MANIPAL UNIVERSITY

THIRD SEMESTER B. ARCH. DEGREE EXAMINATION – NOVEMBER 2015

SUBJECT: ARC-213: PRINCIPLES OF ARCHITECTURE
(2010 SCHEME)
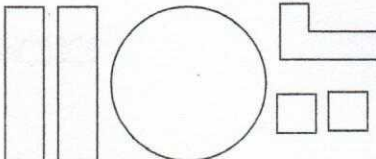
Thursday, November 26, 2015

Time: 14:00 – 17:00 Hrs.   Max. Marks: 50

- ✍ **Answer any FIVE of the following questions.**
- ✍ **Draw good sketches wherever necessary in pencil colors.**

1. Explain the 'Shifts in Paradigm' through history.

   (10 marks)

2. What are the ways to achieve unity? Explain with example.

   (10 marks)

3. Make a composition using the given geometric forms to be used only once with same proportions and explain the same to show:

   a) Balance with symmetry
   b) Balance without symmetry
   c) Order with right angles and
   d) Order without right angles
   e) Pattern - Radial

   (2 marks × 5 = 10 marks)

4. Discuss with examples the various principles of scale and proportion through history.

   (10 marks)

5. What are the ways in which order is achieved? Explain with examples.

   (10 marks)

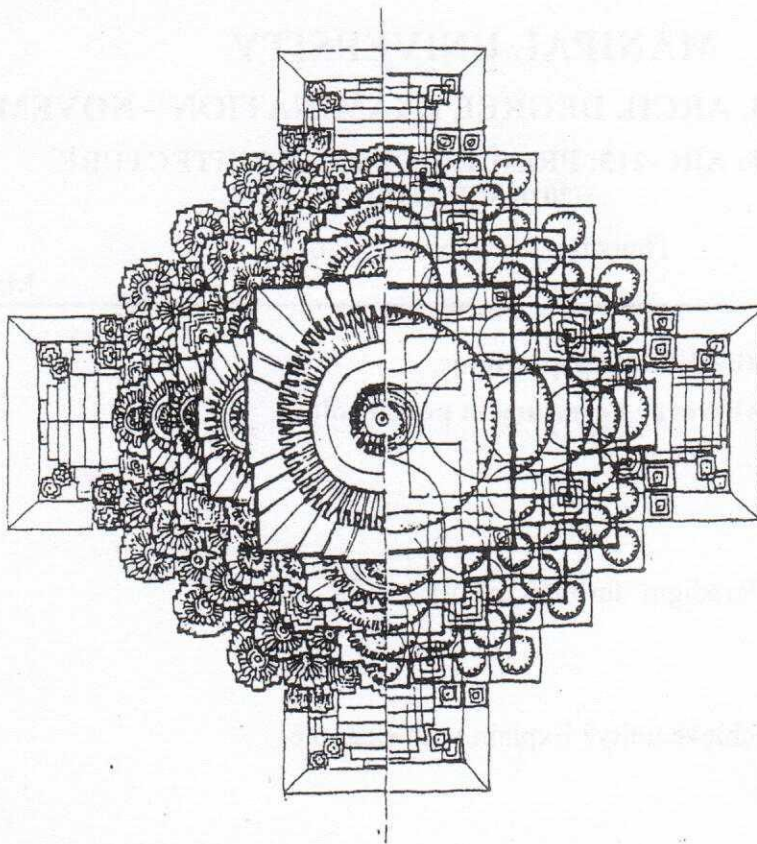6. Analyze the following example for the aspects of geometry and proportions.

   (10 marks)

Fig Q6. Plan of Khandariya Mahadev temple shikara