

**BACHELOR OF ARCHITECTURE (B.Arch.)**

**Term-End Examination**

**June, 2016**

**BAR-074 : PROFESSIONAL PRACTICE AND  
BUILDING BYE-LAWS**

*Time : 3 hours*

*Maximum Marks : 70*

- Note :**
- (i) *Part - A is compulsory.*
  - (ii) *Answer any four questions from Part - B.*

**PART - A**

Discuss in brief the duties/liabilities of an architect in the following situations. (2 marks each).  $2 \times 7 = 14$

1. (a) The roof of a building designed by an architect starts leaking due to water logging in the neighbour's kitchen on the floor above.
- (b) An architect is approached by a client for renovation and modification of a building. However there existed a contract between the client and to another architect who originally designed the building. The contract was signed three years ago.
- (c) The client moves into a building without securing the building completion/occupancy certificate.
- (d) In a large scale project where multiple agencies are involved and the architect being the main coordinator of consultants, the electrical services fail causing loss to the client.

- (e) An architect wishes to enter into an agreement with a foreign architect to provide services in India.
- (f) An architect sub commissions work to another architect without agreement with the client.
- (g) An architect has been selected to work on a project in a foreign country.

### **PART - B**

Answer any four questions :

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|----|--|----|
| 2. | (a) In an architectural project, what are the client's roles and responsibilities ?  | 8  |
|    | (b) What are the various categories of drawings to be provided for construction by the architect ? Discuss the scale of charges at each stage. | 6  |
| 3. | (a) Differentiate between FAR and FSI giving suitable examples.  | 6  |
|    | (b) Discuss the schedule of services and standard scale of charges for an urban design project.  | 8  |
| 4. | (a) As an architect, what information would you require from the Authority for connecting the building drainage to public sewer ?              | 8  |
|    | (b) Discuss the contents of working drawing that the lift manufacturer should submit to the architect for approval.                            | 6  |
| 5. | Discuss the codal provisions for conservation of water and green belts for environmental protection.   | 14 |

6. (a) As recommended by National Building Code Part - IV
- (i) What should be the travel distance between fire exits ? 2
  - (ii) What should be the width of staircases in
    - Institutional Buildings 2
    - Assembly Buildings 2
    - Residential Buildings 2
- (b) Explain the role of Delhi Development Authority, (Zonal) Municipal Corporation of Delhi, Delhi Fire Service and Delhi Urban Art Commission. 6
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