

**B.Sc. IN LEATHER GOODS AND ACCESSORIES
DESIGN (BSCLGAD)**

Term-End Examination

00234

June, 2014

BFW-051 : GEOMETRIC CONSTRUCTION

Time : 3 hours

Maximum Marks : 70

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

1. What do you mean by platonic solids ? Explain all of the 05 platonic solids. 20

2. Construct following equilateral 2-D forms : 35
 - (a) Triangle (Each side = 05 cm)
 - (b) Square (Each side = 05 cm)
 - (c) Pentagon (Dia = 10 cm) Inside circle
 - (d) Hexagon (Dia = 10 cm) Inside circle
 - (e) Septagon (Dia = 10 cm) Inside circle
 - (f) Octagon (Dia = 10 cm) Inside circle
 - (g) Decagon (Dia = 10 cm) Inside circle

3. Write a note on Golden Proportion. Give five examples of Golden Spiral forms available in our surrounding nature. 10

4. Bisect an angle of 60° (of any size) by using scale, compass like basic tools. 5