

UNIVERSITY OF JAMMU, JAMMU

Syllabus of Bachelor of Computer Applications (BCA) (Semester System)

For the semester examinations to be held in the year 2014 onwards.

1. BCA programme

The Bachelor of Computer Application (B.C.A.) shall be a 3-years undergraduate programme spread over **six** semesters (semester-I – VI). Each semester shall have a minimum of 90 working days. A candidate admitted to the BCA programme will be required to pass the entire programme within six years from the year of admission to the programme.

2. Eligibility:

Candidates seeking admission to the first year (1st semester) of BCA programme must have passed **10+2 examination with mathematics** and must have secured atleast 50% marks in case of General Category and 45% marks in case of SC/ST categories.

3. Programme Structure: The BCA programme shall be a six semester programme spread over three years. The semester-wise distribution of the courses to be taught in each year shall be as:-

Semester-wise Course Distribution:-

Semester – I

Paper Code	Paper Name	No. of Contact hours	Max. Marks		Total
			External Exam.	Internal Assessment	
*	General English	*	*	*	*
**	Mathematics	**	**	**	**
BCA-101	Computer Fundamentals	40	60	15	75
BCA-102	Problem solving using C-language	40	60	15	75
BCA-103	Practicals (Based on BCA-101, 102)	100	50	50	100
Total		***	***	***	***

Semester – II

Paper Code	Paper Name	No. of Contact hours	Max. Marks		Total
			External Exam.	Internal Assessment	
*	General English	*	*	*	*
**	Mathematics	**	**	**	**
BCA-201	Data and File Structures using C-language	40	60	15	75
BCA-202	Fundamentals of Digital Electronics	40	60	15	75
BCA-203	Practicals (Based on BCA-201, 202)	100	50	50	100
Total		***	***	***	***

Semester – III

Paper Code	Paper Name	No. of Contact hours	Max. Marks		Total
			External Exam.	Internal Assessment	
*	General English	*	*	*	*
**	Mathematics	**	**	**	**
BCA-301	Fundamentals of Operating System	40	60	15	75
BCA-302	Database Management System	40	60	15	75
BCA-303	Practicals (Based on BCA-301, 302)	100	50	50	100
Total		***	***	***	***

Semester – IV

Paper Code	Paper Name	No. of Contact hours	Max. Marks		Total
			External Exam.	Internal Assessment	
*	General English	*	*	*	*
**	Mathematics	**	**	**	**
BCA-401	Computer Networks and Internet	40	60	15	75
BCA-402	Computer Graphics	40	60	15	75
BCA-403	Practicals (Based on BCA-401, 402)	100	50	50	100
Total		***	***	***	***

Semester – V

Paper Code	Paper Name	No. of Contact hours	Max. Marks		Total
			External Exam.	Internal Assessment	
*	General English	*	*	*	*
**	General Mathematics	**	**	**	**
BCA-501	System Analysis and Design	40	60	15	75
BCA-502	VB.Net	40	60	15	75
BCA-503	Practicals (Based on BCA-501, 502)	100	50	50	100
Total		***	***	***	***

Semester – VI

Paper Code	Paper Name	No. of Contact hours	Max. Marks		Total
			External Exam.	Internal Assessment	
*	General English	*	*	*	*
**	General Mathematics	**	**	**	**
BCA-601	Project Work	300	300	100	400
Total		***	***	***	***

* Paper code and other details for a course on General English shall be the same as offered for other undergraduate programmes.

** Paper code and other details for a course on Mathematics shall be the same as offered for other undergraduate programmes.

*** Total Marks in each semester shall be worked out as per allocations made to the courses on General English and Mathematics.

4. Instructions for paper setter for courses with BCA codes

The examination in each paper shall be of 3 hours duration. There shall be a total of nine questions of 12 marks each and the candidate has to answer five questions selecting one question from each unit. Question No.1 shall be a compulsory question.

The guidelines for paper setting are given below as:

- a. Q. No. 1 will be a compulsory question and shall consist of 4 sub-parts (each of 3 marks) distributed over the entire syllabus.
- b. The paper setter shall set other eight questions selecting two from each unit.

DETAILED SYLLABUS

Course No.: BCA-101

Duration of Examination: 3 Hrs

TITLE: COMPUTER FUNDAMENTALS

Total Marks = 75

No. of Credits = 4

Semester Exam. = 60

Int. Assessment = 15

Unit I

History of Computer, Generations and Types (Analog Digital and Hybrid), Characteristics, applications, Benefits and limitations. CPU, Memory: Primary (RAM, ROM, PROM, EPROM, EEPROM), Secondary (Hard Disk, Optical disk, blue ray disk, pen drives), I/O Devices.

