

**SARDAR PATEL UNIVERSITY**  
**Course: BCA – 101 : Communication Skills in English**  
**Effective from :June 2003**

No. of Credit : 2

No. of Lectures per week: 2

External Marks: 60

Internal Marks : 30

Total Marks :90

University exam duration 2 hours.

<b>Unit-I</b>	<p><b><u>Reading</u></b></p> <ul style="list-style-type: none"> <li>- Presentation of Good Posture</li> <li>- Butterflies in Jeopardy</li> <li>- The Family Group: The Extended and the Nuclear Family</li> <li>- Diseases of Civilisation</li> <li>- The Housefly</li> <li>- The Living World</li> <li>- Reasoning of Animals</li> <li>- The Organisation of Social Life</li> <li>- Animal Language</li> <li>- The Relative influence of Heredity and Environment</li> <li>- Temperature Regulation</li> <li>- General Objectives of the United Nations Organisation</li> <li>- A Child, A Home – and Love</li> <li>- The Handicapped: Hidden no longer</li> </ul>
<b>Unit-II</b>	<p><b><u>Writing – 1</u></b></p> <ul style="list-style-type: none"> <li>- Prefixes/Suffices</li> <li>- Phrasal verbs &amp; Idioms</li> <li>- Synonyms and antonyms</li> <li>- One word substitutes</li> <li>- Registers</li> </ul>
<b>Unit-III</b>	<p><b><u>Writing – 2</u></b></p> <ul style="list-style-type: none"> <li>- Paragraphs, developing points/ideas</li> <li>- Formal and Informal Letters (applications, invitations etc)</li> </ul>
<b>Unit-IV</b>	<p><b><u>Writing – 3</u></b></p> <p>- Answering questions, Summary, Notes based on the prescribed text:  <b>“Corridors to Communication.”</b></p>

**Books Prescribed**

1. David Jolly: Writing Tasks: AN authentic task approach to individual writing needs, Cambridge: Cambridge University Press. 1988
2. Champa Tickoo and Jaya Sasikumar: Writing with a Purpose, Chennai: Oxford Univeristy Press. 2000
3. Ranu Vanikar: “Corridors to Commumnication”, Hyderabad Orient  
 Longman. 1984 (Only Ten Units)

**SARDAR PATEL UNIVERSITY**  
**Course: BCA – 102 : Computer Organization**  
**Effective from :June 2003(Revised 2006)**

No. of Credit : 3

No. of Lectures per week: 3

External Marks: 80

Internal Marks : 40

Total Marks :120

<b>Unit-I</b>	<p><b>Introduction to Number Systems:</b>  Introduction to number systems</p> <ul style="list-style-type: none"> <li>• Binary</li> <li>• Octal</li> <li>• Decimal</li> <li>• Hexadecimal</li> </ul> <p>Conversions:</p> <ul style="list-style-type: none"> <li>• Binary</li> <li>• Octal</li> <li>• Hexadecimal</li> </ul> <p>Arithmetic(Addition, Subtraction)  Radix Complement method  Radix-1 complement method  Character Codes (ASCII, EBCDIC, BCD)  Representation of Numbers: (Integer)</p> <ul style="list-style-type: none"> <li>• Signed Magnitude</li> <li>• 1's Complement,</li> <li>• 2's Complement,</li> <li>• Excess notation</li> </ul> <p>Error Detection and Correction codes  Parity bit method  Hemming code method</p>
<b>Unit-II</b>	<p><b>Basic Gates, Multiplexer, Flip-Flop, Decode, Encoder</b>  Logic Gates:</p> <ul style="list-style-type: none"> <li>• AND, OR, NOT</li> <li>• NAND, NOR, XOR</li> </ul> <p><b>Multiplexers</b></p> <ul style="list-style-type: none"> <li>• 8 to 1 multiplexer</li> <li>• 16 to 1 multiplexer, Nibble multiplexer</li> </ul> <p><b>Demultiplexers</b></p> <ul style="list-style-type: none"> <li>• 1 to 8 demultiplexer</li> <li>• 1 to 16 demultiplexer</li> </ul> <p><b>Decoders</b></p> <ul style="list-style-type: none"> <li>• 1 of 16 decoder</li> <li>• BCD to decimal Decoder</li> <li>• Seven segment Decoders</li> </ul> <p><b>Encoders</b>  Decimal to BCD Encoder  Half Adder, Full Adder  Half Subtractor, Full Subtractor  Binary Adder  2's Complement Adder and Subtractor</p> <p><b>Flip-Flops</b></p> <ul style="list-style-type: none"> <li>• RS Flip Flop : NOR and NAND Latch</li> <li>• D latch with time diagram</li> </ul>

