

BACHELOR OF ARCHITECTURE (B.Arch.)

Term-End Examination

00305

December, 2014

**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. (a) Discuss the liability of an architect in the following situations : $7 \times 2 = 14$
- (i) Distress due to water-logging in the vicinity that affects the strength of the structure.
 - (ii) Damage caused due to the deficient services of 'specialised consultants' appointed.
 - (iii) Undertaking a project for which he/she knows that another architect has been selected.
 - (iv) Prepares designs for a reduced fee.
 - (v) Gives inducements for introduction of a client.

- (vi) Architect 'A' takes up a project, without giving notice to an Architect 'B' whose selection for the said project was terminated.
- (vii) Lack of periodical maintenance of a building by owner/occupant and damage thereof.

PART B

2. (a) Discuss the specific measures for water conservation in the National Building Code 2005. 7
- (b) Elaborate on the scope of work and schedule of services for an interior design project. 7
3. (a) How many types of architectural competitions are there ? What is the role of assessors ? 6
- (b) Explain in detail about the members of Council of Architecture. 8
4. (a) The National Building Code envisages special measures for physically disabled people. What are these measures ? Explain briefly. 9
- (b) "Architects cannot advertise their professional services." Comment on this statement. 5
5. (a) Explain the following : 6
- (i) Floor Area Ratio
- (ii) Fire Zones
- (iii) Gross Area
- (b) Distinguish between the professional, criminal and civil liabilities that relate to an architect's profession. 8

6. (a) Describe the scope of work, schedule of services and scale of charges of an architect in a landscape architectural project. 7
- (b) Discuss the safeguards against the reduction in open space in a project. 7
7. (a) The National Building Code suggests a 'team approach' for completing development projects. Discuss the advantages and disadvantages of such an approach. 6
- (b) Comment on (i) vulnerability atlas (ii) performance oriented approach for standardising building materials. 8
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