10 Hrs

Unit II

Number System: Decimal Number System, Binary Number System, Octal Number System, Hexadecimal Number system. 1's Compliment and 2's Compliment. Conversion from one number system to another. Binary Arithmetic: Addition, subtraction, multiplication and division.

Software and its types, Computer languages and its types, Compiler, Interpreter, Assembler, Linker Loader.

10 Hrs

Unit III

Operating system and its functions. Types of Operating System (single user, multi user, time sharing, multitasking, multiprocessing and distributed). Windows Fundamentals: Anatomy of Windows, Desktop elements, managing files and folders, Installing Softwares.

Word processing and its features, spell check, Grammar Check, Thesaurus, Auto complete, text formatting, Importing and exporting files, Graphics, Tables, Templates and Wizards, Mail Merge, Macros.

10 Hrs

Unit IV

Spreadsheet and its features, Entering information in worksheet, Editing cell entry , Moving and Copying data, deleting and insertion cells, rows , columns, custom numeric formats. Working with Formulas and Cell Referencing, Absolute and relative addressing. Functions, Creating Charts, Filters: Auto and Advanced, Creating and using Macros.

Presentation software and its uses, Steps to create power point presentation, Power point views , Inserting pictures/images, Inserting Audio/ video clips, Animating slides etc.

10 Hrs

Suggested Readings:

1. P.K Sinha & Priti Sinha, Computer Fundamentals, BPB Publications.
2. Alexix Leon, Mathewes Leon, Fundamentals of Information Technology,
3. Suresh K. Basandra, Computer Systems Today, Galgotia Publications.
4. V. Rajaraman, Fundamentals of Computers,EEE.
5. Peter Nortan, Introduction to Computers, Tata Mcgraw Hill
6. Joyce Coax , Joan Preppernau,,Steve Lambert and Curtis Frye,2007 Microsoft Office System step by step, Microsoft Press
7. R.K. Taxali, PC Software for Windows

Instructions for paper setter for courses with BCA codes

The examination in each paper shall be of 3 hours duration. There shall be a total of nine questions of 12 marks each and the candidate has to answer five questions selecting one question from each unit. Question No.1 shall be a compulsory question.

The guidelines for paper setting are given below as:

- a. Q. No. 1 will be a compulsory question and shall consist of 4 sub-parts (each of 3 marks) distributed over the entire syllabus.
- b. The paper setter shall set other eight questions selecting two from each unit.

TITLE: PROBLEM SOLVING USING C-LANGUAGE

Total Marks = 75

No. of Credits = 4

Semester Exam.= 60

Int. Assessment = 15

UNIT-I

Problem solving, Algorithm, flow chart, coding, compilation and debugging
History of C language, Structure of C program, compiling, and running a C program,
Errors: syntax, linker and logical errors.

Character set of C language, identifiers, keywords, data types, variables, constants,
expressions. Operators: Mathematical, Unary, Binary, Relational and Logical
operators, Operator precedence and associativity.

10 Hrs

UNIT-II

Conditional Control statements: if statement, if else statement, nested if statement, if
else if ladder and Ternary operator, Switch case statement, GOTO statement.

Looping control Statements: While loop, Do while Loop, For loop, Nested loops etc.

10 Hrs

UNIT-III

Functions: Definition, Prototypes, Types of Function, Scope, Call by Value.

Storage classes in C, Preprocessors, Macros.

Arrays (Single and double dimensional): Definition, Declaration, Accessing, Bound
Checking, Passing to function.

Strings: Definition, Declaration, Accessing, Passing to function, Standard Library
functions.

10 Hrs

UNIT-IV

Arrays and Pointers: Accessing single dimensional array using Pointers, Accessing
2D array using Pointers, Passing arrays to functions with pointers.

Structures & Unions: Declaring, Initializing and Accessing structures, Passing
structures to functions, Array of Structures, Nested Structures, Unions initialization
and accessing the members of a union.

10 Hrs

Suggested Readings:

1. Gottfried. B, Theory and problems of Programming with C Language, Tata Mc Graw Hill.
2. Kenneth. A, C Problem Solving and Programming, PHI.
3. Dan Gookin, C Programming, Wiley Dreamtech.
4. Y. P. Kanetkar, Understanding Pointers In C, BPB Publications.
5. H.M. Deitel and P.J. Deitel, C How to Program, PHI.

