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MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER B. ARCH. DEGREE EXAMINATION – DEC 2019/JAN 2020

**SUBJECT: ARC-213: PRINCIPLES OF ARCHITECTURE
(2010 SCHEME)**

Monday, December 30, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks : 50

- ✍ Answer any FIVE questions. Question No. 6 is compulsory.
- ✍ Support your answers with necessary sketches.

1. Explain the following:

- 1A. Productive thinking
- 1B. Creative thinking
- 1C. Definition of design solution
- 1D. Behaviourist approach on thinking

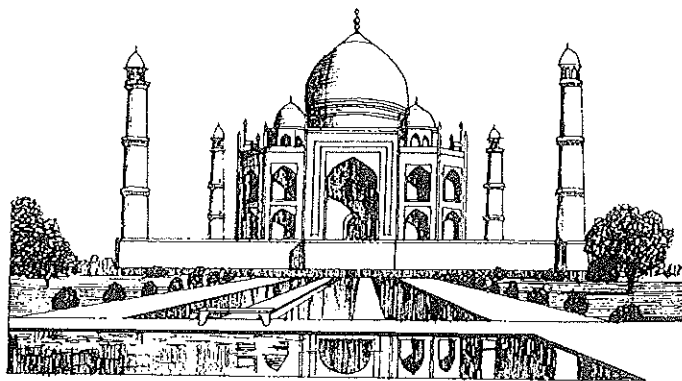
(2+2+2+4 = 10 marks)

2. Explain how region and climate influence the development of character in design creating any one example.

(10 marks)

3. Analyze the Fig Q3 for the aspects of perception in terms of:

- 3A. Order
- 3B. Focus and movement
- 3C. Geometry
- 3D. Balance



Taj Mahal, Agra 1632-53

Fig Q 3.

(10 marks)

4. Explain in detail all the types of criticism with examples.

(10 marks)

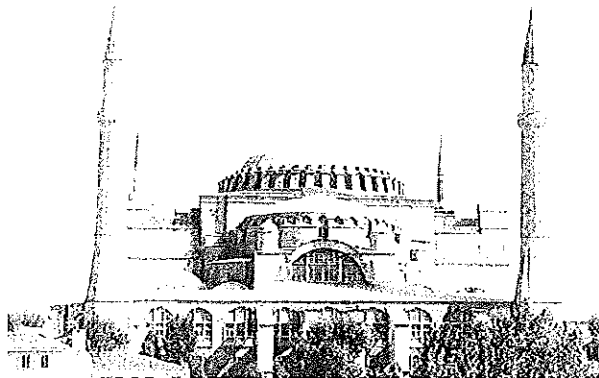
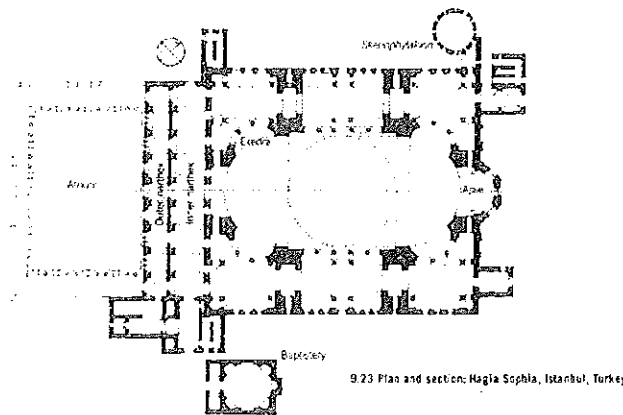
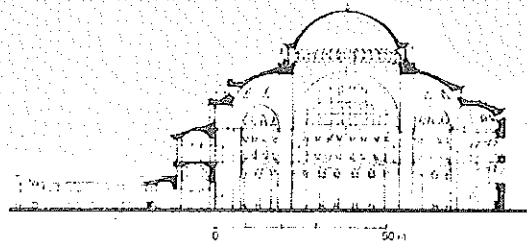
5. Explain using analytical sketches the following aspects for Fig Q5.

5A. Order through proportion

5B. Geometry –development of form and behavior

5C. Unity

a.



(2+5+3 = 10 marks)

6. Define and explain with sketches of examples:

6A. Behavior setting characteristics

6B. Need for territory definition

6C. Types of territory

6D. What is small group ecology?

(2+2+3+3 = 10 marks)

