

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)**

**CLASS: BARCH
BRANCH: ARCHITECTURE**

**SEMESTER: III
SESSION : MO/2019**

SUBJECT : AR203 CONTEMPORARY ARCHITECTURE

TIME: 2:00 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 25.
 2. Candidates may attempt for all 25 marks.
 3. Before attempting the question paper, be sure that you have got the correct question paper.
 4. The missing data, if any, may be assumed suitably.
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- Q1 (a) With the help of suitable sketches discuss the salient features of the Great Exhibition of 1851. Explain why it was termed as the 'Crystal Palace.' [2]
(b) Who is considered as the inventor of cast iron skeleton frames? List his works. Discuss anyone. [3]
- Q2 (a) Mention the significance of 18th century factory at Bolton. [2]
(b) With reference to the Great Exhibition of Paris, 1889, enumerate about any one structure which according to you made a significant contribution to architectural practices thereafter. [3]
- Q3 (a) Discuss the influences and significance of the Amsterdam Stock Exchange in contemporary architecture and its association with the term 'True Construction.' Name its architect. [2]
(b) Which building is considered as the first true Art Nouveau building and why? Who was the architect? [3]
- Q4 (a) Discuss an architectural work that was first to showcase all possibilities of ferro-concrete. Name the architect. [2]
(b) Citing at least two prominent buildings of Louis Sullivan enumerate upon his contribution to the world of architecture. [3]
- Q5 (a) Describe the features of a 'Chicago Window'. [2]
(b) Explain the term 'Prairie School'. Name the architect who is considered as the leader of this movement. With the help of suitable sketches discuss any one architectural work by the concerned architect which best exemplifies the movement. [3]

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