

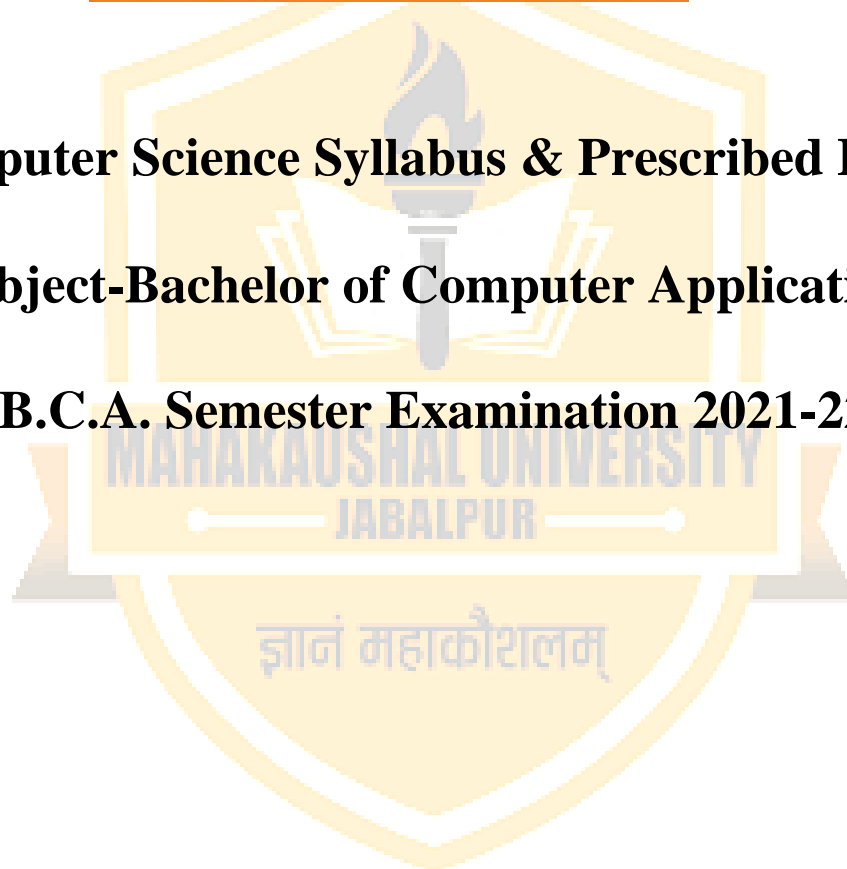
MAHAKAUSHAL University



Computer Science Syllabus & Prescribed Books

Subject-Bachelor of Computer Application

B.C.A. Semester Examination 2021-22



FIRST SEMESTER
Bachelor of Computer Applications

SUBJECT CODE	SUBJECT NAME	Theory						Practical		Total	
		Paper		CCE		Total					
		MAX	MIN	Max	Min	Max	Min	Max	Min	Max	Min
FC0101-T	Moral Values & Language - I	85	28	15	5	100	33	0	0	100	33
FC0102-T	Development of Entrepreneurship - I	85	28	15	5	100	33	0	0	100	33
BBCA0101-T	Computer Fundament	85	28	15	5	100	33	0	0	100	33
BBCA0102-T	PC Software	85	28	15	5	100	33	0	0	100	33
BBCA0103-T	Digital Computer Electronics	85	28	15	5	100	33	0	0	100	33
BBCA0104-T	Communication and Management	85	28	15	5	100	33	0	0	100	33
BBCA0105-P	DOS LAB	0	0	0	0	0	0	50	20	50	20
BBCA0106-P	MS Office LAB	0	0	0	0	0	0	50	20	50	20

Grand Total = 700

ज्ञानं महाकौशलम्

SECAND SEMESTER
Bachelor of Computer Applications

SUBJECT CODE	SUBJECT NAME	Theory						Practical		Total	
		Paper		CCE		Total					
		MAX	MIN	Max	Min	Max	Min	Max	Min	Max	Min
FC0201-T	Moral Values & Language - II	85	28	15	5	100	33	0	0	100	33
FC0202-T	Development of Entrepreneurship - II	85	28	15	5	100	33	0	0	100	33
BBCA0201-T	Elementary Mathematics	85	28	15	5	100	33	0	0	100	33
BBCA0202-T	Desktop Publishing	85	28	15	5	100	33	0	0	100	33
BBCA0203-T	Programming in 'C'	85	28	15	5	100	33	0	0	100	33
BBCA0204-T	Management Accounting	85	28	15	5	100	33	0	0	100	33
BBCA0205-P	Page Maker L A B	0	0	0	0	0	0	50	20	50	20
BBCA0206-P	Programming in 'C' LAB	0	0	0	0	0	0	50	20	50	20

