

BHARATHIAR UNIVERSITY : COIMBATORE-641 046

B.Com. (Bachelor of Commerce)

(For the students admitted during the academic year 2010-11 and onwards)

SCHEME OF EXAMINATION – CBCS PATTERN

Part	Study Components	Course Title	Ins. hrs / week	Examinations				Credits
				Dur.Hr	CIA	Marks	Total	
SEMESTER –I								
I	Language-I		6	3	25	75	100	4
II	English-I		6	3	25	75	100	4
III	Core I – Principles of Accountancy		5	3	25	75	100	4
III	Core II–Business Organization & Office Management		5	3	25	75	100	4
III	Allied Paper I – Agricultural Economic of India		6	3	25	75	100	4
IV	Environmental Studies #		2	3	-	50	50	2
SEMESTER –II								
I	Language-II		6	3	25	75	100	4
II	English-II		6	3	25	75	100	4
III	Core III – Financial Accounting		5	3	25	75	100	4
III	Core IV – Principles of Marketing		5	3	25	75	100	4
III	Allied Paper II – Economic Analysis		6	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
SEMESTER –III								
III	Core V – Higher Financial Accounting		7	3	25	75	100	4
III	Core VI – Commercial Law		6	3	25	75	100	4
III	Core VII – Principles of Management		6	3	25	75	100	4
III	Allied : III - Mathematics for Business		6	3	25	75	100	4
IV	Skill based Subject -1 : Business Application Software-I		3	3	20	55	75	3
IV	Tamil @ / Advanced Tamil # (or)Non-Major Elective–I Yoga for Human Excellence # / Women’s Rights # Constitution of India #		2	3	50		50	2
SEMESTER –IV								
III	Core VIII – Corporate Accounting-I		5	3	25	75	100	4
III	Core IX – Computer Applications in Business		4	3	25	75	100	4
III	Core X – Company Law and Secretarial Practice		4	3	25	75	100	4
III	Core XI – Executive Business Communication		3	3	20	55	75	3
III	Core XII – Banking Theory		3	3	20	55	75	3
III	Allied : IV : Statistics for Business		6	3	25	75	100	4
IV	Skill based Subject-2 : Computer Applications (MS-Word and MS-Excel)-Practical –I		3	3	30	45	75	3
IV	Tamil @ / Advanced Tamil # (or) Non-major elective -II : General Awareness #		2	3	50		50	2

SEMESTER –V							
III	Core XIII –Corporate Accounting-II	6	3	25	75	100	4
III	Core XIV – Banking Law and Practices	5	3	25	75	100	4
III	Core XV – Cost Accounting	5	3	25	75	100	4
III	Core XVI – Income Tax Law and Practice	6	3	25	75	100	4
III	Elective –I :	5	3	25	75	100	4
IV	Skill based Subject-3 : Business Application Software-II	3	3	20	55	75	3
SEMESTER –VI							
III	Core XVII – Management Accounting	6	3	25	75	100	4
III	Core XVIII - Principles of Auditing	5	3	25	75	100	4
III	Core XIX - Indirect Tax	6	3	25	75	100	4
III	Elective –II :	5	3	25	75	100	4
III	Elective–III :	5	3	25	75	100	4
IV	Skill based Subject-4 : Computer Applications : MS-PowerPoint, MS-Access and Tally 9.2 -Practical-II	3	3	30	45	75	3
V	Extension Activities @	-		50	-	50	2
TOTAL						3500	140

\$ Includes 25% / 40% continuous internal assessment marks for theory and practical papers respectively.

@ No University Examinations. Only Continuous Internal Assessment (CIA)

No Continuous Internal Assessment (CIA). Only University Examinations.

List of Elective Papers (Colleges can choose any one of the paper as electives)		
Elective – I	A	Business Finance
	B	Brand Management
	C	Fundamentals of Insurance
Elective – II	A	Entrepreneurial Development
	B	Supply Chain Management
	C	Principles of Web Designing
Elective - III	A	Financial Markets
	B	Insurance Legislative Framework
	C	Project Work

BHARATHIAR UNIVERSITY :: COIMBATORE – 641 046

REGULATIONS FOR UNDERGRADUATE DEGREE COURSES

IN SCIENCES, HUMANITIES, SOCIAL SCIENCES AND COMMERCE

CBCS PATTERN with effect from 2010-2011

Definitions:

Programme : “Programme” means a course of study leading to the award of a degree in a discipline.

Course - “Course” refers to a subject offered under the degree programme.

Part I – Tamil / Other languages - means “Tamil/other languages” offered under Part I of the programme.

Part II –English - means “English” language offered under Part II of the programme.

Part III - means “the core courses” related to the programme concerned including (Core Courses) practicals offered under Part III of the programme.

Part III - means “Allied courses” offered under part-III of the programme, which is (Allied Courses) in nature but related to the programme concerned

Part III - means “Elective courses” related to the core courses of the programme concerned. (Elective Courses) offered under Part III of the programme.

Part IV - means basic orientation in Tamil language offered under Part IV(i) of the programme(as name of the course) for those students who have not studied Tamil upto 12th standard.

(ii) Advance Tamil - means, Advanced level Tamil offered under Part IV of the programme to students who have studied Tamil language upto 12th standard and chosen other languages under part I of the programme but would like to advance their Tamil language skills.

(iii) Non-Major Electives - means elective subjects offered under Part IV (iii) option is being given not concerned with major but are to be selected by students who have not opted for (either) Advance Tamil or Tamil (as mandated).

(iv) “Skill based Courses” - means the courses offered as skill based courses under Part IV (iv) of the programme aimed at imparting Advanced Skill

(v) “Foundation Course” - means courses such as
1) Environmental Studies (1st year)
2) Value Education - Human Rights /Women’s Rights / Constitution of India (2nd year) offered under Part IV (iv) of the programme.

Part V

“Extension - means all those activities under NSS/NCC/Sports/YRC programme and other Activities” co and extra curricular activities offered under part V of the programme.

study is THREE years. These regulation shall apply to the regular course of study in approved institutions of the University.

Credits: Means the weightage given to each course of study (subject) by the experts of the Board of Studies concerned.

Credit System: Means, the course of study under this regulations, where weightage of credits are spread over to different semesters during the period of study and the Cumulative Grade Point Average shall be awarded based on the credits earned by the students. A total of 140 credits are prescribed for the Undergraduate Programme (Three years)

Choice Based : All Undergraduate Programmes offered by the University shall be under Choice Based

Credit System Credit System (CBCS). This is to enhance the quality and mobility of the students within and between the Universities in the country and abroad.

Project : Each student admitted to the Programme of study shall take up a project work in lieu of three Elective courses. The report of the study should be submitted at the end of course of study certified by the supervisor and duly forwarded by the Head of the Department/Principal of the College. The Head of the department of the concerned programme shall assign a project supervisor, who inturn shall assign the topic and monitor the project work of the student.

Internship: Internship is a specialized field training programme required to be attached to an industry as an inhouse internee for a period prescribed by the Board of study concerned. At the end of the training Programme, each student should submit a “Internship Report” for examination.

BHARATHIAR UNIVERSITY,COIMBATORE-641 046

B.Com – CA (Computer Applications)

(For the students admitted during the academic year 2015-16 and onwards)

SCHEME OF EXAMINATION – CBCS PATTERN

Part	Study Components	Course Title	Ins. hrs / week	Exam			Credits	
				Dur.Hrs	CIA	Mark		Total
SEMESTER – I								
I	Language-I		6	3	25	75	100	4
II	English-I		6	3	25	75	100	4
III	Core I – Principles of Accountancy		4	3	25	75	100	4
III	Core II – Introduction to Information Technology		4	3	25	75	100	4
III	Allied PaperI : Mathematics for Business		4	3	25	75	100	4
III	Core-IV:Computer Applications: MS Office - Practical-I		4	3	-	-	-	-
IV	Environmental Studies #		2	3	-	50	50	2
SEMESTER – II								
I	Language-II		6	3	25	75	100	4
II	English-II		6	3	25	75	100	4
III	Core III – Advanced Accounting		7	3	25	75	100	4
III	Core IV–Computer Application: MS Office - Practical-I		4	3	40	60	100	4
III	Allied Paper II – Statistics for Business		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
SEMESTER – III								
III	Core V – Principles of Marketing		5	3	25	75	100	4
III	Core VI – Database Management System		5	3	25	75	100	4
III	Core VII – Cost Accounting		6	3	25	75	100	4
III	Allied : III - Managerial Economics		5	3	25	75	100	4
III	Core-VIII : Computer Applications: Oracle -Practical-II		4	3	-	-	-	-
IV	Skill based Subject-1 : Commercial Law		3	3	20	55	75	3
IV	Tamil @ / Advanced Tamil #(or)Non-major Elective–I : Yoga for Human Excellence # / Women’s Rights # Constitution of India #		2	3	50		50	2
SEMESTER – IV								
III	Core IX – Management Accounting		6	3	25	75	100	4
III	Core X – Object Oriented Programme with C++		5	3	25	75	100	4
III	Core XI – Executive Business Communication		3	3	20	55	75	3
III	Core XII – Computer Applications : Oracle & C++ Practical-II		4	3	40	60	100	4
III	Core XIII – Banking Theory		3	3	20	55	75	3
III	Allied : IV : Principles of Management		4	3	25	75	100	4
IV	Skill based Subject-2 : Company Law		3	3	20	55	75	3
IV	Tamil @ /Advanced Tamil # (or) Non-major elective - II : General Awareness #		2	3	50		50	2