Instructions for paper setter for courses with BCA codes

The examination in each paper shall be of 3 hours duration. There shall be a total of nine questions of 12 marks each and the candidate has to answer five questions selecting one question from each unit. Question No.1 shall be a compulsory question.

The guidelines for paper setting are given below as:

- a. Q. No. 1 will be a compulsory question and shall consist of 4 sub-parts (each of 3 marks) distributed over the entire syllabus.
- b. The paper setter shall set other eight questions selecting two from each unit.

Course No.: BCA-103

Duration of the Examination: 3 Hrs

TITLE: PRACTICALS (BASED ON BCA-101 AND BCA 102)

No. of Credits = 6

Total Marks = 100

In this course the students shall be exposed to various practical problems based on courses BCA-101 and BCA-102. The Teacher-in-Charge shall design 30-40 problems based on these courses. The students shall be required to systematically work out the solution of those problems and implement using relevant tool in the computer laboratory. The 50% of the total marks in this paper shall be reserved for internal assessment. The Teacher-in-Charge shall conduct atleast two internal evaluation tests for awarding the students for internal assessment. The students shall also be required to maintain proper record of their practicals in a Practical File which shall be regularly checked by the concerned teacher-in-charge. The internal assessment shall be based on regular tests, practical file and attendance in the laboratory. For the rest of 50% of the total marks there shall be an external examination which shall be conducted jointly by an internal examiner and an external examiner to be appointed by the University. The distribution of marks to various components is given below as:-

External Examination = 50 marks

Internal Examination = 50 marks

- Regular Tests = 30 marks
- Practical File = 10 marks
- Attendance = 10 marks

TITLE: DATA AND FILE STRUCTURES USING C-LANGUAGE

No. of Credits = 4

Total Marks = 75

Semester Exam. = 60

Int. Assessment = 15

UNIT - I

Introduction and Classifications of Data Structures. Data Structure operations. Time and space complexity of algorithms. Rate of Growth: Big O Notation.

Arrays, concept of Stacks and Queues and their implementation using arrays, Recursion
10 Hrs

UNIT - II

Pointers in C, Dynamic Memory Allocation. Self-referential structures, Linked list, Type of Lists, Applications.

Trees, Binary Trees, Binary Tree Traversal, Binary Search Trees.

10 Hrs

UNIT - III

Sorting : Internal and External Sorts, Bubble Sort, Insertion Sort, Selection Sort, Quick Sort

Searching: Liner Search & Binary Search.

Time and space complexity of sorting & search algorithms.

10 Hrs

UNIT - IV

File Structures:

Concepts of fields, records and files. Files: File Organization, Sequential Files, Structure, Operations, Disadvantages, Areas of use, Direct File Organization, Indexed Sequential File Organization and text files, Hashing techniques for direct files.

10 Hrs

Suggested Readings:

- 1) Data Structures - Seymour Lipschutz (Schaum's Outlines)
- 2) Data Structure and File Using C - Abhay Abhyankar.
- 3) Fundamental of Data Structure in C - Sahani.
- 4) Data Structure Using C - Radhakrishanan and Shrivastav.

Instructions for paper setter for courses with BCA codes

The examination in each paper shall be of 3 hours duration. There shall be a total of nine questions of 12 marks each and the candidate has to answer five questions selecting one question from each unit. Question No.1 shall be a compulsory question.

The guidelines for paper setting are given below as:

- a. Q. No. 1 will be a compulsory question and shall consist of 4 sub-parts (each of 3 marks) distributed over the entire syllabus.
- b. The paper setter shall set other eight questions selecting two from each unit.

TITLE: FUNDAMENTALS OF DIGITAL ELECTRONICS

No. of Credits = 4

Total Marks = 75

Semester Exam. = 60

Int. Assessment = 15

UNIT - I

Overview of computers, Integer & floating point representation using IEEE FORMAT, Rules of Floating point Arithmetic, parity, Error detection and correction methods using Hamming technique, ASCII code representation, Number systems & their inter - conversion rules, Rules of addition/subtraction for r 's, $(r - 1)$'s complements.

10 Hrs

UNIT - II

Logic gates, And, OR, NOT, NAND, XOR, NOR, XNOR Gates & their design. Boolean Algebra: Binary arithmetic, Boolean Expressions, Laws of Boolean Algebra, De-Morgan laws, K - map, simplification of Boolean Expressions using SOP, POS, K - map techniques.

