

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 08

**B. Architecture (Sem.-3)****BUILDING SERVICES-I**

Subject Code : AR-229

Paper ID : [A0918]

Time : 3 Hrs.

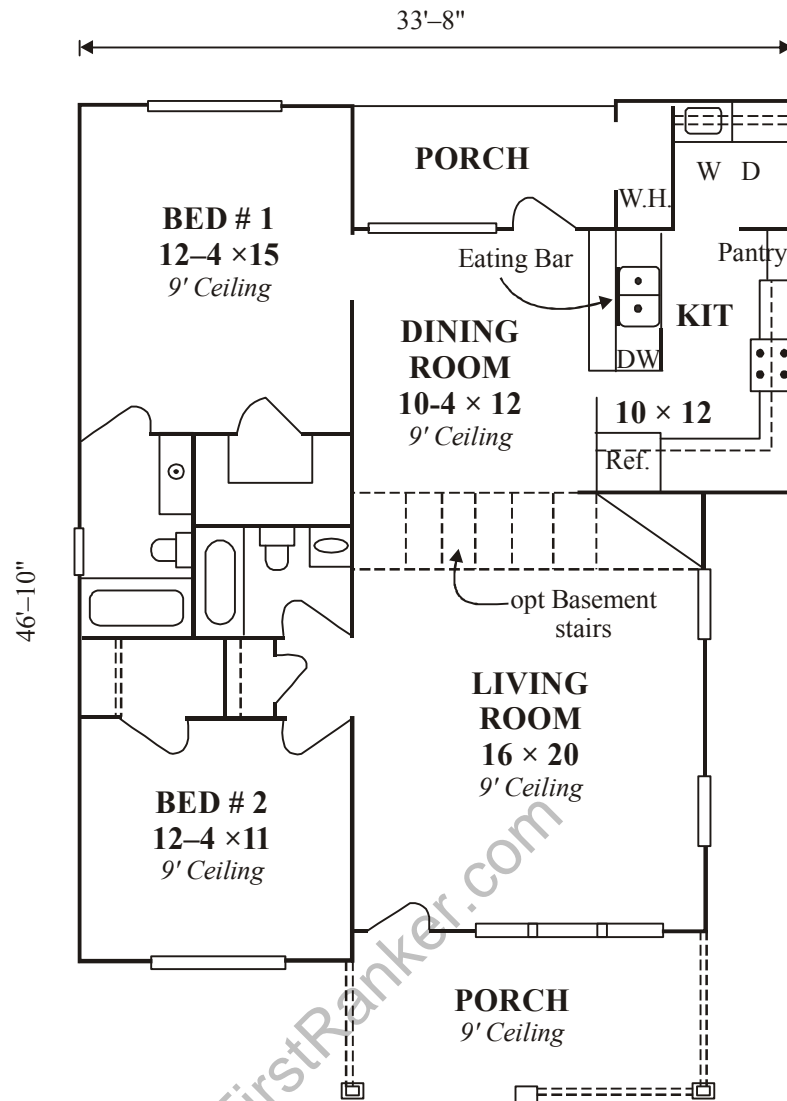
Max. Marks : 50

**INSTRUCTION TO CANDIDATES :**

1. Attempt total of FIVE questions with atleast TWO from each Section.
2. Assume any missing data.
3. All questions carry EQUAL marks.

**SECTION - A**

1. Discuss in detail the various types of water supply systems for buildings. (10)
2. What are the various provisions in the National building code for domestic hot water distribution? (10)
3. What are the different types of pipes used for water supply in buildings? (10)
4. Mark the cold and hot water supply layout in the plan attached. (10)



**SECTION - B**

5. Write in detail the working of septic tanks. (10)
6. Differentiate between the inspection chamber and intercepting chamber. (10)
7. Discuss the types of pipes used for sewage disposal. (10)
8. What are the various types of traps used with WC's? Discuss their typical applications. (10)