<b>Unit-III</b>	<p><b>Processor: Functions and components</b>  Instruction Execution cycle  CPU Organization: Data path of a atypical Von-Neumann machine  Functioning of a processor of hypothetical computer  Parelle Instruction Exection,  Categories of Parallel Machines  Array Processors, Multi- functioning units  Pipeline Machines  Multiprocessors  Immediate Addressing, Direct Addressing  Register Addressing, Indirect Addressing  Indexing, Stack Addressing</p>
<b>Unit-IV</b>	<p><b>SAP-1 Architecture</b>  SAP-1 Architecture  Instruction Set: LDA, ADD,SUB, OUT,HLT  Programming SAP-1, Fetch Cycle, Execution Cycle  MChine and Instruction cycle, SAP-1 Micro program  Microprogramming</p>
<b>Unit-V</b>	<p><b>Overview of I/O and Memory devices</b>  Overview of I/O Devices</p> <ul style="list-style-type: none"> <li>• Hard disk</li> <li>• Floppy disk</li> <li>• CD ROM (Introduction, Advantages and Disadvantages)</li> <li>• Introduction to RAM,ROM,PROM,EPROM,EEPROM)</li> </ul> <p>Printers:</p> <ul style="list-style-type: none"> <li>• Dot Matrix (Fig. On page 69 Ref . Book – 1)</li> <li>• Inkjet</li> <li>• Laser-jet (Fig. on page 105 Ref. Book-2)</li> </ul> <p>VDU, Mouse,Keyboard  Scanner  Plotter  OCR (MICR, Barcode Reader)</p>
<b>Unit- VI</b>	<p><b>Operating System</b>  Introduction to Operating System  Functions Operating System  Introduction to various types of OS:  Time Sharing  Real Time  Distributed Systems  Disk Operating System (DOS) – Functions  Internal DOS Commands:  Dir, Date, Prompt(\$p\$g). Copy, Del, Ren, Cd, Md, Rd  External DOS Commands:  Chkdsk, Scandisk, Format, Move, More, Attrib  Windows Operating System (Win- 98)  Introduction  Working with Windows  Operations on Files and Folders</p>

**REFERENCE BOOKS:**

1. Structured Computer Organization, 3<sup>rd</sup> edition: A.S.Tanenbaum
2. Introduction to computers and communication: D. Ravichandran
3. Fundamentals of Computers, 3<sup>rd</sup> edition: V. Rajaram
4. Computer Fundamentals: P. K. Sinha
5. Digital Computer Electronics: 3<sup>rd</sup> edition: Marvino Brown
6. Digital Principles and Applications, 4<sup>th</sup> edition: Malvino and Leach.

**SARDAR PATEL UNIVERSITY**  
**Course: BCA – 103 : Discrete Mathematics**  
**Effective from :June 2003**

No. of Credit : 3

No. of Lectures per week: 3

External Marks: 80

Internal Marks : 40

Total Marks :120

University exam duration 3 hours.

<b>Unit-I</b>	<b><u>Sets</u></b> Set operations, Algebra of sets, Finite sets and counting principle, Classes of sets, Power sets, Mathematical induction, Symmetric difference, Functions, Composition of functions, One-to-One, onto and invertible functions, Recursively defined functions, Cardinality and cardinal numbers
<b>Unit-II</b>	<b><u>Vectors and Matrices</u></b> Vectors in $\mathbb{R}^n$ , Dot product and norm, Matrix addition and scalar multiplication, Matrix multiplication, Transpose of a matrix, Square matrices, Invertible matrices, Special types of square matrices – diagonal, upper and lower triangular, Symmetric, Skew symmetric Orthogonal matrices: Determinants of order up to three and Cramer's rule
<b>Unit-III</b>	<b><u>Algebraic System</u></b> Operations and semi groups, Groups and subgroups, Group homomorphism, Rings, Integral domains, Fields, Polynomials over a field
<b>Unit-IV</b>	<b><u>Graph Theory</u></b> Graph and multigraph, Degree of a vertex, Pathsm Connectivity Subgraphs, Connected componenets, Cut points, Bridges, Traversable multigraphs, Matrices and graphs
<b>Unit-V</b>	<b><u>Planar Graphs and Trees</u></b> Planar graphs, Maps and regions, Euler's Formula, Nonplaner graphs, Coloured graphs, Colours and maps, trees
<b>Unit-VI</b>	<b><u>Combinatorial Analysis</u></b> Counting principle, Binomial coefficients, Permutations and combinations, Ordered and unordered partitions, Tree diagram