10 Hrs

UNIT - III

Combinational circuits: Half & Full adders & subtractors, parallel adders and subtractors.

Encoder, decoder, Multiplexer, De - Multiplexer, code converters.

Sequential circuits: Flip-flop and its types, registers and their types, & bi - directional register.

10 Hrs

UNIT - IV

Memory organization: Memory Hierarchy, Memory, its types (RAM/ROM), characteristics of memory, memory address map to CPU, cache memory. I/O devices FD/HD disks, VDU; I/O organization: Modes of I/O transfer like DMA, programmed control, interrupts technique.

Interrupt & instruction: Interrupt, its types & its life cycle, instruction life cycle.

10 Hrs

Suggested Readings:

1. Gear, C.W., Computer Organization and Programming McGraw - Hill, 1975.
2. Tannenbaum, A.S., Structured Computer Organization Prentice - Hall of India.
3. Mano, M.M., Computer System Architecture, Prentice - Hall, of India, 1983.
4. Langholz, G., Grancioni, J. and Kandel, A.: Elements of Computer Organization, Prentice - Hall International, 1988.
5. Assembler Manual for the chosen machine.
6. Hayes, Computer Architecture and Organization, McGraw - Hill International Edition.
7. Sloan, M.E., Computer Hardware and Organization, 2nd Edn, Galgotia publ., Pvt. Ltd.
8. Floyd: Digital Fundamentals, 3rd edn, Universal bookstall, and pvt.ltd
9. R. K Gaur, Digital Electronics and microprocessor - Dhantpat Rai pub.

Instructions for paper setter for courses with BCA codes

The examination in each paper shall be of 3 hours duration. There shall be a total of nine questions of 12 marks each and the candidate has to answer five questions selecting one question from each unit. Question No.1 shall be a compulsory question.

The guidelines for paper setting are given below as:

- a. Q. No. 1 will be a compulsory question and shall consist of 4 sub-parts (each of 3 marks) distributed over the entire syllabus.
- b. The paper setter shall set other eight questions selecting two from each unit.

-X-

TITLE: PRACTICALS (BASED ON BCA-201 AND BCA 202)**No. of Credits = 6****Total Marks = 100**

In this course the students shall be exposed to various practical problems based on courses BCA-201 and BCA-202. The Teacher-in-Charge shall design 30-40 problems based on these courses. The students shall be required to systematically work out the solution of those problems and implement using relevant tool in the computer laboratory. The 50% of the total marks in this paper shall be reserved for internal assessment. The Teacher-in-Charge shall conduct atleast two internal evaluation tests for awarding the students for internal assessment. The students shall also be required to maintain proper record of their practicals in a Practical File which shall be regularly checked by the concerned teacher-in-charge. The internal assessment shall be based on regular tests, practical file and attendance in the laboratory. For the rest of 50% of the total marks there shall be an external examination which shall be conducted jointly by an internal examiner and an external examiner to be appointed by the University. The distribution of marks to various components is given below as:-

External Examination = 50 marks**Internal Examination = 50 marks**

- Regular Tests = 30 marks
- Practical File = 10 marks
- Attendance = 10 marks

Applied Mathematics

Semester-I

Title of the Course: Basic Mathematics

Semester Examination: 80 Marks

Sessional Assessment: 20 Marks

This is a basic course in Mathematics. The main purpose of this course is to make a sound

background of the students so that they can take some advanced courses including application-oriented

courses in Mathematical Sciences. The pre-requisite for this course is a good knowledge

of High School Mathematics.

Unit-I Mathematical logic and set theory

Mathematical logic, Mathematical Sentences, Logical connectives (negation, conjunction,

disjunction, implication and bi-implication) and their truth tables. Converse, inverse and

contrapositive of statements. Tautology and contradiction, Equivalence of statements.

Universal and existential quantifiers, Demorgan Laws, Exercises and examples based on these

concepts. Sets, types of sets, family of sets, power set of the set. Venn Diagram, operation on

sets (union, intersection, complement and symmetric difference of sets) and their properties.

Demorgan Laws and their generalizations. Exercises and examples based on these concepts.

(13 lectures)

Unit-II Vectors in IR

Definition of a Vector, Equality of vectors, types of vectors, algebra of vectors, components of a vector. Linearly dependent and linearly independent vectors. Dot product and

cross product of two vectors. Exercises and examples based on these concepts.

(12 lectures)

Unit-III Permutations and combinations

Fundamental principle of counting, the factorial notation, permutation and combination.

