

BHARATI VIDYAPEETH INSTITUTE OF TECHNOLOGY
Question Bank (I-Scheme)

Name of subject: Construction Materials
Subject code: 22204

Unit Test: II
Course: CE

Semester: II

CHAPTER 4 (Special construction materials)

(2 Marks)

- a. List four types of fibers.
- b. List any four types of building where sound insulation is necessary.
- c. Mention any four water proofing material brands available in market.
- d. Write any two uses of termite proofing material.

(4 Marks)

- a. State any two properties and situations where sound insulating material is used.
- b. Enlist four properties of course fiber.
- c. Write any two properties and uses of glass fibers.
- d. List any four properties of thermal insulating materials.
- e. Enlist any four uses of asbestos fiber in construction.
- f. List four properties of damp proofing materials.

CHAPTER 5 (Finishing Materials)

(2 Marks)

- a. Define mortar. State any two properties of good mortar.
- b. Enlist any four different types of paint.
- c. Write any two situations where lime mortar can be used.

(4 Marks)

- a. Write various types and uses of special mortar.
- b. State four properties of POP.
- c. Write any four properties of cement mortar.

d. What are the ingredients of good mortar and explain how you decide good mortar.

e. Enlist any four properties of good paint.

CHAPTER 6 (Processed Construction Materials)

(2 Marks)

a. Give the two uses of rice husk as construction material.

b. What is meant by fly ash and state any two properties of fly ash.

c. Define (i) Rice husk (ii) Blast furnace slag

(4 Marks)

a. State four properties of baggase and two uses of baggase construction material.

b. Define artificial sand with its suitability.

c. Explain any four properties of geo-synthetic material and state two of its application in construction.

d. Enlist four types of artificial timber based product and state any two properties for two products.

e. Enlist two properties and two uses of ferroconcrete.

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