



MAZ-10764

Seat No. _____

B. Arch. (Sem. IX) Examination

November / December – 2016

Building Materials And Construction - VIII

Time : 2 Hours]

[Total Marks : 80

- Instructions :**
- (1) Contextual understanding will be considered critically in assessment.
 - (2) Support your statement with necessary examples and sketches wherever necessary.
 - (3) Each question carries equal weightage of 20 marks.
 - (4) Attempt any four.

PART - I : Materials

- 1 What are the different systems used in large span structures? Explain in brief with sketches.
- 2 Compare critically Tensigrity and Tensile structures as a system with necessary sketches.
- 3 Explain types, different uses and quality of metal tubes and fabric used in tensile structures.
- 4 Explain loads transfer system in Cable Stay bridge with necessary sketches.
- 5 Explain different aspects of paper tube as a material in large span structures.
- 6 Write a short note on contemporary architect and his works using large span systems.