Grand Total = 700

ज्ञानं महाकौशलम्

THIRD SEMESTER
Bachelor of Computer Applications

SUBJECT CODE	SUBJECT NAME	Theory						Practical		Total	
		Paper		CCE		Total		Max	Min	Max	Min
		MAX	MIN	Max	Min	Max	Min				
BBCA0301-T	DATA BASE MANAGEM ENT SYSTEMS	85	28	15	5	100	33	0	0	100	33
BBCA0302-T	OBJECT ORIENTED PROGRAMMING WITH C++	85	28	15	5	100	33	0	0	100	33
BBCA0303-T	INTERNET & E-COMMERCE	85	28	15	5	100	33	0	0	100	33
BBCA0304-T	DATA STRUCTURES	85	28	15	5	100	33	0	0	100	33
BBCA0305-T	OPERATING SYSTEMS	85	28	15	5	100	33	0	0	100	33
BBCA0306-P	C++ & OPERATING SYSTEM LAB	0	0	0	0	0	0	50	20	50	20
BBCA0307-P	DATA STRUCTURES & INTERNET AND E-COMMERCE LAB	0	0	0	0	0	0	50	20	50	20

Grand Total = 600



FOURTH SEMESTER

SUBJECT CODE	SUBJECT NAME	Theory						Practical		Total	
		Paper		CCE		Total		Max	Min	Max	Min
		MAX	MIN	Max	Min	Max	Min				
BBCA0401-T	SYSTEM ANALYSIS AND DESIGN	85	28	15	5	100	33	0	0	100	33
BBCA0402-T	ORACLE RDBMS	85	28	15	5	100	33	0	0	100	33
BBCA0403-T	PROGRAMMING WITH VISUAL BASIC.NET	85	28	15	5	100	33	0	0	100	33
BBCA0404-T	COMPUTER NETWORKS	85	28	15	5	100	33	0	0	100	33
Elective –I		85	28	15	5	100	33	0	0	100	33
BBCA0406-P	LINUX LAB	0	0	0	0	0	0	50	20	50	20
BBCA0407-P	ORACLE LAB	0	0	0	0	0	0	50	20	50	20

Grand Total = 600

Elective –I

BBCA405 (A) - LINUX OS SERVER

BBCA405 (B) – BUSINESS STATISTICS

BBCA405 (C) - PRODUCTION MANAGEMENT

FIFTH SEMESTER
Bachelor of Computer Applications

SUBJECT CODE	SUBJECT NAME	Theory						Practical		Total	
		Paper		CCE		Total		Max	Min	Max	Min
		MAX	MIN	Max	Min	Max	Min				
BBCA0501-T	SOFTWARE TESTING AND PROJECT MANAGEMENT	85	28	15	5	100	33	0	0	100	33
BBCA0502-T	PROGRAMMING WITH JAVA	85	28	15	5	100	33	0	0	100	33
BBCA0503-T	ASP.NET AND C#	85	28	15	5	100	33	0	0	100	33
Elective -II		85	28	15	5	100	33	0	0	100	33
Elective -III		85	28	15	5	100	33	0	0	100	33
BBCA0506-P	JAVA Programming LAB	0	0	0	0	0	0	50	20	50	20
BBCA0507-P	MINOR PROJECT	0	0	0	0	0	0	50	20	50	20

Grand Total = 600

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Elective -III

Elective -II

1. BBCA0504 (A) - INFORMATION TECHNOLOGY TRENDS
2. BBCA0504 (B) – NUMERICAL METHODS
3. BBCA0504 (C) - ADVANCED COST AND CORPORATE ACCOUNTS

1. BBC0A505 (A) - MATHEMATICAL STATISTICS
2. BBCA0505 (B) - MANAGEMENT ACCOUNTING
3. BBCA0505 (C) - ECONOMICS AND FINANCIAL MANAGEMENT

SIXTH SEMESTER
Bachelor of Computer Applications

SUBJECT CODE	SUBJECT NAME	Theory						Practical		Total	
		Paper		CCE		Total					
		MAX	MIN	Max	Min	Max	Min	Max	Min	Max	Min
BCA 601	MAJOR PROJECT	-	-	-200	-80	-	-	300	120	500	200

Grand Total = 500

GUIDELINES FOR SUBMISSION OF BCA MAJOR PROJECT

1. All the candidates of BCA are required to submit a project-report based on the work done by him/her during the **MAJOR** project period.
2. **THE GUIDE**
The Guide for BCA would be a person having at least MCA/B. Tech/M.Sc(CS)/M.Sc(IT) or equivalent.

Number of students in a project group will not be more than three for BCA