**Reference Books:**

1. S. Lipshutz and Marc Lars Lipson : Discrete – Mathematics, Schaum's series (International edition 1992).
2. Vinay Kumar : Discrete Mathematics : (BPB Publication First edition – 2002)

**SARDAR PATEL UNIVERSITY**  
**Course: BCA – 104 : Introduction to Programming in C**  
**Effective from :June 2003**

No. of Credit : 3

No. of Lectures per week: 3

External Marks: 80

Internal Marks : 40

Total Marks :120

University exam duration 3 hours.

<b>Unit-I</b>	<b><u>Concept of Algorithm and Flow Chart Development</u></b> <ul style="list-style-type: none"> <li>- Requirement (Needs) of Algorithm and flow chart, definition</li> <li>- Symbols used to draw flow chart</li> <li>- Typical (Primitive) examples of flow chart and algorithms</li> </ul>
<b>Unit-II</b>	<b><u>Language Fundamental</u></b> <ul style="list-style-type: none"> <li>- Generation of computer languages</li> <li>- High – Low level languages</li> <li>- Translator, Machine Language</li> <li>- Editors and detail about any one of the editor (T.C)</li> </ul>
<b>Unit-III</b>	<b><u>Logic Development</u></b> <ul style="list-style-type: none"> <li>- Problem Analysis</li> <li>- Variables, Expressions and its manipulation</li> <li>- Data types in High level language</li> <li>- Operators used for calculation</li> <li>- I/O statements, Assignment statement</li> </ul>
<b>Unit-IV</b>	<b><u>Structured Programming and Advance Computing</u></b> <ul style="list-style-type: none"> <li>- Control Strategies, Condition and Loop Statements IF...ELSE structure, SWITCH structure FOR loop, WHILE loop, DO...WHILE loop</li> <li>- Method of Structured Programming, Subroutines Functions and procedures</li> </ul>
<b>Unit-V</b>	<b><u>Complex Data Types</u></b> <ul style="list-style-type: none"> <li>- Arrays</li> <li>- String Handling</li> <li>- Structure</li> <li>- Union</li> </ul>
<b>Unit-VI</b>	<b><u>Pointers</u></b> <ul style="list-style-type: none"> <li>- Introduction to Pointers Pointer to Array, Pointer to Structure, Pointer to function, Pointer to structure array, Pointer to Pointer, Pointer Arithmetic, Array of pointers, Pointers and Recursion (Factorial, Fibonacci Series)</li> <li>- Storage Memory Malloc, calloc, alloc, realloc, free</li> <li>- Storage Classes Auto, static, register, extern</li> </ul>

**Reference Books:**

1. E Balagurusamy : Programming in Ansi C, TMH, 2<sup>nd</sup> Edition
2. Yashwant Kanetkar : Understanding Pointers in C, BPB, 3<sup>rd</sup> Edition
3. Mulish Cooper : The Spirit of C, Jaico Pub. House, 19<sup>th</sup> Edition-1999

**SARDAR PATEL UNIVERSITY**  
**Course: BCA – 105 : Database Management System**  
**Effective from :June 2003**

No. of Credit : 3

No. of Lectures per week: 3

External Marks: 80

Internal Marks : 40

Total Marks :120

University exam duration 3 hours.

