

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

**CLASS: BARCH  
BRANCH: ARCHITECTURE**

**SEMESTER : III  
SESSION : MO/19**

**SUBJECT: AR203 CONTEMPORARY ARCHITECTURE**

**TIME: 3 HOURS**

**FULL MARKS: 50**

**INSTRUCTIONS:**

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
  2. Attempt all questions.
  3. The missing data, if any, may be assumed suitably.
  4. Before attempting the question paper, be sure that you have got the correct question paper.
  5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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- Q.1(a) Give one-word answers for the following: [5]
- i) "Ridge and furrow" construction method
  - ii) Spanned the longest interior space in the world at the time of its construction, using a system of three-pinned, trussed portal frame
  - iii) First skyscraper building which marks the start of Chicago school
  - iv) First patented pioneering reinforced-concrete construction system
  - v) Material capable of satisfying all demands of both the engineer and an artiste
- Q.1(b) Provide sketches and evaluate the architectural significance of Bibliothèque nationale de France. Name the architect. [5]
- Q.2(a) Write a short note on the 'Art Nouveau' movement. Name a perfect architectural example of the movement and discuss its features. Provide sketches for the same. [5]
- Q.2(b) Considering two significant non-residential architectural works of Frank Lloyd Wright, highlight and discuss his contribution to modern day architecture. [5]
- Q.3(a) Discuss the manifestation of the quote 'God is in the Details' in the works of Mies van der Rohe. [5]
- Q.3(b) Discuss briefly the concept of Chandigarh City. [5]
- Q.4(a) Describe and analyze the influences of Bauhaus School in development of International Style of architecture. [5]
- Q.4(b) Briefly analyse any two salient works of any one of the following architects and enumerate upon their design philosophy: [5]
- i) Norman Foster
  - ii) Zaha Hadid
- Q.5(a) Name the architects of the following architectural projects: [5]
- i) Indian Coffee House, Trivandrum
  - ii) Asian Games Village, New Delhi
  - iii) Kovalam Beach Resort, Kerala
  - iv) Aranya Low Cost Housing, Indore
  - v) Kanchanjunga Apartment, Mumbai
- Q.5(b) "The architecture of Charles Correa is the modern adaptation of age-old heritage of Indian Architecture". Discuss the statement citing appropriate examples. [5]

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