

Roll No. ....

**Y – 3138(A)**  
**M.Sc. (Fourth Semester) (SPECIAL) EXAMINATION, August 2021**  
**(SECOND CHANCE)**  
**CHEMISTRY**  
**Paper–602**  
**(Polymer)**

*Time : Three Hours*

*Maximum Marks : 85*

*Minimum Pass Marks : 29*

**Note :** Attempt *all* questions.

1. Explain condensation and copolymerization with examples in detail. 17
2. Explain polydispersity and molecular weight distribution in detail. 17
3. Discuss about chemical analysis of polymers in detail. 17
4. Describe in detail about the structure, properties and uses of silazanes. 17
5. Write structure and applications of polymers based on sulphur. 17