

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

B.ARCH. - SEMESTER-X EXAMINATION – SUMMER 2019

Subject Code: 1105002

Date: 10/05/2019

Subject Name: Professional Practice and Valuation

Time: 10:30 AM TO 12:30 PM

Total Marks: 50

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** a) Describe the need of Bye Laws and its implications with reference to building design. **05**
b) Explain role of Council of Architecture and its responsibilities in detail. **05**

- Q.2** Explain the following in brief: (any five) **10**
1. Contingencies
2. Town Planning Act
3. Evolution of GDCR
4. Contract Documents
5. Performance bond
6. Depreciation

- Q.3** a) Explain the comparison and inter-relationship of architect with other professions and professional bodies. **05**
b) Explain the following terms: (any five) **05**
a. Total build up area
b. Carpet area
c. DCR
d. Super Built-up Area
e. Plinth area
f. Contract Sum

- Q.4** The estimate cost of the private villa project is 1,00,00,000/- (Rs. One Crore), with plot size of 2,500sq. m in Ahmedabad having permissible FSI of 1.2 and permissible ground coverage is 40 % of the plot area. Find the maximum built-up area and maximum ground coverage. Also, calculate cumulative and actual stage wise fees of a consulting architect, from starting to completion of the project. (assume fees as per the standards) **10**

OR

- Q.4** Explain briefly: (any two) **10**
1. Tender Documents
2. Concept of Zoning of areas in City.
3. Role and Responsibilities of a Professional Architect.

- Q.5** a) Elaborate the perspective of Architects Act 1972, mentioning its Aim and Objectives. **05**
b) Explain the role of an architect as approved valuers. And the architectural professional work, its scale of fees, mode of working in office / organization / firm and payments & phasing of projects. **05**

OR

- Q.5** Miss. Divya wishes to construct a Residential Campus near Central Bus stop in Vadodara. The estimated cost of the project is Rs. 25 crores. She wishes to appoint you as Consulting Architect on Comprehensive Services basis. You will be paid 8% on the project mentioned above including periodic supervision of Construction. Now, write a letter to her about total fees and stage wise payment for the architectural consultancy services including periodic supervision. **10**
