Unit 6 - Week 5

Assignment 5

The due date for submitting the assignment is 23:59 IST.
Due on 2023-03-04, 23:59 IST.

1) Which of the following statements is not true for framed structure?
   a. Thickness of wall can be maintained
   b. Construction of framed structure is speedy
   c. Utilization of space is flexible
   d. Pedestrian is not possible
   You are not allowed to consult.
   Answer: d
   Accepted Answers: Performance is not possible

2) Which of the following option is an example of grid structure?
   a. Coffee Shop
   b. Funicular Arch
   c. Pedestrian Bridge
   d. Space Frame
   You are not allowed to consult.
   Answer: c
   Accepted Answers: Pedestrian Bridge

3) Which of the following is not an arch type?
   a. Longer
   b. Cantilever
   c. Hanger
   d. Focal
   You are not allowed to consult.
   Answer: c
   Accepted Answers: Hanger

4) Central dome of the Great Mosque of Cordoba is an example of ________
   a. Masked vault
   b. Groin Dome
   c. Spiral Dome
   d. trumpet vault
   You are not allowed to consult.
   Answer: b
   Accepted Answers: Groin Dome

5) A continuous wall having two obstructions located on an inclined plane is ________
   a. Fan Vault
   b. Cantilever Vault
   c. Rampart Vault
   d. Flute Vault
   You are not allowed to consult.
   Answer: c
   Accepted Answers: Rampart Vault

6) Manhattan Project in Italy is a suitable example of ________
   a. Membrane Structure
   b. Load Bearing Structure
   c. Grid Structure
   d. Pre-stressed Structure
   You are not allowed to consult.
   Answer: a
   Accepted Answers: Membrane Structure

7) Inclined plane developed on a dome is ________ in nature.
   a. Compression
   b. Tension
   c. Bending
   d. Shear
   You are not allowed to consult.
   Answer: b
   Accepted Answers: Tension

8) The constructive device which allows the placement of the circular dome over the square moment is called ________
   a. Vents
   b. Oculi
   c. Pedestal
   d. Transom
   You are not allowed to consult.
   Answer: b
   Accepted Answers: Oculi

9) What kind of rigid frame structure is shown below?
   a. Fixed Beam
   b. Pin Jointed
   c. Hinge Support
   d. Fixed Support
   You are not allowed to consult.
   Answer: c
   Accepted Answers: Hinge Support

10) Which type of Arch is shown below?
    a. Three-centred Arch
    b. Tudor Arch
    c. Segmental Arch
    d. Half-elliptical Arch
    You are not allowed to consult.
    Answer: c
    Accepted Answers: Segmental Arch