SEMESTER – V							
III	Core XIV – Principles of Auditing	4	3	25	75	100	4
III	Core XV – Corporate Accounting	5	3	25	75	100	4
III	Core XVI – E-Commerce Technology	5	3	25	75	100	4
III	Core XVII – Software Development with Visual Basic	4	3	25	75	100	4
III	Core XVIII - Computer Applications : Visual Basic - Practical-III	4	3	-	-	-	-
III	Elective-I :	5	3	25	75	100	4
IV	Skill based Subject-3 : Banking and Insurance Law	3	3	20	55	75	3
SEMESTER – VI							
III	Core XIX – Management Information System	6	3	25	75	100	4
III	Core XX - Internet and Web Designing	5	3	25	75	100	4
III	Core XXI - Computer Applications : Visual Basic &Web Designing Practical-III	4	3	40	60	100	4
III	Elective –II :	6	3	25	75	100	4
III	Elective –III :	6	3	25/ 20	75/ 80	100	4
IV	Skill based Subject- 4 : Cyber Law	3	3	20	55	75	3
V	Extension Activities @	-	-	-	-	50	2
Total						3500	140

\$ Includes 25% / 40% continuous internal assessment marks for theory and practical papers respectively.

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List of Elective Papers (Colleges can choose any one of the paper as electives)		
Elective – I	A	Income Tax Law & Practice
	B	Entrepreneurial Development
	C	Micro Finance
Elective – II	A	Business Finance
	B	Brand Management
	C	Supply Chain Management
Elective – III	A	Indirect Taxes
	B	Financial Markets
	C	Project Work

Note: The existing syllabus be followed for the above papers (except **Semester II – Advanced Accounting, Semester IV - Banking Theory and Elective – I A Income tax law & practice**). The syllabus for **Semester II – Advanced Accounting, Semester IV - Banking Theory and Elective – I A Income tax law & practice** are furnished below:

BHARATHIAR UNIVERSITY :: COIMBATORE – 641 046

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Part III - means “the core courses” related to the programme concerned including (Core Courses) practicals offered under Part III of the programme.

Part III - means “Allied courses” offered under part-III of the programme, which is (Allied Courses) in nature but related to the programme concerned

Part III - means “Elective courses” related to the core courses of the programme concerned. (Elective Courses) offered under Part III of the programme.

Part IV - means basic orientation in Tamil language offered under Part IV(i) of the programme(as name of the course) for those students who have not studied Tamil upto 12th standard.

(ii) Advance Tamil - means, Advanced level Tamil offered under Part IV of the programme to students who have studied Tamil language upto 12th standard and chosen other languages under part I of the programme but would like to advance their Tamil language skills.

(iii) Non-Major Electives - means elective subjects offered under Part IV (iii) option is being given not concerned with major but are to be selected by students who have not opted for (either) Advance Tamil or Tamil (as mandated).

(iv) “Skill based” - means the courses offered as skill based courses under Part IV (iv) of the

Courses” programme aimed at imparting Advanced Skill

- (v) “Foundation Course” - means courses such as
- 1) Environmental Studies (1st year)
 - 2) Value Education - Human Rights /Women’s Rights / Constitution of India (2nd year) offered under Part IV (iv) of the programme.

Part V

“Extension programme and other Activities” - means all those activities under NSS/NCC/Sports/YRC co and extra curricular activities offered under part V of the programme.

A detailed explanation of the above with relevant credits are given under “Scheme of Examination along with Distribution of Marks and Credits”

Duration: Means the stipulated years of study to complete a programme as prescribed by the University from time to time. Currently for the undergraduate programme the duration of study is THREE years. These regulation shall apply to the regular course of study in approved institutions of the University.

Credits: Means the weightage given to each course of study (subject) by the experts of the Board of Studies concerned.

Credit System: Means, the course of study under this regulations, where weightage of credits are spread over to different semesters during the period of study and the Cumulative Grade Point Average shall be awarded based on the credits earned by the students. A total of 140 credits are prescribed for the Undergraduate Programme (Three years)

Choice Based : All Undergraduate Programmes offered by the University shall be under Choice Based

Credit System Credit System (CBCS). This is to enhance the quality and mobility of the students within and between the Universities in the country and abroad.

Project : Each student admitted to the Programme of study shall take up a project work in lieu of three Elective courses. The report of the study should be submitted at the end of course of study certified by the supervisor and duly forwarded by the Head of the Department/Principal of the College. The Head of the department of the concerned programme shall assign a project supervisor, who inturn shall assign the topic and monitor the project work of the student.

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BHARATHIAR UNIVERSITY, COIMBATORE-641 046

(For the students admitted from the academic year 2014-15 and onwards)

SCHEME OF EXAMINATIONS – CBCS Pattern

B.B.A (Bachelor of Business Administration)

Part	Study Components	Course Title	Ins. Hrs / Week	Examinations			Credits	
				Dur. Hrs.	CIA	Marks		Total Marks
SEMESTER –I								
I	Language-I		6	3	25	75	100	4
II	English-I		6	3	25	75	100	4
III	Core I – Management Process		5	3	25	75	100	4
III	Core II –Business Communication		5	3	20	55	75	3
III	Allied Paper I – Mathematics for Management-I		6	3	25	75	100	4
IV	Environmental Studies #		2	-	-	50	50	2
SEMESTER –II								
I	Language-II		6	3	25	75	100	4
II	English-II		6	3	25	75	100	4
III	Core III – Organisational Behaviour		5	3	20	55	75	3
III	Core IV – Economics for Executives		6	3	25	75	100	4
III	Allied Paper II – Mathematics for Management-II		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	-	-	50	50	2
SEMESTER –III								
III	Core V – Financial Accounting		5	3	25	75	100	4
III	Core VI – Production and Material Management		5	3	25	75	100	4
III	Core VII – Marketing Management		5	3	25	75	100	4
III	Core VIII – Business Law		5	3	25	75	100	4
III	Allied : III - PC Software (Ms Office) – Practical		5	3	40	60	100	4
IV	Skill based Subject-1 : Communication Skills I ^		3	3	30	45	75	3
IV	Tamil @ /Advanced Tamil # (or) Non-major elective-I : Yoga for Human Excellence # / Women’s Rights # Constitution of India #		2	-	50	50	50	2
SEMESTER –IV								
III	Core IX - Human Resource Management		5	3	25	75	100	4
III	Core X – Cost & Management Accounting		5	3	25	75	100	4
III	Core XI – Advertising and Sales Promotion		5	3	25	75	100	4
III	Core XII –Management Information System		5	3	25	75	100	4
III	Allied : IV – Taxation Law and Practice		5	3	25	75	100	4
IV	Skill based Subject-2 : Communication Skills II ^		3	3	30	45	75	3
IV	Tamil @ / Advanced Tamil # (or) Non-major elective-II : General Awareness #		2	-	50	50	50	2

B.B.A (Bachelor of Business Administration)

SEMESTER –V							
III	Core XIII –Financial Management	6	3	25	75	100	4
III	Core XIV – Research Methods for Management	5	3	25	75	100	4
III	Core XV - Insurance Principles and Practice	5	3	25	75	100	4
III	Core XVI – Visual Basic - Theory	3	3	10	40	50	2
III	Core XVII – Visual Basic – Practical	3	3	20	30	50	2
III	Elective –I :	5	3	25	75	100	4
IV	Skill based Subject –3 : Campus to Corporate ^	3	3	30	45	75	3
SEMESTER –VI							
III	Core XVIII – Entrepreneurship and Project Management	6	3	25	75	100	4
III	Core XIX - Investment Management	6	3	25	75	100	4
III	Core XX – Services Marketing	5	3	25	75	100	4
III	Elective –II :	5	3	25	75	100	4
III	Elective –III :	5	3	25	75	100	4
IV	Skill based Subject –4 : Soft Skills for Business ^	3	3	30	45	75	3
V	Extension Activities @	-	-	50	-	50	2
TOTAL		-	-	-	-	3500	140

^ Refer the detailed note on this curricular aspect

\$ Includes 25% / 40% continuous internal assessment marks for theory and practical papers respectively.

