain about Style Sheets in HTML.

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2 RS 34009 C

TWO YEAR B.Com. (CBCS) DEGREE EXAMINATION, FEBRUARY 2023.

THIRD SEMESTER

Computer Applications

PROGRAMMING WITH C AND C++

(w.o.f. 2021-21 admitted batch)

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

1. Define Identifiers.
2. What is operator? Briefly explain various types of operators.
3. Define for loop and its syntax with examples.
4. Write about multidimensional – array.
5. Define recursion.
6. What are the features of C++?
7. Write about Hybrid inheritance.
8. Define I/O statements in 'C'.

PART B — (5 × 10 = 50 marks)

Answer FIVE questions.

9. (a) What are the various 'C' Tokens? Explain it.

Or

- (b) Define Data type. Explain different types of data types in 'C' language.

10. (a) Define loop. What are the various looping constructor supported by 'C'.

Or

- (b) Explain different types of arrays in 'C' with examples.



11. (a) Explain the functions with (i) call-by value (ii) call by reference with examples.

Or

(b) Explain about various string Handling functions.

12. (a) Discuss about classes and objects.

Or

(b) What is constructor? Explain its types.

13. (a) What is Inheritance? Explain different types of inheritance.

Or

(b) Explain different types of Access modes.

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RS 36073

28/2/23

9/205

THREE YEAR B.Sc. (CIBD) DEGREE EXAMINATION, FEBRUARY 2023

THIRD SEMESTER

Computer Science

DATABASE MANAGEMENT SYSTEMS

(W.o.f. 2020-21 Admitted Batch)

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

1. Define DBMS.
2. What are the characteristics of E-R model?
3. Define relational data model.
4. What are the various commands in SQL?
5. Define PL/SQL.
6. Define data and information.
7. What is meant by projection operation? With an example.
8. What are the various types of triggers? Explain briefly it.

PART B — (5 × 10 = 50 marks)

Answer FIVE questions.

9. (a) What is database? Explain the characteristics of database.

Or

- (b) Explain advantages and disadvantages of DBMS.

10. (a) Explain about symbols and components of E-R model.

Or

- (b) Write short notes on generalization.

11. (a) Discuss about Codd's rule.

Or

(b) What are the advantages and limitations of relational algebra?

12. (a) Explain data types in SQL.

Or

(b) Explain table modification commands.

13. (a) Explain about structure of PL/SQL.

Or

(b) What is Trigger? Explain different types of Triggers.

2 RS 44015 C

11/7/23

THREE YEAR B.Com. (Computer Applications)(CBCS) DEGREE EXAMINATION,  
JUNE/JULY 2023.

FOURTH SEMESTER

DATABASE MANAGEMENT SYSTEM

(w.e.f. 2020-21 Admitted batch)

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

1. Define Data and Database.
2. What are the Drawbacks of file based system?
3. Define Generalization.
4. What is meant by SQL?
5. What is use of PL/SQL?
6. What is SubQuery?
7. What is Data model?
8. Define packages.

PART B — (5 × 10 = 50 marks)

Answer FIVE questions.

9. (a) What are the advantages of DBMS?  
Or  
(b) What is Database? Explain the characteristics of Database.
10. (a) Write about drawbacks of File based system.  
Or  
(b) Write short notes on DBMS approach.
11. (a) Write short note on Generalization and specilaization.  
Or  
(b) Define Attributes. Explain the classification of attributes.



12. (a) Explain Data Definition Language Commands.

Or

(b) What is SQL? Explain advantages and disadvantages of SQL.

13. (a) Explain various control structures in PL/SQL.

Or

(b) What is Triggers? Explain different types of Triggers?

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2RS14003C

B.Com. DEGREE EXAMINATION, FEBRUARY 2023.

FIRST SEMESTER

Computer Application

INFORMATION AND TECHNOLOGY

(w.e.f. 2020-2021)

Maximum : 75 marks

Time : Three hours

(No additional sheet will be supplied)

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

1. Define Hardware.
2. How to create and open a document in Word.
3. Write about Autofill in Excel.
4. How to move from one slide to another slide powerpoint.
5. What is Report? How it is useful?
6. What is Primary memory and its types?
7. Define Data and Database.
8. Write about Macros.

SECTION B — (5 × 10 = 50 marks)

Answer FIVE questions.

9. (a) What is memory? Explain different types of Memories.  
Or  
(b) Explain Input Devices.
10. (a) Explain the components of MS Word.  
Or  
(b) Explain Mail merge and its procedure.

11. (a) What is MS EXCEL? Explain its uses.

Or

(b) Explain different types of Functions in MS EXCEL.

12. (a) What are the Features of PowerPoint Presentation?

Or

(b) Explain Auto content Wizard in Power Point Presentation.

13. (a) What is Query? How to create a query in MS-Access?

Or

(b) Explain the procedure of creating tables in MS-Access.