

Seat No. : \_\_\_\_\_

**11C-134**

**May-2015**

**B.Arch./ID/BCT, Sem.-VI (New)**

**AR-602 : Building Construction-VI**

**Time : 3 Hours]**

**[Max. Marks : 100**

- Instructions :** (1) Attempt **all** the questions.  
(2) Figures to the right indicate full marks.  
(3) Assume suitable data if necessary.

1. Explain any **two** : **30**
  - (1) Explain different types of plaster as an external building finish.
  - (2) Describe glass as a building material. Show the contemporary construction details.
  - (3) Explain types of paint finishes used externally and internally.
2. Explain any **two** : **20**
  - (1) Explain the different types of lime plaster. Explain the proportions of materials used, the setting time and other polishing and fresco techniques in the plaster.
  - (2) Differentiate between Air conditioning duct and Air cooling duct.
  - (3) Differentiate between a private and public swimming pool with proper detailed sketches.
3. Write short notes on any **six** : **30**
  - (1) Texture Paint
  - (2) Precast duct
  - (3) Structural Glazing
  - (4) Sunk Slab
  - (5) Araish Work (Fresco)
  - (6) Scum Gutter
  - (7) Wall paper
  - (8) Bullet Resistant Glass
  - (9) Any 6 defects of plaster
  - (10) Fibre Glass Pol
4. Explain in detail : (any **one**) **20**
  - (1) What are the types and uses of ducts electrical, water supply, drainage and air conditioning ?
  - (2) Design a domestic swimming pool (100 sqm area approx.) with necessary measurements, depths, plans, sections, details of railings, edge conditions, gutter conditions, drainage and water supply details.

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