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List of Elective papers (Colleges can choose any one of the paper as electives)		
Elective – I	A	Portfolio Analysis and Management
	B	Modern Office Management
	C	Company Law and Secretarial Practice
	D	Customer Relationship Management
Elective – II	A	Banking Law and Practice
	B	Industrial Relations and Labour Laws
	C	Strategic Management
	D	Consumer Behaviour
Elective - III	A	Financial Services
	B	Project Work & Viva-Voce
	C	E-Commerce
	D	Global Business Management

Project Work & Viva-Voce

Project Work-50 Marks (25 Marks for Internal and 25 Marks for External) & Viva Voce-50 marks (External) : (25 marks for Internal Assessment & 75 marks for External Assessment)

BHARATHIAR UNIVERSITY, COIMBATORE-641 046
(For the students admitted from the academic year 2015-16 and onwards)

SCHEME OF EXAMINATIONS – CBCS Pattern

B.B.A (Bachelor of Business Administration)

Part	Study Components	Course Title	Ins. Hrs / Week	Examinations			Credits	
				Dur. Hrs.	CIA	Marks		Total Marks
	SEMESTER –I							
I	Language-I		6	3	25	75	100	4
II	English-I		6	3	25	75	100	4
III	Core I – Management Process		5	3	25	75	100	4
III	Core II –Business Communication		5	3	20	55	75	3
III	Allied Paper I – Mathematics for Management-I		6	3	25	75	100	4
IV	Environmental Studies #		2	-	-	50	50	2
	SEMESTER –II							
I	Language-II		6	3	25	75	100	4
II	English-II		6	3	25	75	100	4
III	Core III – Organisational Behaviour		5	3	20	55	75	3
III	Core IV – Economics for Executives		6	3	25	75	100	4
III	Allied Paper II – Mathematics for Management-II		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	-	-	50	50	2
	SEMESTER –III							
III	Core V – Financial Accounting		5	3	25	75	100	4
III	Core VI – Production and Material Management		5	3	25	75	100	4
III	Core VII – Marketing Management		5	3	25	75	100	4
III	Core VIII – Business Law		5	3	25	75	100	4
III	Allied : III - PC Software (Ms Office) – Practical		5	3	40	60	100	4
IV	Skill based Subject-1 : Communication Skills I ^		3	3	30	45	75	3
IV	Tamil @ /Advanced Tamil # (or) Non-major elective-I : Yoga for Human Excellence # / Women’s Rights # Constitution of India #		2	-	50	50	50	2
	SEMESTER –IV							
III	Core IX - Human Resource Management		5	3	25	75	100	4
III	Core X – Cost & Management Accounting		5	3	25	75	100	4
III	Core XI – Advertising and Sales Promotion		5	3	25	75	100	4
III	Core XII –Management Information System		5	3	25	75	100	4
III	Allied : IV – Financial Accounting Package – Tally (Practical only)		5	3	40	60	100	4
IV	Skill based Subject-2 : Communication Skills II ^		3	3	30	45	75	3
IV	Tamil @ / Advanced Tamil # (or) Non-major elective-II : General Awareness #		2	-	50	50	50	2

B.B.A (Bachelor of Business Administration)

SEMESTER –V							
III	Core XIII –Financial Management	6	3	25	75	100	4
III	Core XIV – Research Methods for Management	5	3	25	75	100	4
III	Core XV - Insurance Principles and Practice	5	3	25	75	100	4
III	Core XVI – Taxation Law and Practice	6	3	25	75	100	4
III	Elective –I :	5	3	25	75	100	4
IV	Skill based Subject –3 : Campus to Corporate ^	3	3	30	45	75	3
SEMESTER –VI							
III	Core XVII – Entrepreneurship and Project Management	6	3	25	75	100	4
III	Core XVIII - Investment Management	6	3	25	75	100	4
III	Core XIX – Services Marketing	5	3	25	75	100	4
III	Elective –II :	5	3	25	75	100	4
III	Elective –III :	5	3	25	75	100	4
IV	Skill based Subject –4 : Soft Skills for Business ^	3	3	30	45	75	3
V	Extension Activities @	-	-	50	-	50	2
TOTAL		-	-	-	-	3500	140

^ Refer the detailed note on this curricular aspect

\$ Includes 25% / 40% continuous internal assessment marks for theory and practical papers respectively.

@ No University Examinations. Only Continuous Internal Assessment (CIA)

No Continuous Internal Assessment (CIA). Only University Examinations.

List of Elective papers (Colleges can choose any one of the paper as electives)		
Elective – I	A	Portfolio Analysis and Management
	B	Modern Office Management
	C	Company Law and Secretarial Practice
	D	Customer Relationship Management
Elective – II	A	Banking Law and Practice
	B	Industrial Relations and Labour Laws
	C	Strategic Management
	D	Consumer Behaviour
Elective - III	A	Financial Services
	B	Project Work & Viva-Voce
	C	E-Commerce
	D	Global Business Management

Project Work & Viva-Voce

Project Work-50 Marks (25 Marks for Internal and 25 Marks for External) & Viva Voce-50 marks (External) : (25 marks for Internal Assessment & 75 marks for External Assessment)

BHARATHIAR UNIVERSITY, COIMBATORE-641 046

(For the students admitted from the academic year 2016-17 and onwards)

**SCHEME OF EXAMINATIONS – CBCS Pattern
B.B.A (Bachelor of Business Administration)**

Part	Study Components	Course Title	Ins. Hrs / Week	Examinations			Credits	
				Dur. Hrs.	CIA	Marks		Total Marks
	SEMESTER –I							
I	Language-I		6	3	25	75	100	4
II	English-I		6	3	25	75	100	4
III	Core I – Principles of Management		5	3	25	75	100	4
III	Core II –Basics of Business and Business Environment		5	3	20	55	75	3
III	Allied Paper I – Mathematics for Management-I		6	3	25	75	100	4
IV	Environmental Studies #		2	-	-	50	50	2
	SEMESTER –II							
I	Language-II		6	3	25	75	100	4
II	English-II		6	3	25	75	100	4
III	Core III – Organisational Behaviour		5	3	20	55	75	3
III	Core IV – Economics for Executives		6	3	25	75	100	4
III	Allied Paper II – Mathematics for Management-II		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	-	-	50	50	2
	SEMESTER –III							
III	Core V – Financial Accounting		5	3	25	75	100	4
III	Core VI – Production and Material Management		5	3	25	75	100	4
III	Core VII – Marketing Management		5	3	25	75	100	4
III	Core VIII - PC Software (MS Office) – Practical		5	3	30	45	75	3
III	Allied : III – Business Law		5	3	25	75	100	4
IV	Skill based Subject-1 : Communication Skills I ^		3	3	30	45	75	3
IV	Tamil @ /Advanced Tamil # (or) Non-major elective-I Yoga for Human Excellence # / Women’s Rights # Constitution of India #		2	-	50		50	2
	SEMESTER –IV							
III	Core IX - Human Resource Management		5	3	25	75	100	4
III	Core X – Financial Management		5	3	25	75	100	4
III	Core XI – Financial Accounting Package – Tally (Practical only)		5	3	30	45	75	3
III	Core XII –Management Information System		5	3	25	75	100	4
III	Allied : IV– Taxation Law and Practice		5	3	25	75	100	4
IV	Skill based Subject-2 : Communication Skills II ^		3	3	30	45	75	3
IV	Tamil @ / Advanced Tamil # (or) Non-major elective-II : General Awareness #		2	-	50		50	2

B.B.A (Bachelor of Business Administration)

SEMESTER –V							
III	Core XIII – Cost & Management Accounting	6	3	25	75	100	4
III	Core XIV – Research Methods for Management	5	3	25	75	100	4
III	Core XV - Advertising and Sales Promotion	5	3	25	75	100	4
III	Core XVI – Insurance Principles and Practice	6	3	25	75	100	4
III	Skill Enhancer: Institutional Training *	-	-	50	-	50	2
III	Elective –I :	5	3	25	75	100	4
IV	Skill based Subject –3 : Campus to Corporate ^	3	3	30	45	75	3
SEMESTER –VI							
III	Core XVII – Entrepreneurship and Small Business Management	6	3	25	75	100	4
III	Core XVIII - Investment Management	6	3	25	75	100	4
III	Core XIX – Services Marketing	5	3	25	75	100	4
III	Elective –II :	5	3	25	75	100	4
III	Elective –III :	5	3	25	75	100	4
IV	Skill based Subject –4 : Soft Skills for Business ^	3	3	30	45	75	3
V	Extension Activities @	-	-	50	-	50	2
TOTAL		-	-	-	-	3500	140

^ Refer the detailed note on this curricular aspect

@ No University Examinations. Only Continuous Internal Assessment (CIA)

* No University Examination – Refer the detailed note on this curricular component.

No Continuous Internal Assessment (CIA). Only University Examinations.

List of Elective papers (Colleges can choose any one of the paper as electives)		
Elective – I	A	Portfolio Analysis and Management
	B	Modern Office Management
	C	Company Law and Secretarial Practice
	D	Customer Relationship Management
Elective – II	A	Banking Law and Practice
	B	Industrial Relations and Labour Laws
	C	Strategic Management
	D	Consumer Behaviour
Elective - III	A	E-Commerce
	B	Project Work & Viva-Voce
	C	Financial Services
	D	Global Business Management

Project Work & Viva-Voce

Project Work-50 Marks (25 Marks for Internal and 25 Marks for External) & Viva Voce-50 marks (External) : (25 marks for Internal Assessment & 75 marks for External Assessment)

BHARATHIAR UNIVERSITY, COIMBATORE-641 046

(For the students admitted from the academic year 2017-18 and onwards)

SCHEME OF EXAMINATIONS – CBCS Pattern

B.B.A. (Bachelor of Business Administration)