Meaning of $P(n, r)$ and $C(n, r)$. Simple applications of permutations and combinations, Principle

of Mathematical induction, Binomial theorem for rational index (statement only) and its simple

applications, sequences and series, calculation of n th terms and sum of A.P, G.P. and H.P. series.

Exercises and examples based on these concepts. (12 lectures)

Unit-IV Trigonometry

Review of Basic trigonometric functions with the help of unit circle, Periodic functions, periodicity of trigonometric functions. Trigonometric functions of sum, difference, multiples and submultiples of angles. Conditional identities for angles of triangles. Graphs of trigonometric functions. Solutions of trigonometric equations (like $\sin x = \sin$ etc.). Sine and cosine formulae for triangles. Inverse trigonometric functions. Exercises and examples based on these concepts.

(12 lectures)

Unit-V Matrices and Determinants

Concept of a matrix, types of matrices, adjoint and inverse of a matrix. Solution of a system of equations in 2 or 3 variables using inverse of a matrix. Determinants. Properties of determinants.

Applications of determinants in solving system of equations upto three variables having unique solutions. Exercises and examples based on these concepts.

(13 lectures)

Text Books:

1. Mathematics, Text Book for class XI published by NCERT.
2. Mathematics, Text Book for class XII published by NCERT.

Suggested Readings

Vector Algebra by Shanti Naryan.

NOTE:

1. Each lecture will be of one hour duration.
2. The question paper will contain two questions from each unit (total questions ten) and the candidates will be required to answer one question from each unit. Total questions to be attempted will be five i.e. there will be internal choice within each unit.

Semester-II

Title of the Course: Co-ordinate Geometry and Calculus

Semester Examination: 80 Marks

Sessional Assessment: 20 Marks

This course is an introduction to the Geometry of the plane and the Calculus. It introduces the

fundamental concepts which will enable the students to pursue careers of their choice. The prerequisite

for this course is sound knowledge of High School Mathematics.

Unit-I Co-ordinate Geometry

Distance formula, section formula, locus of a point, Area of a triangle. Equation of straight lines

in various forms: Slope-intercept form, the point slope form, two point form, intercepts form,

normal form and general form. Angle between two lines, conditions of perpendicularity and

parallelism. Distance of a point from a straight line. Circle, Definition and equation of circle in

various forms. Exercises and examples based on these concepts.

(13 lectures)

Unit-II Relations and functions

Concept of an ordered pair, Cartesian product of sets, Relation, Domain and Range of a relation,

various types of relations, equivalence relation, Inverse of a relation, composition of two

relations, partition of a set, Equivalence class. Fundamental theorem on Equivalence relation

(without proof).

Definition of a function (in terms of a relation), various types of function. Graph of a function,

composition of functions, inverse of a function. Exercises and examples based on these concepts.

(12 lectures)

Unit-III Limit, Continuity and Differentiability

Limit of a function, left hand and right hand limits. Basic properties of limits. Infinite limits.

Continuous and discontinuous functions and their examples, operations on continuous functions.

Definition of a Derivative. Derivative as rate of change. Derivative of some standard functions

{ $(ax+b)$, a , e , $\log x$, trigonometric functions, inverse trigonometric functions} by first principle. Exercises and examples based on these concepts. (12 lectures)

Unit-IV Successive Differentiability

Successive derivative, n th derivative of some standard functions, Leibnitz Theorem and its

applications. Increasing and decreasing functions, maxima and minima and their simple

applications. Exercises and examples based on these concepts.

(13 lectures)

Unit-V Integration

Integral as anti-derivative. Integration of some standard functions. Integration by substitution,

Integration by parts. Integration through partial fractions. Fundamental Theorem of Integral

Calculus (statement only), concept of definite integral, Fundamental properties of definite

integral. Exercises and examples based on these concepts.

(12 lectures)

TEXT BOOKS:

1. Mathematics, Text Book for class XI published by NCERT.

2. Mathematics, Text Book for class XII published by NCERT.

3. The elements of Co-ordinate Geometry by S.L. Loney London MacMillan Co Ltd New York

St. Martin's Press.

SUGGESTED READINGS

1. Differential calculus by Shanti Naryan.

2. Differential calculus by Dr. A. Aziz, S.D. Chopra and M.L. Kochar.

3. Co-ordinate Geometry by M.L. Kochar.

4. Text book of differential calculus by Prof. Khalil Ahmad published by Anamaya Publishers

New Delhi 2004.

