

BACHELOR OF ARCHITECTURE (B.Arch.)

Term-End Examination

00144

June, 2017

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

Time : 3 hours

Maximum Marks : 70

Note : Part A is **compulsory**. Answer any **four** questions from Part B.

PART A

1. Discuss in brief the duties/liabilities of an architect in the following situations : $7 \times 2 = 14$
- (a) An architect engaged a specialized consultant for designing a swimming pool for a building. Due to faulty pipes, there was leakage.
 - (b) An architect allows his name to be published in a newspaper along with work descriptions for a small consideration.
 - (c) A client fails to appoint maintenance staff in a building for a continuous period of six months.
 - (d) A client approaches an architect for construction of a building. There existed a prior contract between the client and another architect.

- (e) An architect designs to compete with another architect for a client without any payment.
- (f) A client rents out a building designed for residential purposes for use as a manufacturing unit.
- (g) The architect does not inform the client about the conditions of engagement and scale of charges.

PART B

Answer any **four (4)** questions.

2. (a) Distinguish between FAR and FSI. 6
- (b) What is the prescribed criteria for earthquake resistant design of structures? 8
3. (a) Discuss the planning norms and requirements for rural habitat planning provided under the National Building Code, 2005. 8
- (b) Write short notes on the following :
- (i) Fire Prevention 2
- (ii) Life Safety 2
- (iii) Fire Protection 2
4. (a) Discuss provisions for rain water harvesting under the National Building Code, 2005. 8
- (b) Write short notes on the following :
- (i) Interim Certificate 2
- (ii) Defects Liability Period 2
- (iii) Earnest Money Deposit 2

5. (a) State the grounds on which a client may claim compensation from the architect. What are the actions that the Council of Architecture is authorized to take? 8
- (b) What are the duties of the client and the architect in relation to quality control of the work? 6
6. (a) Explain how arbitration, mediation and conciliation are effective dispute resolution methods. 6
- (b) Discuss the safety measures to be taken by an architect in the design of high-rise buildings. 8
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