Part	Study Components	Course Title	Ins. Hrs / Week	Examinations			Credits	
				Dur. Hrs.	CIA	Marks		Total Marks
SEMESTER –I								
I	Language-I		6	3	25	75	100	4
II	English-I		6	3	25	75	100	4
III	Core I – Principles of Management		5	3	25	75	100	4
III	Core II –Basics of Business and Business Environment		5	3	20	55	75	3
III	Allied Paper I – Mathematics for Management-I		6	3	25	75	100	4
IV	Environmental Studies #		2	-	-	50	50	2
SEMESTER –II								
I	Language-II		6	3	25	75	100	4
II	English-II		6	3	25	75	100	4
III	Core III – Organizational Behavior		5	3	20	55	75	3
III	Core IV – Economics for Executives		6	3	25	75	100	4
III	Allied Paper II – Mathematics for Management-II		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	-	-	50	50	2
SEMESTER –III								
III	Core V – Financial Accounting		5	3	25	75	100	4
III	Core VI – Production and Material Management		5	3	25	75	100	4
III	Core VII – Marketing Management		5	3	25	75	100	4
III	Core VIII - PC Software (MS Office) – Practical		5	3	30	45	75	3
III	Allied : III – Business Law		5	3	25	75	100	4
IV	Skill based Subject-1 :Communication Skills I ^		3	3	30	45	75	3
IV	Tamil @ /Advanced Tamil # (or) Non-major elective-I Yoga for Human Excellence # / Women’s Rights # Constitution of India #		2	-	50		50	2
SEMESTER –IV								
III	Core IX - Human Resource Management		5	3	25	75	100	4
III	Core X – Financial Management		5	3	25	75	100	4
III	Core XI – Financial Accounting Package – Tally (Practical only)		5	3	30	45	75	3
III	Core XII –Management Information System		5	3	25	75	100	4
III	Allied : IV– Taxation Law and Practice		5	3	25	75	100	4
IV	Skill based Subject-2 : Communication Skills II ^		3	3	30	45	75	3
IV	Tamil @ / Advanced Tamil # (or) Non-major elective-II : General Awareness #		2	-	50		50	2

B.B.A (Bachelor of Business Administration)

SEMESTER –V							
III	Core XIII – Cost & Management Accounting	6	3	25	75	100	4
III	Core XIV – Research Methods for Management	5	3	25	75	100	4
III	Core XV - Advertising and Sales Promotion	5	3	25	75	100	4
III	Core XVI – Business Correspondence	6	3	25	75	100	4
III	Skill Enhancer: Institutional Training ^	-	-	10	40	50	2
III	Elective –I :	5	3	25	75	100	4
IV	Skill based Subject –3 : Campus to Corporate ^	3	3	30	45	75	3
SEMESTER –VI							
III	Core XVII – Entrepreneurship and Small Business Management	6	3	25	75	100	4
III	Core XVIII - Investment Management	6	3	25	75	100	4
III	Core XIX – Services Marketing	5	3	25	75	100	4
III	Elective –II :	5	3	25	75	100	4
III	Elective –III :	5	3	25	75	100	4
IV	Skill based Subject –4 : Soft Skills for Business ^	3	3	30	45	75	3
V	Extension Activities @	-	-	50	-	50	2
TOTAL		-	-	-	-	3500	140

^ Refer the detailed note on this curricular aspect

@ No University Examinations. Only Continuous Internal Assessment (CIA)

University Examination – Refer the detailed note on this curricular component.

No Continuous Internal Assessment (CIA).Only University Examinations.

List of Elective papers (Colleges can choose any one of the paper as electives)		
Elective – I	A	Intellectual Property Rights.
	B	Modern Office Management
	C	Company Law and Secretarial Practice
	D	Customer Relationship Management
Elective – II	A	Banking Law and Practice
	B	Industrial Relations and Labour Laws
	C	Insurance Principles and Practice
	D	Consumer Behaviour
Elective - III	A	E-Commerce
	B	Project Work & Viva-Voce
	C	Financial Services
	D	Global Business Management

Project Work & Viva-Voce

Project Work-50 Marks (25 Marks for Internal and 25 Marks for External) & Viva Voce- 50 marks (External) :(25 marks for Internal Assessment & 75 marks for External Assessment

BHARATHIAR UNIVERSITY: COIMBATORE-641 046

B.Sc. CS/IT/CT/SS/MM/CSA &BCA

(For the students admitted from the academic year 2015-2016 onwards)

SCHEME OF EXAMINATION - CBCS PATTERN

Part	Study Components	Course title	Ins. hrs/ week	Examinations				Credit
				Dur.Hrs	CIA	Marks	Total Marks	
	Semester I							
I	Language – I		6	3	25	75	100	4
II	English – I		6	3	25	75	100	4
III	Core 1: Computing fundamentals and C Programming		4	3	25	75	100	4
III	Core 2: Digital Fundamentals and Architecture		4	3	25	75	100	4
III	Core Lab 1: Programming Lab - C		3	3	40	60	100	4
III	Allied 1: &&		5	3	25	75	100	4
IV	Environmental Studies #		2	3	-	50	50	2
	Semester II							
I	Language – II		6	3	25	75	100	4
II	English – II		6	3	25	75	100	4
III	Core 3: COBOL Programming		5	3	25	75	100	4
III	Core Lab 2: Programming Lab – COBOL		4	3	40	60	100	4
III	Core Lab 3: Programming Lab –Internet Basics		2	3	20	30	50	2
III	Allied 2: &&		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
	Semester III							
III	Core 4: Data Structures		6	3	25	75	100	4
III	Core 5: C++ Programming		6	3	25	75	100	4
III	Core Lab 3: Programming Lab - C++		5	3	40	60	100	4
III	Allied 3: &&		6	3	25	75	100	4
IV	Skill based Subject I – &&		5	3	20	55	75	3
IV	Tamil @ / Advanced Tamil# (OR) Non-major elective-1 (Yoga for Human Excellence)# / Women’s Rights#		2	3	-	50	50	2
	Semester IV							
III	Core 6: System Software and Operating System		6	3	25	75	100	4
III	Core 7: Java Programming		6	3	25	75	100	4

III	Core Lab 5: : Programming Lab - JAVA	6	3	40	60	100	4
III	Allied 4: &&	6	3	25	75	100	4
IV	Skill based Subject 2 –(lab) &&	4	3	30	45	75	3
IV	Tamil @ /Advanced Tamil # (OR) Non-major elective -II (General Awareness #)	2	3	-	50	50	2
	Semester V						
III	Core 8: RDBMS & ORACLE	6	3	25	75	100	4
III	Core 9: Visual Programming – Visual Basic & Visual C++	6	3	25	75	100	4
III	Core Lab 5: Programming Lab. – V.B.,V C++ & ORACLE	6	3	40	60	100	4
	Elective I &&	6	3	25	75	100	4
IV	Skill based Subject 3- &&	6	3	20	55	75	3
	Semester VI						
III	Core 11: Graphics & Multimedia	5	3	25	75	100	4
III	Core 12: Project Work Lab %%	5	3	-	200	200	8
III	Core Lab 6: Programming Lab - Graphics & Multimedia	6	3	40	60	100	4
III	Elective II &&	5	3	25	75	100	4
III	Elective III &&	5	3	25	75	100	4
IV	Skill Based Subject 4 (lab) - &&	4	3	30	45	75	3
V	Extension Activities @	-	-	50	-	50	2
	Total					3500	140

@ No University Examinations. Only Continuous Internal Assessment (CIA)

No Continuous Internal Assessment (CIA). Only University Examinations.

%% see **Guidelines for Project Work.**

Note: The Syllabus for the above papers (except **ALLIED - 4: BUSINESS ACCOUNTING**) be the same as prescribed for the academic year 2014-15. The revised syllabi for the paper Allied 4 **Business Accounting** and **Guidelines for Project Work** are furnished below:

GUIDELINES FOR PROJECT WORK

- The aim of the project work is to acquire practical knowledge on the implementation of the programming concepts studied.
- Each student should carry out individually one project work and it may be a work using the software packages that they have learned or the implementation of concepts from the papers studied or implementation of any innovative idea focusing on application oriented concepts.
- The project work should be compulsorily done in the college only under the supervision of the department staff concerned.

Viva Voce

- Viva-Voce will be conducted at the end of the semester by both Internal (Respective Guides) and External Examiners, after duly verifying the **Annexure Report** available in the College, for a total of 200 marks at the last day of the practical session.

Out of 200 marks, 160 marks for project report and 40 marks for Viva Voce.

