

(Following Paper ID and Roll No. to be filled in your  
Answer Books)

Paper ID : 181421

Roll No. 

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**B. Arch.**

**Theory Examination (Semester-IV) 2015-16**

**BUILDING ECONOMICS**

*Time : 3 Hours*

*Max. Marks : 100*

**Section-A**

**Q1. Attempt all parts. All parts carry equal marks. Write answer of each part in short. (2×10=20)**

- (a) Define need, necessity and wants.
- (b) What is site work cost?
- (c) Who gave the definition on science of material well being?
- (d) What is equipment cost?
- (e) Define soft cost in building Economics.

- (f) What is mortgage?
- (g) What do you understand by price elasticity of product?
- (h) What do you mean by land acquisition cost?
- (i) Which behavior of demand is shown by the statement? “If quantity demanded changes similar to the price change”.
- (j) Differentiate between cost and price.

**Section-B**

**Q2. Attempt any five parts from the following:**

**(10×5=50)**

- (a) What do you understand by critical design time in building economics.
- (b) Discuss the process required in loan calculations and finding the EMI.
- (c) Describe utility concept in building economics.
- (d) Explain Equilibrium Condition in demand and supply.

- (e) Explain Importance of Building Economics in Architectural Profession.
- (f) Explain Monetary Cost.
- (g) Explain graduated payment mortgage.
- (h) Describe shared Appreciation mortgage.

### Section-C

**Attempt any two questions from this section. (15×2=30)**

- Q3. What do you understand by future cost components? Explain any four important future cost component.
- Q4. Explain various methods of estimating building construction cost.
- Q5. Enumerate total initial project cost. Discuss any four in detail.