2205E780   Candidate's Seat No : ___

B.Arch.-I (Sem.-II) Examination
AR 206 JM Geometry-II

Time : 2 Hours]   **May-2017**   [Max. Marks : 50

Instructions:
1. Attempt both the questions.
2. Support your answers with neat and proportionate sketches.
3. A figure to the right indicates full marks.

Q-1 Short notes (any two)   **20**
1) Sketch any five diagrams showing geometric patterns found in flower.
2) Hexagon and its manifestation in nature.
3) Explain with neat sketches- repetition in natural objects.
4) Sacred geometry

Q-2 Answer in detail (any two)   **30**

1) How Geometric shapes and elements are used for architecture?
   Explain with sketches.
2) Generate any one geometrical composition of 15cm x 15cm using natural
   Shapes found in animals.
3) Sketch and analyze examples from nature where geometry and ordering
   Principle of symmetry is found. Explain with minimum two natural elements.
4) Principles of geometry are used in other design fields also; demonstrate this with
   Help of neat sketches in detail with any two design products.

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