

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

**Term-End Examination**

00291

**December, 2017**

**BFW-051 : GEOMETRIC CONSTRUCTION**

*Time : 3 hours*

*Maximum Marks : 70*

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**Note :** (i) *All questions are compulsory.*

(ii) *Each question carries equal marks.*

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1. (a) Write a note about Orthographic Drawing.
- (b) Bisect an angle of  $60^\circ$ . *5+5=10*

2. What do you understand by the term 'Golden Spiral'? Elaborate. *10*

**OR**

Trisect a line segment of 10 cm length. *10*

3. Construct a pentagon with the line value of 3 cm of each side. *10*

**OR**

Write a note on Isometric Drawing. *10*

4. What is the importance of orthographic drawings in product design ? 10

**OR**

What do you understand by 1<sup>st</sup> angle and 3<sup>rd</sup> angle projections ? 10

5. What are Platonic Solids ? 10

**OR**

Write a note about Archimedean Solids. 10

6. Write short notes on the following : 5×2=10

- (a) Tetrahedron
- (b) Curve Line
- (c) Zigzag Line
- (d) Straight Line
- (e) Point

**OR**

Write a short note about Golden Proportion. 10

7. Write the names of any five equilateral polygons with a rough drawing (unscaled). 10

**OR**

Draw a heptagon or septagon (equilateral) of side value 03 cm of each side. 10