

**BHARATI VIDYPEETH COLLEGE OF ENGINEERING, NAVI
MUMBAI
DEPARTMENT OF APPLIED SCIENCE
TERM TEST –II**

Sub: Applied Chemistry-I Marks:15 Time:45 Min

SET –B

Q.1 Solve any three of the following(2MKS each) 06

a) Distinguish between thermoplastic and thermosetting polymers.

b) What is glass transition temperature? What is its significance?

c) What is vulcanization? Write properties of Vulcanized rubber.

d) Write a short note on polymers used in medicine and surgery.

e) Define Phase and Component.

Q.2 Draw and explain Phase diagram of Two component 04

a) System.

OR

04

b) State and explain Condensed Phase rule, also give the limitations of phase rule.

Q.3 a) What is meant by Compounding of plastics? What are the different constituents of compounding? Write their functions and examples. 05

OR

05

b) Give the preparation, properties and uses of Polyurathane rubber and PMMA.