

**(3005AFM15)**

B.C.A. DEGREE (CBCS) EXAMINATION,  
OCTOBER/NOVEMBER 2018.

(Regulation 2015-16)

(Examination at the end of Third Semester)

Part – II

**ACCOUNTS AND FINANCIAL MANAGEMENT**

Time : Three hours

Maximum : 75 marks

**SECTION A — (5 × 5 = 25 marks)**

Answer any FIVE of the following.

1. Explain the process of Accounting.
2. Explain any two methods of depreciation.
3. Explain 'Shareholder's Wealth Maximisation' goal of Financial Management.
4. Explain Balanced (optimum) Working Capital position.
5. Explain the costs involved in credit sales.
6. Explain different types of Capital Markets in India.
7. What do you mean by Reserves and Provision. List out some reserves and provisions.
8. Explain the terms "Liquidity" and "Profitability" in cash management.

**SECTION B — (5 × 10 = 50 marks)**

Answer FIVE questions choosing ONE from each Unit.

**UNIT – I**

9. (a) Journalise the following:

2016

Jan 1	Started business with cash	15,000
Jan 5	Purchased Machinery by cheque	25,000
Jan 7	Paid for stationery	500
Jan 10	Paid for advertisement	600
Jan 12	Paid salaries	2,000

Or

(b) Pass the journal entries and prepare the ledger accounts for the following:

(i)	Received cash from Mr. Joe	20,000
(ii)	Cash paid to Gopi	1,500
(iii)	Paid salaries	2,000
(iv)	Paid Rent	800
(v)	Paid Wages	1,200
(vi)	Purchased furniture for cash	8,000
(vii)	Sold goods to Ravi on credit	150

## UNIT – II

10. (a) Prepare the final accounts from the following.

Particulars	Dr.	Cr.
Drawings	10,000	—
Purchases and Purchase Returns	1,50,000	600
Stock	46,000	—
Cash in hand	3,400	—
Bank balance	22,600	—
Free hold premises	38,600	—
Trade expenses	900	—
Printing	1,640	—
Stationery	280	—
Commission received	—	3,500
Investments	4,000	—
Drs and Crs	36,000	29,000
Wages and salaries	39,000	—
Rent	5,600	—
Capital	—	1,14,700
Sales Returns and sales	500	2,08,000
B/R and B/P	9,500	14,600
Office furniture	3,050	—
Bad debts provision	—	670
	<u>3,71,070</u>	<u>3,71,070</u>

Adjustments:

- Provide for wages Rs.5,000
- Deprecation 5% on premises and 10% on furniture
- Insurance prepaid Rs.200/-
- Closing stock Rs.52,000/-
- Charge interest on capital @ 5%.

Or

- (b) On Jan 2012, XYZ Ltd purchased machinery for Rs.8,00,000/- and spent 50,000/- for installation. The life is expected to be 5 years. Provide depreciation on straight line method and prepare machinery account for 5 years.

### UNIT – III

11. (a) What do you mean by financial Management? Explain the nature and scope of financial function.

Or

- (b) Explain in detail the goals of financial management.

### UNIT– IV

12. (a) Explain the meaning, nature and objectives of working capital management.

Or

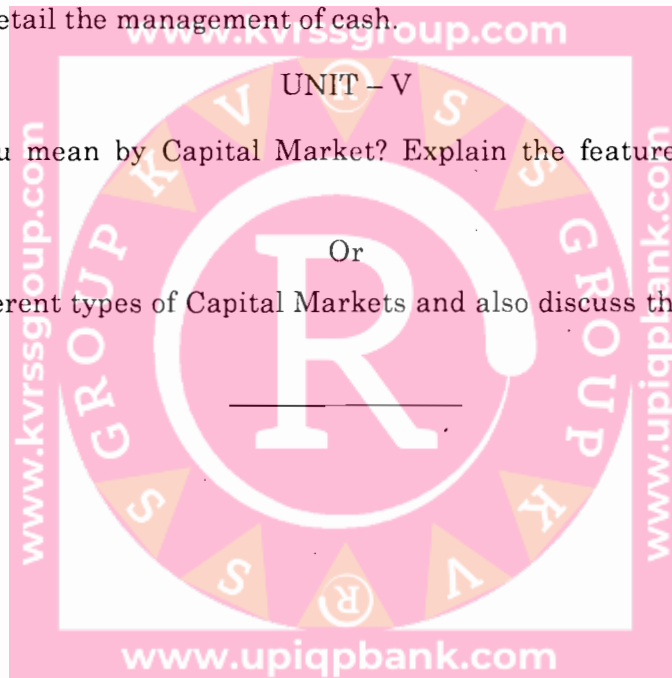
- (b) Explain in detail the management of cash.