BHARATHIAR UNIVERSITY: COIMBATORE-641 046

B.Sc. CS/IT/CT/SS/MM/CSA &BCA

(For the students admitted from the academic year 2016-2017 and onwards)

SCHEME OF EXAMINATION - CBCS PATTERN

Part	Study components	Course Title	Ins. Hrs/week	Examinations				Credit
				Dur. Hrs.	CIA	Marks	Total Marks	
Semester I								
I	Language – I		6	3	25	75	100	4
II	English – I		6	3	25	75	100	4
III	Core 1: Computing Fundamentals and C Programming		4	3	25	75	100	4
III	Core 2: Digital Fundamentals and Architecture		4	3	25	75	100	4
III	Core Lab 1: Programming Lab – C		3	3	40	60	100	4
III	Allied 1: &&		5	3	25	75	100	4
IV	Environmental Studies #		2	3	-	50	50	2
Semester II								
I	Language – II		6	3	25	75	100	4
II	English – II		6	3	25	75	100	4
III	Core 3: C++ Programming		5	3	25	75	100	4
III	Core Lab 2: Programming Lab – C++		4	3	40	60	100	4
III	Core Lab 3: Internet Basics		2	3	20	30	50	2
III	Allied 2: &&		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
Semester III								
III	Core 4: Data Structures		6	3	25	75	100	4
III	Core 5: Java Programming		6	3	25	75	100	4
III	Core Lab 4: Programming Lab – Java		5	3	40	60	100	4
III	Allied 3: &&		6	3	25	75	100	4
IV	Skill based Subject 1 - &&		5	3	20	55	75	3
IV	Tamil @/ Advanced Tamil (OR) Non-major elective-1 (Yoga for Human Excellence)# / Women's Rights#		2	3	-	50	50	2
Semester IV								
III	Core 6: System Software and Operating System		6	3	25	75	100	4
III	Core 7: Linux and Shell Programming		6	3	25	75	100	4
III	Core Lab 5: Linux and Shell Programming Lab		6	3	40	60	100	4
III	Allied 4: &&		6	3	25	75	100	4

IV	Skill based subject 2 (lab) &&	4	3	30	45	75	3
IV	Tamil @/ Advanced Tamil (OR) Non-major elective-II (General Awareness) #	2	3	-	50	50	2
	Semester V						
III	Core 8: RDBMS & Oracle	6	3	25	75	100	4
III	Core 9: Visual Basic	6	3	25	75	100	4
III	Core Lab 6: Programming Lab – VB & Oracle	6	3	40	60	100	4
III	Elective 1 &&	6	3	25	75	100	4
IV	Skill based Subject 3: &&	6	3	20	55	75	3
	Semester VI						
III	Core 10: Graphics & Multimedia	5	3	25	75	100	4
III	Core 11: Project Work Lab %%	5	3	-	200	200	8
III	Core Lab 7: Programming Lab – Graphics & Multimedia	6	3	40	60	100	4
III	Elective II &&	5	3	25	75	100	4
III	Elective III &&	5	3	25	75	100	4
IV	Skill based Subject 4 (lab) &&	4	3	30	45	75	3
V	Extension Activities	-	-	50	-	50	2
	Total					3500	140

@ No University Examinations. Only Continuous Internal Assessment (CIA)

No Continuous Internal Assessment (CIA). Only University Examinations.

%% see **Guidelines for Project Work.**

Course	BCA
Subject	
Allied-1	Mathematical Structures for Computer Science
Allied-2	Discrete Mathematics
Allied-3	Computer Based Optimization Techniques
Allied-4	Business Accounting
Elective- I	Introduction to Compiler Design / PHP & Scripting Language / Digital Image Processing
Elective- II	Computer Networks / Dot Net programming / Distributed Computing
Elective- III	E-Commerce / Web Services / Software Testing
Skill-1	Web Programming
Skill-2 (lab)	Web Programming Lab
Skill-3	CASE Tools Concepts and Applications
Skill-4 (lab)	CASE Tools Lab

BHARATHIAR UNIVERSITY: COIMBATORE-641 046

B.Sc. CS/IT/CT/SS/MMWT/CSA & BCA

(For the students admitted from the academic year **2018-2019** and onwards)

SCHEME OF EXAMINATION - CBCS PATTERN

Part	Study components	Course Title	Ins. Hrs/week	Examinations				Credit
				Dur. Hrs.	CIA	Ext.Marks	Total Marks	
Semester I								
I	Language – I		6	3	25	75	100	4
II	English – I		6	3	25	75	100	4
III	Core 1: Computing Fundamentals and C Programming		4	3	25	75	100	4
III	Core 2: Digital Fundamentals and Computer Architecture		4	3	25	75	100	4
III	Core Lab 1: Programming Lab – C		3	3	40	60	100	4
III	Allied 1: &&		5	3	25	75	100	4
IV	Environmental Studies #		2	3	-	50	50	2
Semester II								
I	Language – II		6	3	25	75	100	4
II	English – II		6	3	25	75	100	4
III	Core 3: C++ Programming		5	3	25	75	100	4
III	Core Lab 2: Programming Lab – C++		4	3	40	60	100	4
III	Core Lab 3: Internet Basics		2	3	20	30	50	2
III	Allied 2: &&		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
Semester III								
III	Core 4: Data Structures		6	3	25	75	100	4
III	Core 5: Java Programming		6	3	25	75	100	4
III	Core Lab 4: Programming Lab – Java		5	3	40	60	100	4
III	Allied 3: &&		6	3	25	75	100	4
IV	Skill based Subject 1 - &&		5	3	20	55	75	3
IV	Tamil @/ Advanced Tamil (OR) Non-major elective-1 (Yoga for Human Excellence)# / Women's Rights#		2	3	-	50	50	2
Semester IV								
III	Core 6: System Software and Operating System		6	3	25	75	100	4
III	Core 7: Linux and Shell Programming		6	3	25	75	100	4
III	Core Lab 5: Linux and Shell Programming Lab		6	3	40	60	100	4

III	Allied 4: &&	6	3	25	75	100	4
IV	Skill based subject 2 (lab) &&	4	3	30	45	75	3
IV	Tamil @/ Advanced Tamil (OR) Non-major elective-II (General Awareness) #	2	3	-	50	50	2
	Semester V						
III	Core 8: RDBMS & Oracle	6	3	25	75	100	4
III	Core 9: Visual Basic	6	3	25	75	100	4
III	Core Lab 6: Programming Lab – VB & Oracle	6	3	40	60	100	4
III	Elective 1 &&	6	3	25	75	100	4
IV	Skill based Subject 3: &&	6	3	20	55	75	3
	Semester VI						
III	Core 10: Graphics & Multimedia	5	3	25	75	100	4
III	Core 11: Project Work Lab %%	5	3	-	200	200	8
III	Core Lab 7: Programming Lab – Graphics & Multimedia	6	3	40	60	100	4
III	Elective II &&	5	3	25	75	100	4
III	Elective III &&	5	3	25	75	100	4
IV	Skill based Subject 4 (lab) &&	4	3	30	45	75	3
V	Extension Activities	-	-	50	-	50	2
	Total					3500	140

@ No University Examinations. Only Continuous Internal Assessment (CIA)

No Continuous Internal Assessment (CIA). Only University Examinations.

%% see Guidelines for Project Work.

Note:

SKILL BASED SUBJECT- 4 SOFTWARE TESTING LAB for B.Sc.

Computer Science degree course- papers for the candidates admitted during the academic year 2017-18 is also applicable to the students admitted in the academic year 2016-17.

The changes in Allied subjects are furnished below be followed and there is no change in the syllabi of remaining papers

BHARATHIAR UNIVERSITY: COIMBATORE-641 046

B.Sc. CS/IT/CT/SS/MM/CSA & BCA

(For the students admitted from the academic year 2018-2019 and onwards)

SCHEME OF EXAMINATION - CBCS PATTERN

List of Allied, Elective and Skill Based Subjects

Course Subject	BCA
Allied-1	Mathematical Structures for Computer Science
Allied-2	Discrete Mathematics
Allied-3	Computer Based Optimization Techniques
Allied-4	Business Accounting
Elective- I	Introduction to Compiler Design / PHP & Scripting Language / Digital Image Processing
Elective- II	Computer Networks / Dot Net programming / Distributed Computing
Elective- III	E-Commerce / Web Services / Software Testing
Skill-1	Web Programming
Skill-2 (lab)	Web Programming Lab
Skill-3	CASE Tools Concepts and Applications
Skill-4 (lab)	CASE Tools Lab

BHARATHIAR UNIVERSITY: COIMBATORE-641 046

B.Sc. CS/IT/CT/SS/MM/CSA &BCA

(For the students admitted from the academic year 2015-2016 onwards)

SCHEME OF EXAMINATION - CBCS PATTERN

Part	Study Components	Course title	Ins. hrs/ week	Examinations				Credit
				Dur.Hrs	CIA	Marks	Total Marks	
	Semester I							
I	Language – I		6	3	25	75	100	4
II	English – I		6	3	25	75	100	4
III	Core 1: Computing fundamentals and C Programming		4	3	25	75	100	4
III	Core 2: Digital Fundamentals and Architecture		4	3	25	75	100	4
III	Core Lab 1: Programming Lab - C		3	3	40	60	100	4
III	Allied 1: &&		5	3	25	75	100	4
IV	Environmental Studies #		2	3	-	50	50	2
	Semester II							
I	Language – II		6	3	25	75	100	4
II	English – II		6	3	25	75	100	4
III	Core 3: COBOL Programming		5	3	25	75	100	4
III	Core Lab 2: Programming Lab – COBOL		4	3	40	60	100	4
III	Core Lab 3: Programming Lab –Internet Basics		2	3	20	30	50	2
III	Allied 2: &&		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
	Semester III							
III	Core 4: Data Structures		6	3	25	75	100	4
III	Core 5: C++ Programming		6	3	25	75	100	4
III	Core Lab 3: Programming Lab - C++		5	3	40	60	100	4
III	Allied 3: &&		6	3	25	75	100	4
IV	Skill based Subject I – &&		5	3	20	55	75	3
IV	Tamil @ / Advanced Tamil# (OR) Non-major elective-1 (Yoga for Human Excellence)# / Women’s Rights#		2	3	-	50	50	2
	Semester IV							
III	Core 6: System Software and Operating System		6	3	25	75	100	4
III	Core 7: Java Programming		6	3	25	75	100	4

III	Core Lab 5: : Programming Lab - JAVA	6	3	40	60	100	4
III	Allied 4: &&	6	3	25	75	100	4
IV	Skill based Subject 2 –(lab) &&	4	3	30	45	75	3
IV	Tamil @ /Advanced Tamil # (OR) Non-major elective -II (General Awareness #)	2	3	-	50	50	2
	Semester V						
III	Core 8: RDBMS & ORACLE	6	3	25	75	100	4
III	Core 9: Visual Programming – Visual Basic & Visual C++	6	3	25	75	100	4
III	Core Lab 5: Programming Lab. – V.B.,V C++ & ORACLE	6	3	40	60	100	4
	Elective I &&	6	3	25	75	100	4
IV	Skill based Subject 3- &&	6	3	20	55	75	3
	Semester VI						
III	Core 11: Graphics & Multimedia	5	3	25	75	100	4
III	Core 12: Project Work Lab %%	5	3	-	200	200	8
III	Core Lab 6: Programming Lab - Graphics & Multimedia	6	3	40	60	100	4
III	Elective II &&	5	3	25	75	100	4
III	Elective III &&	5	3	25	75	100	4
IV	Skill Based Subject 4 (lab) - &&	4	3	30	45	75	3
V	Extension Activities @	-	-	50	-	50	2
	Total					3500	140

@ No University Examinations. Only Continuous Internal Assessment (CIA)

No Continuous Internal Assessment (CIA). Only University Examinations.

