

**NEW**  
**2016**  
**MSc**  
**1<sup>ST</sup> Semester Examination**  
**Discrete Structure**  
**M1: Set Theory**  
**M2: Graph Theory**  
**PAPER-1101**

*Full Marks: 100*

*Time:3 Hours*

*The figures in the right-hand margin indicate full marks.*

*Candidates are required to give their answers in their*

*Owen words as far as practicable.*

*Illustrate the answers whenever questions.*