M.Com (CA)

KONGU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

ERODE – 638 107

2018-2019

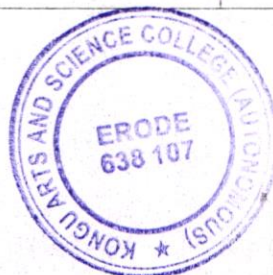# KONGU ARTS AND SCIENCE COLLEGE, ERODE – 638 107.
(AUTONOMOUS)
Department of Commerce (CA)
M.Com.(CA)
Scheme of Examinations – CBCS PATTERN
(For the candidates admitted during the Academic Year 2017-2018 and onwards)

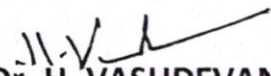| PART	Course Code	Course	Hrs/ Week	T/P	Exam Duration	CIA	ESE	Total Marks	Credit
		SEMESTER - I							
III	17PBBCT101	Core I: Managerial Economics	6	T	3	25	75	100	4
III	17PBBCT102	Core II: Marketing Management	7	T	3	25	75	100	4
III	17PBBCT103	Core III: Data Base Management System	6	T	3	25	75	100	4
III	17PBBCP104	Core IV: Computer Applications in Business: Practical I (Oracle)	6	P	3	40	60	100	4
III		Elective Paper I:	5	T	3	25	75	100	4
		SEMESTER - II							
III	17PBBCT201	Core V: Advanced Corporate Accounting	5	T	3	25	75	100	4
III	17PBBCT202	Core VI: Human Resource Management	5	T	3	25	75	100	4
III	17PBBCT203	Core VII: Research Methodology	5	T	3	25	75	100	4
III	17PBBCT204	Core VIII: Computer Applications in Accounting	5	T	3	25	75	100	4
III	17PBBCP205	Core IX: Computer Applications in Business: Practical-II (Tally)	6	P	3	40	60	100	4
III		Elective Paper II:	4	T	3	25	75	100	4
		SEMESTER - III							
III	17PBBCT301	Core X: Financial Management	7	T	3	25	75	100	4
III	17PBBCT302	Core XI: Cost and Management Accounting	7	T	3	25	75	100	4
III	17PBBCT303	Core XII: Visual Basic	6	T	3	25	75	100	4
III	17PBBCP304	Core XIII: Computer Applications in Business: Practical-III (Visual Basic)	6	P	3	40	60	100	4
III		Elective Paper III:	4	T	3	25	75	100	4
III	17PBBIT309	Institutional Training	-	-	-	-	-	-	-
		SEMESTER - IV							
III	17PBBCT401	Core XIV: Investment Management	5	T	3	25	75	100	4
III	17PBBCT402	Core XV: Direct Taxes	6	T	3	25	75	100	4
III	17PBBCT403	Core XVI: Java Programming	4	T	3	25	75	100	4
III	17PBBCP404	Core XVII: Computer Applications in Business: Practical-IV (Java Programming)	6	P	3	40	60	100	4
III		Elective Paper IV:	4	T	3	25	75	100	4
III	17PBBCV409	Core XVIII: Project Work	5	-	3	40	160	200	6
		TOTAL	-	-	-	-	-	2300	90

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List of Elective Papers
(Students can choose any one of the Group Papers as Electives)

Elective Group - A	17PBBET105	1. Services Marketing
	17PBBET206	2. Marketing of Financial Services
	17PBBET305	3. Marketing of Health Services
	17PBBET405	4. Travel and Hospitality Services
Elective Group – B	17PBBET106	1. Financial Markets and Institutions
	17PBBET207	2. Indian Stock Exchanges
	17PBBET306	3. Futures and Options
	17PBBET406	4. Fundamental and Technical Analysis
Elective Group – C	17PBBET107	1. Principles of International Trade
	17PBBET208	2. Export and Import Procedure
	17PBBET307	3. Institutions Facilitating International Trade
	17PBBET407	4. International Trade
Elective Group – D	17PBBET108	1. Designing using Corel draw
	17PBBET209	2. Working with Photoshop
	17PBBET308	3. Web Designing
	17PBBET408	4. Cyber Security

Total Marks: 2300

Total Credits: 90

Dr. H. VASUDEVAN

Chairman

Board of Studies – Commerce(CA)

Kongu Arts and Science College, Erode.

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Sem.	Course Code	CORE PAPER XVI: JAVA PROGRAMMING	Total Marks: 100		Hours Per Week	Credits
IV	17PBBCT403		CIA: 25	ESE: 75	4	4

Objective: To enable the students for Application Oriented Programming using Java and to upgrade them in developing net based business applications

Course Outcome (CO): On successful completion of the course, the students will

CO1: Remember the design and concept of java programming.

