

Total No. of Pages : 01

B. Architecture (2012 & Onwards EL-I) (Sem.-8)

Subject Code : BACH-808

M.Code : 72752

Max. Marks : 60

1. Attempt FIVE questions selecting at least ONE question each from Part I & Part II. Question No. 1 is compulsory.

- 1. Write briefly on the following :**

- | | |
|---|---|
| a) Scope of building maintenance | 2 |
| b) Life cycle concept for buildings | 2 |
| c) Settlement of foundations | 2 |
| d) Maintenance of water supply fixtures | 2 |
| e) Dampness | 2 |

PART-I

2. Why is building maintenance important for architects? Do architects consider this aspect while designing buildings? (12.5)
3. How does building maintenance impact the social environment of inhabitants? (12.5)
4. Give the effect of climate on buildings, taking an example of a residential building from cold climate. (12.5)
5. Mention six reasons for deterioration and decay of buildings. (12.5)

PART-II

6. Explain efflorescence and dampness in detail giving the causes and remedies for the same. (12.5)
7. How is retrofitting of buildings done to ensure structural safety? (12.5)
8. Write a note on building services maintenance. (12.5)

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.