

**M.Sc. CREATIVE DESIGN CAD-CAM  
(MSCCAD)**

**Term-End Examination**

**00402 June, 2017**

**MFR-037 : PRODUCT DESIGN PROCESS (LEATHER  
GOODS : CUTTING TECHNOLOGY AND CLOSING  
TECHNOLOGY)**

*Time : 3 hours*

*Maximum Marks : 70*

*Note : In Section 'A' each question carries 20 marks.  
Answer only **three** questions in Section 'A'. In  
Section 'B' each question carries 10 marks. Answer  
only **one** question in Section 'B'.*

**SECTION A**

1. Discuss different types of threads according to different materials and their use in construction. 20
2. What are the different types of leather used for leather goods manufacturing ? Explain. 20
3. Describe all major parts of a sewing machine with the help of a labelled diagram. 20
4. Which safety points should be followed by the clicker during hand cutting and machine cutting ? 20

## SECTION B

5. Discuss different types of needles according to size and points. 10
6. Explain 'S' twist thread and 'Z' twist thread. 10