CO2: Understand the decision making in java programmes.

CO3: Apply the various dimensional arrays and interfaces in programming.

CO4: Analyze the use of threat concept and its methods.

CO5: Evaluate the applet programming and file handling.

Unit I

Introduction to Java - Java Program Structure – Java Tokens – Java Statements – Implementing Java Program – Command Line Arguments - Constants – Variables – Data types – Type Casting – Operators : Arithmetic – Relational – Logical – Assignment – Increment – Decrement – Conditional – Bitwise – Special.

Unit II

Decision Making and Branching statements – Decision Making and Looping Statements – Classes, Objects and Methods : Defining a Class – Adding Variables – Adding Methods – Creating Objects – Accessing Class Members – Constructors – Method Overloading – Inheritance - Overriding of Methods – Final Variables, Methods and Class – Abstract Methods and Class – Visibility Control : Public – Friendly – Protected – Private (Simple Concepts).

Unit III

Arrays: One-Dimensional Array – Two-Dimensional Array – String : String Arrays – String Methods –String Buffer Class - Interfaces (Multiple Inheritance): Defining Interfaces – Extending Interfaces –Implementing Interface – Packages : System Packages – Using System Packages – Creating, Accessing and Using a Package – Adding a Class to a Package – Hiding Classes.

Unit IV

Multithreaded Programming : Creating Threads – Extending the Thread Class – Stopping and Blocking Thread – Life Cycle of a Thread – Using Thread Methods – Implementing the

'Runnable' Interface (Simple Concepts). Managing Errors and Exceptions: Types of Errors – Exceptions – Syntax of Exception Handling Code.

Unit V

Applet Programming : Applets – Difference between Applet and Application Preparing to Write Applets – Building Applet Code – Applet Life Cycle – Creating Executable Applet – Applet Tag – Adding Applet to HTML File – Running the Applet – Aligning the Display – Getting Input from User - Managing Input/Output Files in Java: Stream Concept – Stream Classes – Other I/O Classes – Creating Files – Reading/Writing Characters, Bytes. (Only Simple Concepts).

Text Book:

> Balagurusamy E, Programming with Java -A Primer, Tata McGraw Hill Publishing Company Ltd, New Delhi , 2014.
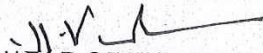
Books for Reference:

1. Liang, Introduction to Java Programming, London: Pearson Publishing House, 2013.
2. Cay S. Horstmann, Core Java - Volume I, Pearson Publishing House, London, 2013.
3. James Keogh, Jim Keogh, J2EE: The Complete Reference, McGraw-Hill/Osborne, Seventh Edition, 2002.
4. Bruce W.Perry, Java Servlet and JSP Cookbook, O'Reilly, First Edition, 2004.

QUESTION PAPER PATTERN		
SECTION - A	SECTION - B	SECTION - C
10 x 1 = 10 Marks	5 x 7 = 35 Marks	3 x 10 = 30 Marks
(Multiple Choice, Four options)	(Either or choice)	(Answer any three Questions)
Two questions from each unit	Two questions from each unit	One Question from each unit

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Sem.	Course Code	CORE PAPER XVII: COMPUTER APPLICATIONS IN BUSINESS: PRACTICAL-IV (JAVA PROGRAMMING)	Total Marks: 100		Hours Per Week	Credits
IV	17PBBCP404		CIA: 40	ESE: 60	6	4

Objective: To develop the Business Applications Oriented Programme relating to Multi-threading, Multiple Inheritance and Applet Viewer Programmes.

Course Outcome (CO): On successful completion of the course, the students will

CO1: Remember the basic concepts of the Java programming.

CO2: Understand the knowledge of creating own business application packages.

CO3: Implement the programs for generating a solution in real life problems.

CO4: Interpret the concepts to produce output.

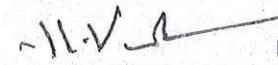CO5: Figure out the results in risky tasks.

Programmes:

1. Program to generate a Pascal Triangle.

2. Program for roots of a Quadratic Equation.

3. Program for merging two sorted arrays.

4. Program for counting letter frequencies in a given string.

5. Program for Multithreading

6. Program for preparing mark list using inheritance.

7. Program for Multiple inheritance.

8. Program for creating your own package.

9. Program that counts the number of lines, words and characters in a given text file.

10. Program that right-justifies a text file.

11. Program that display a digital clock using applet.

12. Program that generates a human face using applet.

13. Create an applet containing three buttons labeled red, green and blue. Depending on the button pressed, the background color of the applet should change.

ESE Practical Examination Pattern					
Program I	30 Marks	Program 2	25 Marks	Record	5 Marks

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