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

**Term-End Examination**

**December, 2012**

**BFW-051 : GEOMETRY CONSTRUCTION**

*Time : 3 hours*

*Maximum Marks : 70*

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*Note : Attempt all questions. All questions carry equal marks.*

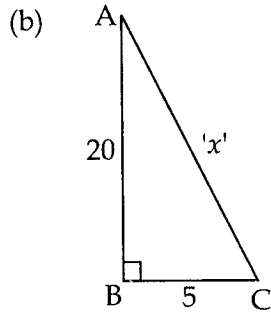
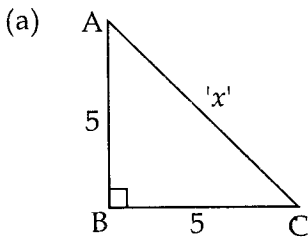
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1. Define complementary and supplementary angles. If A and B are supplementary angles and measure of angle A is twice the measure of B. Find the value of angle A and B. 10
  
2. Name the five platonic solid and mention the number of vertices, edges and faces of each. 10
  
3. Define any five of the following terms. 10
  - (a) Vertex
  - (b) Obtuse angle.
  - (c) Plane
  - (d) Point
  - (e) Ray.
  - (f) Right angle
  - (g) Hendecagon

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

5. Calculate the measure of interior angle of a Hexagon & of a Decagon. 10

6. Define Pythagorous theorem and calculate value of 'x' in the following figures. 10



7. Calculate the value of angle 'x' in the following figures. 10

