



Excelssior Education Society's

K. C. College of Engineering and Management Studies and Research, Thane (E)

(Affiliated to the University of Mumbai)

Mith Bunder Road, Near Hume Pipe, Kopri, Thane (E)-400603

Department of Humanities and Applied science.

CLASS TEST-I

Semester: I

Class: FE

Date: 30-10-15

Marks: 15

Subject: APPIED CHEMISTRY I

Duration: 1 hr.

Note: 1) Attempt any 3 Question out of given 4 Questions.

2) All Questions carry equal marks.

Q.N.1. A blended oil weighing 12.3 gms. was treated with 45 ml of 0.5 N KOH and refluxed for 1.5 hrs. The blank titration reading was 45 ml of 0.5 N HCl. The back reading was 20.2 ml of 0.5 N HCl. Calculate the saponification value.

Q.N.2. Write short note on one component system Water.

Q.N.3. What are carbon nano tubes ? Explain different types of CNT.

Q.N.4. Explain Boundary lubrication.

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