%% see **Guidelines for Project Work.**

Note: The Syllabus for the above papers (except **ALLIED - 4: BUSINESS ACCOUNTING**) be the same as prescribed for the academic year 2014-15. The revised syllabi for the paper Allied 4 **Business Accounting** and **Guidelines for Project Work** are furnished below

GUIDELINES FOR PROJECT WORK

- The aim of the project work is to acquire practical knowledge on the implementation of the programming concepts studied.
- Each student should carry out individually one project work and it may be a work using the software packages that they have learned or the implementation of concepts from the papers studied or implementation of any innovative idea focusing on application oriented concepts.
- The project work should be compulsorily done in the college only under the supervision of the department staff concerned.

Viva Voce

- Viva-Voce will be conducted at the end of the semester by both Internal (Respective Guides) and External Examiners, after duly verifying the **Annexure Report** available in the College, for a total of 200 marks at the last day of the practical session.

Out of 200 marks, 160 marks for project report and 40 marks for Viva Voce.

BHARATHIAR UNIVERSITY: COIMBATORE-641 046

B.Sc. CS/IT/CT/SS/MM/CSA &BCA

(For the students admitted from the academic year 2016-2017 and onwards)

SCHEME OF EXAMINATION - CBCS PATTERN

Part	Study components	Course Title	Ins. Hrs/week	Examinations				Credit
				Dur. Hrs.	CIA	Marks	Total Marks	
Semester I								
I	Language – I		6	3	25	75	100	4
II	English – I		6	3	25	75	100	4
III	Core 1: Computing Fundamentals and C Programming		4	3	25	75	100	4
III	Core 2: Digital Fundamentals and Architecture		4	3	25	75	100	4
III	Core Lab 1: Programming Lab – C		3	3	40	60	100	4
III	Allied 1: &&		5	3	25	75	100	4
IV	Environmental Studies #		2	3	-	50	50	2
Semester II								
I	Language – II		6	3	25	75	100	4
II	English – II		6	3	25	75	100	4
III	Core 3: C++ Programming		5	3	25	75	100	4
III	Core Lab 2: Programming Lab – C++		4	3	40	60	100	4
III	Core Lab 3: Internet Basics		2	3	20	30	50	2
III	Allied 2: &&		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
Semester III								
III	Core 4: Data Structures		6	3	25	75	100	4
III	Core 5: Java Programming		6	3	25	75	100	4
III	Core Lab 4: Programming Lab – Java		5	3	40	60	100	4
III	Allied 3: &&		6	3	25	75	100	4
IV	Skill based Subject 1 - &&		5	3	20	55	75	3
IV	Tamil @/ Advanced Tamil (OR) Non-major elective-1 (Yoga for Human Excellence)# / Women's Rights#		2	3	-	50	50	2
Semester IV								
III	Core 6: System Software and Operating System		6	3	25	75	100	4
III	Core 7: Linux and Shell Programming		6	3	25	75	100	4
III	Core Lab 5: Linux and Shell Programming Lab		6	3	40	60	100	4
III	Allied 4: &&		6	3	25	75	100	4

IV	Skill based subject 2 (lab) &&	4	3	30	45	75	3
IV	Tamil @/ Advanced Tamil (OR) Non-major elective-II (General Awareness) #	2	3	-	50	50	2
	Semester V						
III	Core 8: RDBMS & Oracle	6	3	25	75	100	4
III	Core 9: Visual Basic	6	3	25	75	100	4
III	Core Lab 6: Programming Lab – VB & Oracle	6	3	40	60	100	4
III	Elective 1 &&	6	3	25	75	100	4
IV	Skill based Subject 3: &&	6	3	20	55	75	3
	Semester VI						
III	Core 10: Graphics & Multimedia	5	3	25	75	100	4
III	Core 11: Project Work Lab %%	5	3	-	200	200	8
III	Core Lab 7: Programming Lab – Graphics & Multimedia	6	3	40	60	100	4
III	Elective II &&	5	3	25	75	100	4
III	Elective III &&	5	3	25	75	100	4
IV	Skill based Subject 4 (lab) &&	4	3	30	45	75	3
V	Extension Activities	-	-	50	-	50	2
	Total					3500	140

@ No University Examinations. Only Continuous Internal Assessment (CIA)

No Continuous Internal Assessment (CIA). Only University Examinations.

%% see **Guidelines for Project Work.**

BHARATHIAR UNIVERSITY: COIMBATORE-641 046
B.Sc. CS/IT/CT/SS/MM/CSA &BCA
(For the students admitted from the academic year 2016-2017 and onwards)
SCHEME OF EXAMINATION - CBCS PATTERN

Subject \ Course	B.Sc. COMPUTER SCIENCE
Allied-1	Mathematical Structures for Computer Science
Allied-2	Discrete Mathematics
Allied-3	Computer Based Optimization Techniques
Allied-4	Business Accounting
Elective- I	E-Learning / Computer Networks / Organizational Behavior
Elective- II	Network Security and Cryptography/ Artificial Intelligence and Expert Systems / Web Technology
Elective- III	Data Mining/ Open source software/Mastering LAN & Trouble Shooting
Skill-1	Software Engineering and Software Project Management
Skill-2 (lab)	Software Project Management- Lab
Skill-3	Software Testing
Skill-4 (lab)	Software Testing Lab

BHARATHIAR UNIVERSITY: COIMBATORE-641 046

B.Sc. CS/IT/CT/SS/MMWT/CSA & BCA

(For the students admitted from the academic year **2018-2019** and onwards)

SCHEME OF EXAMINATION - CBCS PATTERN

Part	Study components	Course Title	Ins. Hrs/week	Examinations				Credit
				Dur. Hrs.	CIA	Ext.Marks	Total Marks	
Semester I								
I	Language – I		6	3	25	75	100	4
II	English – I		6	3	25	75	100	4
III	Core 1: Computing Fundamentals and C Programming		4	3	25	75	100	4
III	Core 2: Digital Fundamentals and Computer Architecture		4	3	25	75	100	4
III	Core Lab 1: Programming Lab – C		3	3	40	60	100	4
III	Allied 1: &&		5	3	25	75	100	4
IV	Environmental Studies #		2	3	-	50	50	2
Semester II								
I	Language – II		6	3	25	75	100	4
II	English – II		6	3	25	75	100	4
III	Core 3: C++ Programming		5	3	25	75	100	4
III	Core Lab 2: Programming Lab – C++		4	3	40	60	100	4
III	Core Lab 3: Internet Basics		2	3	20	30	50	2
III	Allied 2: &&		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
Semester III								
III	Core 4: Data Structures		6	3	25	75	100	4
III	Core 5: Java Programming		6	3	25	75	100	4
III	Core Lab 4: Programming Lab – Java		5	3	40	60	100	4
III	Allied 3: &&		6	3	25	75	100	4
IV	Skill based Subject 1 - &&		5	3	20	55	75	3
IV	Tamil @/ Advanced Tamil (OR) Non-major elective-1 (Yoga for Human Excellence)# / Women's Rights#		2	3	-	50	50	2
Semester IV								
III	Core 6: System Software and Operating System		6	3	25	75	100	4
III	Core 7: Linux and Shell Programming		6	3	25	75	100	4
III	Core Lab 5: Linux and Shell Programming Lab		6	3	40	60	100	4

III	Allied 4: &&	6	3	25	75	100	4
IV	Skill based subject 2 (lab) &&	4	3	30	45	75	3
IV	Tamil @/ Advanced Tamil (OR) Non-major elective-II (General Awareness) #	2	3	-	50	50	2
	Semester V						
III	Core 8: RDBMS & Oracle	6	3	25	75	100	4
III	Core 9: Visual Basic	6	3	25	75	100	4
III	Core Lab 6: Programming Lab – VB & Oracle	6	3	40	60	100	4
III	Elective 1 &&	6	3	25	75	100	4
IV	Skill based Subject 3: &&	6	3	20	55	75	3
	Semester VI						
III	Core 10: Graphics & Multimedia	5	3	25	75	100	4
III	Core 11: Project Work Lab %%	5	3	-	200	200	8
III	Core Lab 7: Programming Lab – Graphics & Multimedia	6	3	40	60	100	4
III	Elective II &&	5	3	25	75	100	4
III	Elective III &&	5	3	25	75	100	4
IV	Skill based Subject 4 (lab) &&	4	3	30	45	75	3
V	Extension Activities	-	-	50	-	50	2
	Total					3500	140

@ No University Examinations. Only Continuous Internal Assessment (CIA)

No Continuous Internal Assessment (CIA). Only University Examinations.