<b>Unit-I</b>	<p><b><u>Database Management System</u></b></p> <ul style="list-style-type: none"> <li>- Basic Concepts</li> <li>- Data, Information, Field, Record, Database File, Database, DBMS, Primary Key, Foreign key</li> <li>- Drawbacks of Traditional File</li> <li>- Advantages and Disadvantages of DBMS</li> <li>- Components of DBMS</li> <li>- Structure of DBMS</li> <li>- Database Life Cycle</li> </ul>
<b>Unit-II</b>	<p><b><u>Data Models</u></b></p> <ul style="list-style-type: none"> <li>- Data Models</li> <li>- E-R Modeling</li> <li>- Entity, Attribute, Relationship &amp; Types, Mapping Cardinality, Membership Class of the entity type, Rules of drawing ER Model</li> <li>- Relational Data Model : Concept, Example, Advantages, Disadvantages</li> <li>- Normalization : 1NF, 2NF, 3NF</li> </ul>
<b>Unit-III</b>	<p><b><u>Database Management System (Foxpro)</u></b></p> <ul style="list-style-type: none"> <li>- Creation of Database file</li> <li>- Listing contents of Database file</li> <li>- Searching for information</li> <li>- Editing data</li> <li>- Replacing data</li> <li>- Deleting Data</li> <li>- Modify structure of Database file</li> <li>- Utility Commands :COPY to &lt;file&gt;, APPEND From&lt;file&gt;</li> <li>- Mathematical Commands</li> </ul>
<b>Unit-IV</b>	<p><b><u>Programming &amp; Built in Functions</u></b></p> <ul style="list-style-type: none"> <li>- Creation, Execution &amp; Modification of Command files</li> <li>- Decision Making and loops</li> <li>- Sorting and indexing</li> </ul>
<b>Unit-V</b>	<p><b><u>Built in Functions</u></b></p> <ul style="list-style-type: none"> <li>- Mathematical, String, Date &amp; Time Functions</li> <li>- Setting Environmental Commands</li> </ul>
<b>Unit-VI</b>	<p><b><u>Advanced Features</u></b></p> <ul style="list-style-type: none"> <li>- Procedure Files</li> <li>- Arrays</li> <li>- Menu Creation</li> <li>- Handling &amp; Linking Multiple Database Files:</li> <li>- Reports and Labels</li> </ul>

**Reference Books:**

1. Desai Bipin C :An Introduction to Database Systems, West Publishing Co. 1990
2. R.K.Taxali :Programming in Foxpro 2.5, BPB Publication
3. Henson & Henson : Database Management and Design

**SARDAR PATEL UNIVERSITY**  
**Course: BCA – 106 : Computer Application in Business**  
**Effective from :June 2003**

No. of Credit : 3

No. of Lectures per week: 3

External Marks: 80

Internal Marks : 40

Total Marks :120

University exam duration 3 hours.

<b>Unit-I</b>	<p><b><u>Introduction to Word processor, Spreadsheet and presentation tools.</u></b></p> <ul style="list-style-type: none"> <li>- PC Software classification</li> <li>- Usage of word processor, spreadsheet and power point</li> <li>- Formatting of text and paragraph</li> <li>- Mail merge features</li> <li>- Tables: Creation, cells split and merge, functions :-sum,avg,min,max</li> <li>- Options of print window</li> <li>- Types of views for power point</li> </ul>
<b>Unit-II</b>	<p><b><u>Advance Spreadsheet features</u></b></p> <ul style="list-style-type: none"> <li>- Formatting of rows/columns</li> <li>- Hide, unhide, delete, insert, copy, paste, resize.</li> <li>- Functions : syntax and meaning of : Avg, count, max, min, sum, product, power, int, round, trunk.</li> <li>- String:- Len, upper, lower, mid</li> <li>- Logical :-If, and, or , not</li> <li>- A/C :-FV,PV,DB,DDBPMT, RATE</li> <li>- Macro facilities and charts</li> <li>- Intro. To pivot table and protection for sheet and book security on file level</li> </ul>
<b>Unit-III</b>	<p><b><u>Introduction to Business Application</u></b></p> <ul style="list-style-type: none"> <li>- Meaning and objectives of Bookkeeping and Accountancy</li> <li>- Accounting terminologies</li> <li>- Types of transactions : cash, credit and exchange</li> <li>- Principle of Double Entry</li> <li>- Types of Accounts :Personal, Real and Nominal</li> <li>- Rules for Debit and Credit</li> <li>- Accounting Concepts ad Conventions</li> </ul>
<b>Unit-IV</b>	<p><b><u>Accounting process</u></b></p> <ul style="list-style-type: none"> <li>- Journal</li> <li>- Subdivision of Journal : Purchase Book, Sales Book, Returns Book, And Three Columnar Cash Book.</li> <li>- Ledger Posting</li> <li>- Trial balance : Meaning, Purposes, Format and Examples</li> </ul>
<b>Unit-V</b>	<p><b><u>Final Accounts and Depreciation Accounting</u></b></p> <p><b>(A) Final Accounts of Sole Traders including</b></p> <ul style="list-style-type: none"> <li>- Trading Account</li> <li>- Profit and Loss Account</li> <li>- Balance Sheet</li> <li>- Adjustment entries for closing stock, depreciation, outstanding expenses, prepaid expenses, accrued income, incomereceived in advance, bad debts and bad debts reserve only.</li> <li>- Format of company Balance Sheet in Horizontal from excluding examples</li> </ul> <p><b>(B) Depreciation Accounting: Concepts, Methods : Straight Line Method, Reducing Balance Method, Sum of the years Digits Method.</b></p>
<b>Unit-IV</b>	<p><b><u>Inventory, Sales and Distribution</u></b></p> <p><b>(A) Inventory :Meaning of Inventory , Economic Order Quantity (EOQ)</b></p>

