



Lajcha Singh Charitable Trust's (Regd.)
**THAKUR COLLEGE OF
ENGINEERING & TECHNOLOGY**

(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai
(Accredited by National Board of Accreditation, New Delhi)*

* Accredited Programmes : • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology (w.e.f. : 16-09-2011 for 3 years)

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ISO 9001 : 2008 Certified

TERM TEST -II

Structured Programming Approach

Year / SEM: FE/II

BRANCH: ALL

DATE : 17/04/2015

TIMING: 9.45am to 10.45 am

MARKS: 20

- Instructions** – i) Question No. 1 is compulsory
ii) Figures to the right indicate full marks.
iii) Mobile phone and any other electronic communication devices are not permissible in examination hall.

- Q1. Attempt any five Questions out of six (10M)
- (a) Define String? Give name of standard library string functions.
 - (b) Explain concepts of pointer
 - (c) What is Structure? How it is differ from union?
 - (d) What is file? List functions to read and write from the file.
 - (e) Write a function to find maximum element from 1D array.
 - (f) What is Function? List advantages of it.

- Q2. (a) Write a c program for matrix multiplication. (5M)

OR

- (b) Define recursion. Write a program to calculate power of number using recursion. (5M)

- Q3. (a) Write a program to accept information of 100 employees such as name, id and salary and display information using structure. (5M)

OR

- Q.3. (b) Write a program to read and write data from file. (5M)