INTERNATIONAL CENTRE FOR APPLIED SCIENCES
(Manipal University)
THIRD SEMESTER B.S. DEGREE EXAMINATION–OCT./NOV.2017
SUBJECT: PRINCIPLES OF ARCHITECTURE FORM & SPACE (AE 233)
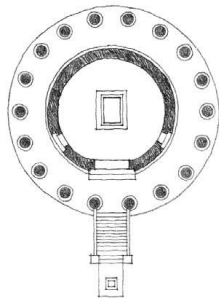#### (BRANCH: ARCHITECTURE)
Monday, 30 October 2017

Time: 3 Hours   **Max. Marks: 100**

✓ **Answer ANY FIVE full Questions.**
✓ **Missing data, if any, may be suitably assumed**
✓ **Support your answers with sketches wherever required.**

1. Explain the followings.   (10X2=20 marks)

    a. Analyse the figure based on Spatial Organization.

    b. Write a short note on Grid Organization with suitable example.

2. Write a short note (support with sketch) on,   (10X2 =20 marks)

    a. Basilica of Constantine

    b. Roman Style

3. Briefly explain about Circulation Element with neat sketches.   (20 marks)

4. Explain about visual design principles. Support with Sketches.   (20 marks)

5. Write a short note on,   (5X4 =20 marks)

    a. Thorndike   b. Bartlett

    c . Design Tactic   d. Design Trap

6. A room is 3m X 4m in size. Assume the room has one window   (10X2=20 marks)
   & one door.

    a. Prepare a furnished layout for Kitchen.

    b. Show the Elevational section with proper dimension.

7. What is design methodology? What are the steps to be followed   (20 marks)
   while designing?

8. Sketch in Detail: Tuscan Column   (20 marks)