

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

Term-End Examination

June, 2012

BFW-051 : GEOMETRY CONSTRUCTION

Time : 3 Hours

Maximum Marks : 70

Note : All questions are compulsory. All questions carry equal marks.

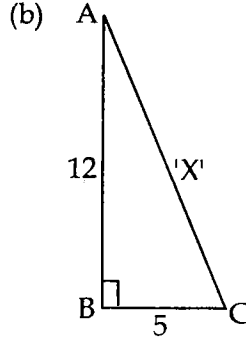
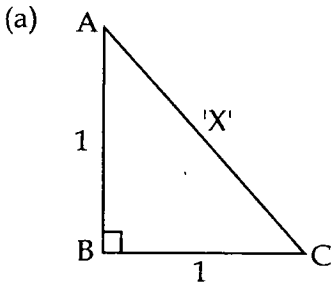
1. Name five platonic solids with their diagrams. 10

2. Define complementary and supplementary angles. 10
If A and B are complementary angles and measure of angle A is twice the measure of angle B. Find the measures of angle A and B.

3. Explain *any five* of the following terms. 5x2=10
 - (a) Right angle.
 - (b) Plane
 - (c) Ray
 - (d) Acute angle
 - (e) Hendecogon
 - (f) Vertex

4. What do you understand by Golden Proportion ? 10
Give few examples for the same.

5. Define the Pythagorean theorem and calculate the value of 'X' in the following figures. 10



6. Calculate the measure of interior angle of a regular pentagon and of a regular decagon. 10

7. Calculate angle 'x' from the following figures. 10

