



9. With examples, discuss the classification of polymers based on (i) structure and (ii) monomeric units.  
(CO1) [Comprehension]

**PART C**

**ANSWER THE FOLLOWING QUESTION**

**(1 X 20 = 20M)**

10. a) Write a note on vulcanization of Natural rubber. Explain how the properties have improved in vulcanized rubber along with applications (12 Marks)  
b) List the differences between addition and condensation polymerization (8 Marks)  
(CO1) [Application]