	<p>System, Re-Order Quantity System, Inventory Levels :Ordering Level/Re-Order Level, Minimum Level, Maximum Level, Average Stock level, Inventory Valuation Methods : Average, Weighted Average, LIFO, FIFO.(Theory Only)</p> <p>(B) Sales and Distribution: Meaning, importance and channels of distribution.</p> <p>Demonstration of any accounting software.</p>
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**Reference Books:**

1. Naheshgware S. N. : Introduction to Accounting, Vikas Pub. House 1986.
2. R.L. Gupta : Principles and practices of accounting
3. Rana & Dalal : Advances Accounting and Auditing :III Sudhir Prakashan Ahmedabad.
4. J.C.Gandhi :Marketing : A managerial Introduction Tata McGraw Hill Publishing CO. Ltd. New Delhi



**SARDAR PATEL UNIVERSITY**  
**Course: BCA – 107 : Practical Based on BCA-104**  
**Effective from :June 2003**

No. of Credit : 3

No. of Lectures per week: 6

External Marks: 80

Internal Marks : 40

Total Marks :120

University exam duration 3 hours.

**These are the sample definitions:**

**Draw flow chart & C programs for the following:**

1. To prepare a cup of tea.
2. To open a Bank Account.
3. To purchase a railway ticket for Bombay (from Anand)
4. To find maximum from the given 3 numbers.
5. To find simple interest.
6. To read three sides of a triangle and print whether it will form a triangle or not
7. To find the solution of a quadratic equation.
8. To find out N! (Factorial of N)
9. To find out minimum from N numbers.
10. To find whether given number is prime or not.
11. To print the N terms of Fibonacci series (i.e. 1,1,2,3,5,8,11...)
12. To read a number & check whether it is a palindrome or not.
13. To find out value of  ${}^N C_R$ .

**To find the sum of the following series :**

14. Sum = 1+3+5+7...up to N terms.
15. Sum = 5-10+15-20+25... up to N terms.
16. Sum = 1+1+2+3+5+8+13...up to N terms.
17. Sum =  $1^2+2^2+3^2+4^2+5^2$ ...up to N terms.
18. Sum=  $1!+2!+3!+4!$ ...up to N terms.
19. To read marks of three subjects and find the percentage of it. Also , print the appropriate class. Here,  
If percentage <40 then class is “pass”  
If  $40 \leq$  percentage < 48 then class is “pass”  
If  $48 \leq$ percentage <60 then class is “second”  
Else class is “first”  
To find the value of Sum for the following
20. SUM =  $X + X/2! + X/3! + X/4!$ ...up to N terms.
21. Sum =  $1 - \frac{1}{2} + \frac{1}{3} - \frac{1}{4} + \frac{1}{5}$ ... up to N terms.
22. To find the sum of the digits in a given positive numbers.
23. To input a time as a number of seconds after midpoint  
And Outputs as hours: minutes: seconds, For example, if the input were 50000 the output should be 13:53:20.
24. To read the price of one dozen bananas and calculate  
And print the total cost of N bananas.
25. To read a number and find whether it is divisible by two or not.
26. To accept a positive integer and check whether it is One digit, two digit or three digit otherwise print appropriate message.

**SARDAR PATEL UNIVERSITY**  
**Course: BCA – 108 : Practical Based on BCA 105**  
**Effective from :June 2003**

No. of Credit : 3

No. of Lectures per week: 6

External Marks: 80

Internal Marks : 40

Total Marks :120

University exam duration 3 hours.

**The following are the sample definitions:**

1. Create a database for salesman which contains information such as salesman number, name gender, region, sales date, number of quantity sold, price, etc. Find:
  - a) Information of sales persons who has sold more than 200 quantities.
  - b) Information of female sales persons who are working in North.
  - c) Region wise sales report
  - d) Month wise sales report.
  
2. Create a database for a farmer which contains information such as farmer's name, land size, crop, live stock, Milk production etc. Find a)
  - Information of farmers who have more than 300 acres of land.
  - b) Information of farmers who grow particular crop.
  - c) Information of farmers who have more than 100 acres land and more than 2 animals.
  - d) Milk Production Report.
  - e) Crop wise report.
  