%% see Guidelines for Project Work.

Note:

SKILL BASED SUBJECT- 4 SOFTWARE TESTING LAB for B.Sc.

Computer Science degree course- papers for the candidates admitted during the academic year 2017-18 is also applicable to the students admitted in the academic year 2016-17.

The changes in Allied subjects are furnished below be followed and there is no change in the syllabi of remaining papers

BHARATHIAR UNIVERSITY: COIMBATORE-641 046

B.Sc. CS/IT/CT/SS/MM/CSA &BCA

(For the students admitted from the academic year 2018-2019 and onwards)

SCHEME OF EXAMINATION - CBCS PATTERN

List of Allied, Elective and Skill Based Subjects

Subject \ Course	B.Sc. COMPUTER SCIENCE
Allied-1	Mathematical Structures for Computer Science
Allied-2	Discrete Mathematics
Allied-3	Computer Based Optimization Techniques
Allied-4	Business Accounting
Elective- I	E-Learning / Computer Networks / Organizational Behavior
Elective- II	Network Security and Cryptography/ Artificial Intelligence and Expert Systems / Web Technology
Elective- III	Data Mining/ Open source software/Mastering LAN & Trouble Shooting
Skill-1	Software Engineering and Software Project Management
Skill-2 (lab)	Software Project Management- Lab
Skill-3	Software Testing
Skill-4 (lab)	Software Testing Lab

BHARATHIAR UNIVERSITY: COIMBATORE-641 046

B.Sc. CS/IT/CT/SS/MMWT/CSA & BCA

(For the students admitted from the academic year **2018-2019** and onwards)

SCHEME OF EXAMINATION - CBCS PATTERN

Part	Study components	Course Title	Ins. Hrs/week	Examinations				Credit
				Dur. Hrs.	CIA	Ext.Marks	Total Marks	
Semester I								
I	Language – I		6	3	25	75	100	4
II	English – I		6	3	25	75	100	4
III	Core 1: Computing Fundamentals and C Programming		4	3	25	75	100	4
III	Core 2: Digital Fundamentals and Computer Architecture		4	3	25	75	100	4
III	Core Lab 1: Programming Lab – C		3	3	40	60	100	4
III	Allied 1: &&		5	3	25	75	100	4
IV	Environmental Studies #		2	3	-	50	50	2
Semester II								
I	Language – II		6	3	25	75	100	4
II	English – II		6	3	25	75	100	4
III	Core 3: C++ Programming		5	3	25	75	100	4
III	Core Lab 2: Programming Lab – C++		4	3	40	60	100	4
III	Core Lab 3: Internet Basics		2	3	20	30	50	2
III	Allied 2: &&		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
Semester III								
III	Core 4: Data Structures		6	3	25	75	100	4
III	Core 5: Java Programming		6	3	25	75	100	4
III	Core Lab 4: Programming Lab – Java		5	3	40	60	100	4
III	Allied 3: &&		6	3	25	75	100	4
IV	Skill based Subject 1 - &&		5	3	20	55	75	3
IV	Tamil @/ Advanced Tamil (OR) Non-major elective-1 (Yoga for Human Excellence)# / Women's Rights#		2	3	-	50	50	2
Semester IV								
III	Core 6: System Software and Operating System		6	3	25	75	100	4
III	Core 7: Linux and Shell Programming		6	3	25	75	100	4
III	Core Lab 5: Linux and Shell Programming Lab		6	3	40	60	100	4

III	Allied 4: &&	6	3	25	75	100	4
IV	Skill based subject 2 (lab) &&	4	3	30	45	75	3
IV	Tamil @/ Advanced Tamil (OR) Non-major elective-II (General Awareness) #	2	3	-	50	50	2
Semester V							
III	Core 8: RDBMS & Oracle	6	3	25	75	100	4
III	Core 9: Visual Basic	6	3	25	75	100	4
III	Core Lab 6: Programming Lab – VB & Oracle	6	3	40	60	100	4
III	Elective 1 &&	6	3	25	75	100	4
IV	Skill based Subject 3: &&	6	3	20	55	75	3
Semester VI							
III	Core 10: Graphics & Multimedia	5	3	25	75	100	4
III	Core 11: Project Work Lab %%	5	3	-	200	200	8
III	Core Lab 7: Programming Lab – Graphics & Multimedia	6	3	40	60	100	4
III	Elective II &&	5	3	25	75	100	4
III	Elective III &&	5	3	25	75	100	4
IV	Skill based Subject 4 (lab) &&	4	3	30	45	75	3
V	Extension Activities	-	-	50	-	50	2
Total						3500	140

@ No University Examinations. Only Continuous Internal Assessment (CIA)

No Continuous Internal Assessment (CIA). Only University Examinations.

%% see Guidelines for Project Work.

Note:

SKILL BASED SUBJECT- 4 SOFTWARE TESTING LAB for B.Sc.

Computer Science degree course- papers for the candidates admitted during the academic year 2017-18 is also applicable to the students admitted in the academic year 2016-17.

The changes in Allied subjects are furnished below be followed and there is no change in the syllabi of remaining papers

BHARATHIAR UNIVERSITY: COIMBATORE-641 046

B.Sc. CS/IT/CT/SS/MM/CSA &BCA

(For the students admitted from the academic year 2018-2019 and onwards)

SCHEME OF EXAMINATION - CBCS PATTERN

List of Allied, Elective and Skill Based Subjects

Course Subject	B.Sc. INFORMATION TECHNOLOGY
Allied-1	Mathematical Structures for Computer Science
Allied-2	Discrete Mathematics
Allied-3	Microprocessor & ALP
Allied-4	Mastering LAN and Trouble Shooting
Elective- I	Soft Computing / Animation Techniques / Business Intelligence
Elective- II	Network Security and Administration/ Mobile Computing / Internet Programming
Elective- III	E-Learning / Component Technology / E-Commerce
Skill-1	Introduction to web design & Applications
Skill-2 (lab)	HTML, XML and JavaScript Lab
Skill-3	Dot Net Programming
Skill-4 (lab)	Dot Net Lab

BHARATHIAR UNIVERSITY,COIMBATORE-641 046

M.Com - Finance & Control

(For the students admitted during the academic year 2016-2017 and onwards)

SCHEME OF EXAMINATIONS : CBCS Pattern

Study Components	Course Title	Ins. hrs / week	Examinations				Credits
			Dur.Hrs	CIA	Marks	Total	
Semester I							
	Financial Markets and Institutions	7	3	25	75	100	4
	Managerial Economics	7	3	25	75	100	4
	Financial Accounting	7	3	25	75	100	4
	Management Information System	6	3	25	75	100	4
	Elective-I :	3	3	25	75	100	4
Semester-II							
	Corporate Accounting	6	3	25	75	100	4
	Applied Cost Accounting	5	3	25	75	100	4
	Business Research Methods	6	3	25	75	100	4
	Financial Services	5	3	25	75	100	4
	Computer Applications: MS Office & Internet -Practical-I	5	3	40	60	100	4
	Elective-II :	3	3	25	75	100	4
Semester-III							
	Management Accounting	7	3	25	75	100	4
	Financial Management	7	3	25	75	100	4
	Security Analysis and Portfolio Management	7	3	25	75	100	4
	Computer Applications: Tally - Practical-II	6	3	40	60	100	4
	Institutional Training (Report 40 marks and Viva 10 mks.	-	-	50	-	50	2
	Elective III :	3	3	25	75	100	4
Semester-IV							
	International Financial Management	6	3	25	75	100	4
	Derivatives and Risk Management	6	3	25	75	100	4
	Direct Taxes and VAT	6	3	25	75	100	4
	Project Work & Viva-Voce (Project-160 & Viva-40) (OR) In lieu of Project work, the following two papers may be opted.	10		-	-	200	8
	1. Principles and Practice of Insurance	5	3	(25)	(75)	(100)	(4)
	2. Industrial Law	5	3	(25)	(75)	(100)	(4)
	Elective IV :	3	3	25	75	100	4
TOTAL						2250	90

IV Semester :

1. Project Work and Viva-voce examination will be optional for the colleges. They can either opt for project or 2 theory papers in the IV semester which are given as below:

1. Principles and Practice of Insurance 2. Industrial Law

- a. If Project is opted by the college 200 marks with 8 credits will be awarded. The break-up of marks will be as follows: project work 160 marks (80%) and Viva Voce exam 40 marks(20%).**

External Examiners will be appointed by the University for conducting the viva-voce exam along with the concerned internal examiner.

Monthly review of the project work has to be conducted by the guide along with the head of the department for a systematic progress of the work.