### UNIT – V

13. (a) What do you mean by Capital Market? Explain the features of Capital Markets in India.

Or

- (b) Explain different types of Capital Markets and also discuss the role of Capital markets in India.



**(3005DBM15)**

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**Part II**

**DBMS**

**(Regulation 2015–16)**

**Time : Three hours**

**Maximum : 75 marks**

**SECTION A — (5 × 5 = 25 marks)**

**Answer any FIVE questions.**

1. Define DBMS. Explain advantages of DBMS.
2. Explain business rules in data models.
3. Discuss codd relational database rules in DBMS.
4. Explain 1NF, 2NF and 3NF.
5. Discuss joins and types of joins with examples.
6. Explain about sub queries with example.
7. Briefly explain about concurrency control.
8. Explain data recovery management in DBMS.

SECTION B — (5 × 10 = 50 marks)

UNIT IV

Answer ALL of the following questions.

12. (a) Explain DCL, TCL and roll back in DBMS.

UNIT I

Or

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

UNIT V

9. (a) Define file. Explain about file system in database management system.

Or

- (b) Explain about evaluation of data models and degree of data abstraction.

13. (a) Discuss about concurrency control with time stamping methods.

Or

- (b) Briefly explain the properties of Transaction.

UNIT II

10. (a) Discuss about integrity rules and relation set operators with example.

Or

- (b) What is ER model? Explain student information system using ER-diagram.

UNIT III

11. (a) Differentiate Normalization and Denormalization.

Or

- (b) Explain Second normal form and Third normal form.

**(3005PJV15)**

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(Examination at the end of Third Semester)

Part II

PROGRAMMING WITH JAVA

(Regulation 2015–2016)

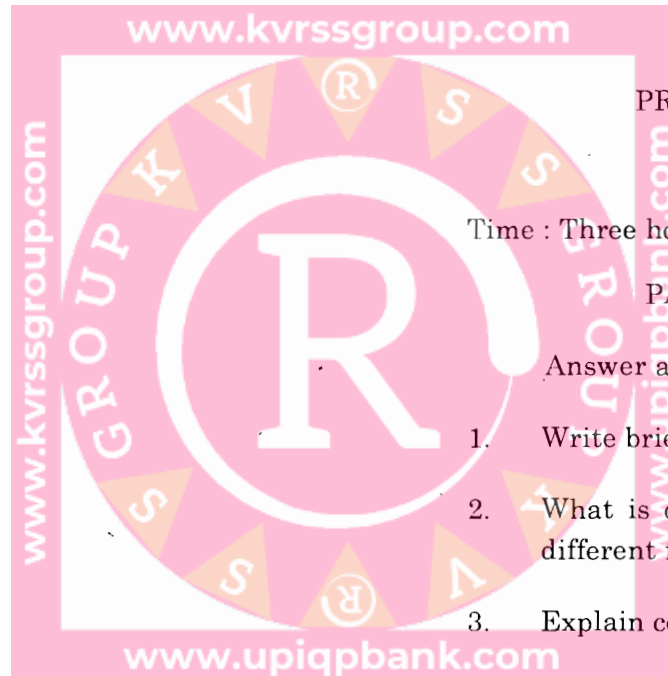
Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions.

1. Write briefly the features of Java.
2. What is object oriented programming? How it is different from procedure oriented programming?
3. Explain conditional operator with example.
4. What is method overloading? Explain with one example.
5. Explain Abstract methods and classes.



6. Describe Wrapper Classes.

7. Explain multiple catch statement with example.

8. Explain character stream classes.

PART B — (5 × 10 = 50 marks)

Answer the following questions.

9. (a) List the eight basic data types used in Java with examples.

Or

(b) Explain the structure of Java program.

10. (a) Explain various Looping statements available in Java with example.

Or

(b) Explain different levels of access protection available in Java.

11. (a) Explain different ways of creating an array and initialization.

Or

(b) What is an Inheritance? Explain multiple Inheritance with example.

12. (a) What is a Thread? Explain the life cycle of a Thread.

Or

(b) Explain Exception handling mechanism in Java.

13. (a) What is an Applet? Explain life cycle of an Applet.

Or

(b) What is a package? Explain Java API packages.