3. Create a database for panchayat of a village containing information for each family in the village such as number of female members, male members, children, educated members, earning members, race and religion, occupation etc. Find.
  - a) Information of families having more than 3 children.
  - b) For a particular region, give information of families earning more than Rs. 25 per day.
  - c) Report on occupation, male, female, children.
  
4. Applications such as Payroll, Baking , Inventory, transportation System, Examination System, Monitoring System, Hospital System etc.

**SARDAR PATEL UNIVERSITY**  
**Course: BCA – 109 : Practical Based on BCA-106**  
**Effective from :June 2003**

No. of Credit : 2

No. of Lectures per week: 4

External Marks: 60

Internal Marks : 30

Total Marks :90

University exam duration 2 hours.

**The following are the sample definitions :**

**1. MS-WORD**

- Creating the documents with Special effects like underline, bold, different size, different font, different color etc.
- Find and Replace operations like cut, paste, copy, clipboard.
- Inserting Date & Time , Pictures, Bullets & Numbering etc.
- Paragraphs, bullets, indentation, etc. Formatting features.
- Printing the documents, it includes paper size, margins, header and footer, page no. etc.
- Creating a Table.
- Mail merge , spell check, draw table.
- Template.

**2. MS-POWERPOINT**

- Creating a presentation
- Inserting/Deleting Slides
- Different slides
- Editing slides
- Formatting slides
- Slide transition & adding special effects.
- Inserting sound, picture, chart, organization chart.

**3. MS-EXCEL**

- Creating Worksheets
- Printing, Inserting, Deleting, Copying, Moving Worksheets.
- Formulas, built in functions
- Graph – Plotting facilities
- Database Management System
- Using externally created data files.
- What – if analysis
- Formatting cells, worksheets etc.
- Custom Controls
- Protection Facility
- Pivot tables
- Macro Facility

**SARDAR PATEL UNIVERSITY**  
**Course: BCA – 110 : Practicals based on BCA-101**  
**Effective from :June 2003**

No. of Credit : 2

No. of Lectures per week: 4

External Marks: 60

Internal Marks : 30

Total Marks :90

University exam duration 2 hours.

<b><u>Unit-I</u></b>	<b><u>Listening – 1</u></b> <ul style="list-style-type: none"> <li>- Short lectures, descriptions, narrations, rapid talks, passages read aloud and/or dictated</li> <li>- Conversations based on familiar situations.</li> </ul>
<b><u>Unit-II</u></b>	<b><u>Listening – 2</u></b> <ul style="list-style-type: none"> <li>- Identify language functions</li> <li>- Take and make notes from audio and video Cassettes and CDs.</li> </ul>
<b><u>Unit-III</u></b>	<b><u>Speaking – 1</u></b> <ul style="list-style-type: none"> <li>- Use greetings and formulae in everyday conversation.</li> <li>- Use various notions and functions (invitations, offering advice and apologies, agreement or disagreement etc)</li> <li>- Use grammatically correct and appropriate structures.</li> <li>- Use appropriate, related registers (See List-5 in the Appendix)</li> <li>- Participate in conversations in familiar situations, and on telephone.</li> </ul>
<b><u>Unit-IV</u></b>	<b><u>Speaking – 2</u></b> <ul style="list-style-type: none"> <li>- Give short formal and informal talks</li> <li>- Speeches</li> <li>- Participate in Group Discussions.</li> </ul>

**Teaching aids Prescribed:**

- Person to Person – a BBC Video Course. Teachers may use other courses as per their needs but testing will be based on this Course.
- K James, R Jordan, A J Matthews(1987), Listening Comprehension and Note-Taking Course (with an audio cassette), Collins Study Skills in English Series, London: Collins.

**Books Recommended**

- Grant Taylor : English Conversation Practice, New Delhi: TMH.
- V Sasikumar and P V Dhamija : Spoken English : A Self – Learning Guide to Conversation Practice (Audio), New Delhi: TMH.

**Testing :Division of Marks**

<b><u>BCA-110 : Communication Skills in English (Practical)</u></b>	<b><u>60 Marks</u></b>
1. Listening Comprehension	15 Marks
2. Dictation	05 Marks
3. Note Taking. Making	15 Marks
4. Reading Aloud	10 Marks
5. Speaking on topics set	05 Marks
6. Diary Writing ( in Journal)	10 Marks