



SARASWATI Education Society's
SARASWATI Institute of Technology

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Sub: Building Construction (22304)

Class: S.Y

Assignment No. 1

1. Classify the building according to national building code part-3.(2005)
2. Classify the building according to type of construction.
3. Define Substructure and state its component parts with functions.
4. Define Superstructure and state its component parts with functions.



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Assignment No. 2

1. Define Job layout .Explain the procedure of layout for LBS & FS by centre line method.
2. What is timbering & strutting. State its methods. Explain any one with sketch.
3. What is foundation. Enlist any four functions of it.
4. Define Shallow foundation. State its types and suitability of each type.
5. Define deep foundation. State its types and explain pile foundation.



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Assignment No. 3

1. Define the following terms: 1) Facing 2) Backing 3) Hearting 4) Through stone
2. Define stone masonry. Which are its various types. Explain any two.
3. Name the various joints in stone masonry.
4. What is bond. State its types. Explain any one.
5. Which are various precautions to be taken in brick masonry.
6. Draw neat labelled diagram showing parts of scaffolding.
7. Define scaffolding .State its various types. Explain with their function.
8. Draw the sketch of formwork for column and Beam



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Assignment No. 4

1. What is door. State its types. Explain any two with sketch.
2. What is window. . State its types. Explain any two with sketch.
3. Name the various fixtures & fastenings used for doors and windows.
4. What is vertical communication. Which are the various means of it.
5. Mention the suitability and neat labelled diagram of bifurcated staircase.



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Assignment No. 5

1. Name the various types of floor finishes and state its suitability.
2. Explain King post truss & queen post truss with its suitability of each.
3. What is plastering. Explain procedure of plastering.
4. Write any four defects in plastering work & give remedies on it.
5. What is pointing. Explain procedure of pointing.
6. State any four characteristics of good paint.



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Assignment No. 6

1. Describe any two causes of formation of cracks in walls & measures adopted to prevent them.
2. State various remedial measures for settlement of foundation.
3. What is demolition. State its method.
4. State the necessity & importance of water proofing.