



15ARC52

- 7 Explain the construction of a space frame for an exhibition area of size 16m × 24m with the following details:
- a. Roof plan showing space frame – 1:100 scale (08 Marks)
 - b. Sectional elevation – 1:50 scale (06 Marks)
 - c. Any 2 details – 1:5 scale (06 Marks)
- 8 Write short notes on:
- a. Tensile structures (10 Marks)
 - b. Pneumatic structures (10 Marks)
- 9 Write short notes on:
- a. FRP (04 Marks)
 - b. Acrylic (04 Marks)
 - c. Polycarbonate (04 Marks)
 - d. Gypsum (04 Marks)
 - e. POP (04 Marks)
- 10 Explain the waterproofing details with the help of explanatory sketches.
- a. Toilet water proofing (10 Marks)
 - b. Terrace water proofing (10 Marks)

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