PARUL UNIVERSITY - Faculty of IT & Computer Science

Department of CDC

SYLLABUS FOR 3rd Sem B.Sc. (IT), BCA, IMCA, IMCA (A.Y.-IV) PROGRAMME

Communication & Programming Skills (05193202)

Type of Course: B.Sc. (IT), BCA, IMCA, IMCA (A.Y.-IV)

Prerequisite: Should be able to solve placement level aptitude questions

Rationale: Cracking aptitude is the first step towards cracking placements

Teaching and Examination Scheme:

Teaching Scheme			Credit	Examination Scheme					Total
Lect Hrs/ Week	Tut Hrs/ Week	Lab Hrs/ Week		External		Internal			
				T	P	T	CE	P	
1	1	0	2	0	0	0	100	0	100

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical

Contents:

Sr.	Topic	Weightage	Teaching Hrs.
1	**Articles, Prepositions and Interrogatives:**	5%	3
2	**Listening-Skill Building IL16-01W:**	2%	1
3	**Clocks, Calendars, Direction sense and Cubes:**	3%	3
4	**Listening-Skill Building IL16-02W:**	2%	1
5	**Data arrangements and Blood relations:**	5%	3
6	**Listening-Skill Building IL16-03W:**	3%	1
7	**Data Interpretation, Data Sufficiency:**	3%	3
8	**Speaking-Skill Building IS 16-01W:**	2%	1
9	**C - Programming - Part 1:**	3%	2
10	**Speaking-Skill Building IS 16-02W:**	2%	1
11	**C - Programming - Part 2:**	2%	2
12	**Speaking-Skill Building IS 16-03W:**	5%	1
13	**C worksheets:**	5%	2
14	**Paragraph Completion Worksheet:**	5%	1
15	**C++ Programming - Part 1:**	2%	2
16	**Paragraph Jumble Worksheet:**	5%	1

17	**C++ Programming - Part 2**:	3%	2
18	**Reading Comprehension Worksheet**:	5%	1
19	**C++ Worksheets**:	5%	2
20	**Sentence Completion Worksheet**:	5%	1
21	**Data Structures - Part 1**:	2%	2
22	**Reading-Skill Building16-01**:	2%	1
23	**Data Structures - Part 2**:	3%	2
24	**Writing-Skill Building IW 16-01W**:	2%	1
25	**Data Structures Worksheets**:	5%	2
26	**Writing-Skill Building IW 16-02W**:	3%	1
27	**Writing-Skill Building IW 16-03W**:	5%	1
28	**Extra Worksheet 16-03**:	5%	1

*Continuous Evaluation:

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

Reference Books:

1. Word Power Made Easy
   Norman Lewis; Goyal Publishers
2. Understanding and Using English Grammar
   Betty Azar & Stacy Hagen; Pearson Education
3. Let Us C
   Yashavant P. Kanetkar; Tata McGraw Hill
4. Let us C++
   Yashwant Kanetkar
5. Fundamentals of Data Structure
   Ellis Horowitz

Course Outcome:

After Learning the course the students shall be able to:

1. Comprehend day to day English
2. Respond to familiar issues / topics in English
3. Speak confidently on stage
4. Able to solve aptitude questions
5. Able to crack the technical exam for IT companies