NOTE:

1. Each lecture will be of one hour duration.
2. The question paper will contain two questions from each unit (total questions ten) and the candidates will be required to answer one question from each unit. Total questions to be attempted will be five i.e. there will be internal choice within each unit.

English

Semester-I

Subject: General English Total Marks: 100

Duration of Exam: 3hrs Semester End Examination: 80

Internal Assessment: 20

Unit-I: Prose

- Francis Bacon: Of Studies
- Charles Lamb: Poor Relations
- ShashiTharoor: Freedom of the Press
- Abdul Kalam: Wings of Fire

Unit-II: Poetry

- Rabindranath Tagore- Leave this Chanting.
- Rudyard Kipling- *If*.
- William Wordsworth: The World is too Much With Us
- Karan Singh: Adventurer

Unit-III: Short Stories

- O' Henry: The Last Leaf
- MunshiPremchand: Child
- Khetrapal: *Cheta* (in translation)

Unit-IV: Reading, Writing and Speaking Skills

- Comprehension of unseen passage.
- Consonant and Vowel Sounds

Unit-V: Applied Grammar

- Subject – Verb Agreement
- Antonym & Synonym

Mode of Examination

Section-A

This section will cover units I to III and will have three long answer type questions for 10 marks

each with internal choice. The prescribed word limit will be 250-300 words.

Section-B

This section will cover units I and II and will have five short answer question. The candidate will

be required to attempt any three. Each question will be for 6 marks and the prescribed word limit

will be 60-80 words.

Section-C

This section will have two questions of 16 marks each.

The first question will have two parts. The first would deal with comprehension of unseen passage

and will carry 10 Marks.

The second part will examine the candidate's knowledge of consonant and vowel sounds and

monosyllabic words from within the unseen passage through indentifying the sounds of the

underline alphabets of the word and carry 6 marks. The examiner will give 10 words out of which

6 are to be solved.

The second question will also have two parts and will be set from the prescribed text book. The first part will have 15 sentences on subject and verb agreement out of which 10 are to be attempted. This will carry 10 marks. The second part will have 10 questions on Antonym and Synonym out of which 6 are to be attempted. This will carry 6 marks.

Semester-II

Subject: General English Total Marks: 100

Duration of Exam: 3hrs Semester End Examination: 80

Internal Assessment: 20

Objective: The objective of this paper is to further the comprehension, reading, writing & speaking skills of the students through the exercises in language & literature. The listening skills

will be developed & assessed in the class by the teacher.

Unit-I: Prose

- J C Hill: Good Manners
- Joseph Addison: Sir Roger at the Theatre
- M.K. Gandhi: Playing The English Gentleman
- VinobhaBhave: The Task of Education

Unit-II: Poetry

- William Shakespeare: My Mistress's Eyes are nothing Like the sun
- Emily Dickinson: Success is Counted Sweetest
- John Keats: Ode to Autumn
- LalDed: Vakh No. 118-121 (RanjitHoskote's Translation)*

Unit-III: Tales from Shakespeare

- Charles and Mary Lamb: Midsummer Night's Dream

Unit- IV: Reading, Writing & Speaking Skills

- a. Paragraph Writing
- b. Syllables and word stress, Disyllabic and Tri-syllabic words

Unit-V: Applied Grammar

- a. Tenses (Subject-verb agreement)
- b. Word formation (e.g. noun to verb, adjective, adverb etc.)

Mode of Examination

Section-A

This section will cover units I to III and will have three long answer type questions for 10 marks

each with internal choice. The prescribed word limit will be 250-300 words.

Section-B

This section will cover units I and II and will have five short answer questions. The candidates will

be required to attempt any three. Each question will be for 6 marks and the prescribed word limit

will be 60-80 words.

Section-C

This section will have two questions of 16 marks each.

The first question will have two parts.

In the first part outline of a passage with internal choice will be given which is to be developed by

the students into a meaningful paragraph of 100 words. This will carry 10 marks.

The second part will examine the candidate's knowledge of sounds Syllables and word stress, and

Disyllabic and Tri-syllabic words by indentifying the sounds of the underline alphabets of the word and carry 6 marks. The examiner will give 10 words out of which 6 are to be solved. The second question will also have two parts and will be set from the prescribed text book. A running passage will be given with 10 blanks, each having a verb in brackets. Candidates will have to use the appropriate tense form of the given word. This will carry 10 marks. The second part will have 10 Words for the formation of words (e.g. noun to verb, adjective, adverb etc.) out of

which 6 are to be attempted. This will carry 6 marks.