- b. If the theory papers are opted instead of project work, the marks and credits will be given as other core papers i.e., CIA – 25 marks and semester exam-75 marks.**

BHARATHIAR UNIVERSITY,COIMBATORE-641 046

M.Com - Finance & Control

(For the students admitted from the academic year 2017-2018 onwards)

SCHEME OF EXAMINATIONS: CBCS Pattern

Study Components	Course Title	Ins. hrs / week	Examinations				Credits
			Dur.Hrs	CIA	Marks	Total	
Semester I							
	Financial Markets and Institutions	7	3	25	75	100	4
	Managerial Economics	7	3	25	75	100	4
	Financial Accounting	7	3	25	75	100	4
	Management Information System	6	3	25	75	100	4
	Elective-I :	3	3	25	75	100	4
Semester-II							
	Corporate Accounting	6	3	25	75	100	4
	Applied Cost Accounting	5	3	25	75	100	4
	Business Research Methods	6	3	25	75	100	4
	Financial Services	5	3	25	75	100	4
	Computer Applications: MS Office & Internet -Practical-I	5	3	40	60	100	4
	Elective-II :	3	3	25	75	100	4
Semester-III							
	Management Accounting	7	3	25	75	100	4
	Financial Management	7	3	25	75	100	4
	Security Analysis and Portfolio Management	7	3	25	75	100	4
	Computer Applications: Tally - Practical-II	6	3	40	60	100	4
	Institutional Training (Report 40 marks and Viva 10 mks.	-	-	50	-	50	2
	Elective III :	3	3	25	75	100	4
Semester-IV							
	International Financial Management	6	3	25	75	100	4
	Derivatives and Risk Management	6	3	25	75	100	4
	Direct Taxes and VAT	6	3	25	75	100	4
	Project Work & Viva-Voce (OR) In lieu of Project work, the following two papers may be opted	10			200 (160 Marks –Project and 40 Marks Viva-Voce)	200	8
	1. Principles and Practice of Insurance	5	3	(25)	(75)	(100)	(4)
	2. Industrial Law	5	3	(25)	(75)	(100)	(4)
	Elective IV :	3	3	25	75	100	4
	TOTAL					2250	90

IV Semester :

1. Project Work and Viva-voce examination will be optional for the colleges. They can either opt for project or 2 theory papers in the IV semester which are given as below:

1. Principles and Practice of Insurance 2. Industrial Law

a. If Project is opted by the college 200 marks with 8 credits will be awarded. The break-up of marks will be as follows: project work 160 marks (80%) and Viva Voce exam 40 marks(20%).

External Examiners will be appointed by the University for conducting the viva-voce exam along with the concerned internal examiner.

Monthly review of the project work has to be conducted by the guide along with the head of the department for a systematic progress of the work.

b. If the theory papers are opted instead of project work, the marks and credits will be given as other core papers i.e., CIA – 25 marks and semester exam-75 marks.

BHARATHIAR UNIVERSITY, COIMBATORE-641 046

M.Com. (Master of Commerce)

(For the students admitted from the academic year 2018-2019 and onwards)

SCHEME OF EXAMINATIONS : CBCS Pattern

Study Components	Course Title	Ins. hrs / week	Examinations				Credit
			Dur.Hrs	CIA	Marks	Total	
Semester I							
	Managerial Economics	6	3	25	75	100	4
	Corporate Accounting	7	3	25	75	100	4
	Information Technology in Business	6	3	25	75	100	4
	Marketing Management	6	3	25	75	100	4
	Elective-I :	5	3	25	75	100	4
Semester-II							
	Business Research Methods	5	3	25	75	100	4
	Business Environment	5	3	25	75	100	4
	Applied Cost Accounting	5	3	25	75	100	4
	Human Resource Management	5	3	25	75	100	4
	Computer Applications: MS Office & Internet - Practical-I	6	3	40	60	100	4
	Elective-II :	4	3	25	75	100	4
Semester-III							
	Direct Taxes	5	3	25	75	100	4
	Management Accounting	5	3	25	75	100	4
	Financial Management	5	3	25	75	100	4
	Internet & E-commerce	5	3	25	75	100	4
	Computer Applications: Tally - Practical-II	6	3	40	60	100	4
	Institutional Training (Report 40 marks and Viva 10 mks.)	-	-	50	-	50	2
	Elective-III :	4	3	25	75	100	4
Semester-IV							
	Investment Management	7	3	25	75	100	4
	International Business	6	3	25	75	100	4
	Project Work & Viva-Voce (OR) In lieu of Project work, the following two papers may be opted.	12			200 (160 Marks – Project and 40 Marks Viva-Voce)	200	8
	1. Principles and Practice of Insurance	6	3	(25)	(75)	(100)	(4)
	2. Industrial Law	6	3	(25)	(75)	(100)	(4)
	Elective-IV :	5	3	25	75	100	4
TOTAL						2250	90

IV Semester :

1. Project Work and Viva-voce examination will be optional for the colleges. They can either opt for project or 2 theory papers in the IV semester which are given as below:

1. Principles and Practice of Insurance 2. Industrial Law

a. If Project is opted by the college 200 marks with 8 credits will be awarded. The break-up of marks will be as follows: project work 160 marks (80%) and Viva Voce exam 40 marks(20%).

External Examiners will be appointed by the University for conducting the viva-voce exam along with the concerned internal examiner.

Monthly review of the project work has to be conducted by the guide along with the head of the department for a systematic progress of the work.

b. If the theory papers are opted instead of project work, the marks and credits will be given as other core papers i.e., CIA – 25 marks and semester exam-75 marks.

BHARATHIAR UNIVERSITY, COIMBATORE.

M. Sc. COMPUTER SCIENCE (Affiliated Colleges)
(Effective for the candidates admitted from the academic Year 2015-2016)

SCHEME OF EXAMINATIONS – CBCS PATTERN

Sem.	Study Components	Course title	Ins. hrs/ week	Exam				Credit
				Dur.	CIA	Mark	Total Mark	
Semester I								
	Paper I Analysis & Design of Algorithms		5	3	25	75	100	4
	Paper II Object Oriented Analysis and Design & C++		5	3	25	75	100	4
	Paper III Advanced Networks		5	3	25	75	100	4
	Paper IV Advanced Software Engineering		5	3	25	75	100	4
	Practical I Algorithm and OOPS Lab		5	3	40	60	100	4
	Practical II Software Testing Lab		5	3	40	60	100	4
II	Paper V Data Mining and Warehousing		4	3	25	75	100	4
	Paper VI Advanced Operating Systems		4	3	25	75	100	4
	Paper VII Internet and Java Programming		4	3	25	75	100	4
	Paper VIII Artificial Intelligence & Expert Systems		4	3	25	75	100	4
	Elective – I		4	3	25	75	100	4
	Practical III Advanced Concept of Internet & Java Programming Lab		5	3	40	60	100	4
	Practical IV Data Mining using R		5	3	40	60	100	4
III	Paper IX Digital Image Processing		4	3	25	75	100	4
	Paper X Advanced Tools in Computing		4	3	25	75	100	4
	Paper XI Network Security and Cryptography		4	3	25	75	100	4
	Paper XII Business Intelligence		4	3	25	75	100	4
	Elective – II		4	3	25	75	100	4
	Practical V Advanced Tools in Computing Lab		5	3	40	60	100	4
	Practical VI Digital Image processing using matlab		5	3	40	60	100	4
IV	Project work and Viva voce						250*	10
	Total						2250	90

* Project report - 200 marks; Viva-voce – 50 marks

ELECTIVE – I.

Multimedia and its Applications
Embedded Systems
Open source systems

ELECTIVE – II

Mobile Computing
2.2.Cloud computing
2.3.Web Services

BHARATHIAR UNIVERSITY, COIMBATORE.

M. Sc. COMPUTER SCIENCE (Affiliated Colleges)

(Effective for the candidates admitted from the academic Year 2018-2019 & onwards)

REVISED SCHEME OF EXAMINATIONS – CBCS PATTERN

Sem.	Study Components	Course title	Ins. hrs/ week	Exam				Credit
				Dur.	CIA	Marks	Total Marks	
I	Paper I Analysis & Design of Algorithms		5	3	25	75	100	4
	Paper II Object Oriented Analysis and Design & C++		5	3	25	75	100	4
	Paper III Advanced Networks		5	3	25	75	100	4
	Paper IV Advanced Software Engineering		5	3	25	75	100	4
	Practical I Algorithm and OOPS Lab		5	3	40	60	100	4
	Practical II Software Testing Lab		5	3	40	60	100	4
II	Paper V Data Mining and Warehousing		4	3	25	75	100	4
	Paper VI Advanced Operating Systems		4	3	25	75	100	4
	Paper VII Advanced Java Programming		4	3	25	75	100	4
	Paper VIII Artificial Intelligence & Expert Systems		4	3	25	75	100	4
	Elective – I		4	3	25	75	100	4
	Practical III Advanced Java Programming Lab		5	3	40	60	100	4
	Practical IV Data Mining using R		5	3	40	60	100	4
III	Paper IX Digital Image Processing		4	3	25	75	100	4
	Paper X Python Programming		4	3	25	75	100	4
	Paper XI Network Security and Cryptography		4	3	25	75	100	4
	Paper XII Business Intelligence		4	3	25	75	100	4
	Elective – II		4	3	25	75	100	4
	Practical V Python Programming Lab		4	3	40	60	100	4
	Practical VI Digital Image processing using matlab		4	3	40	60	100	4
	Practical VII Web Designing Lab		2	3	20	30	50	2
IV	Project work and Viva voce						200*	8
	Total						2250	90

* Project report - 160 marks; Viva-voce – 40 mark