

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION MO/2022)**

**CLASS: B. ARCH
BRANCH: B. ARCH**

**SEMESTER: III
SESSION: MO/ 2022**

SUBJECT: AR203 CONTEMPORARY ARCHITECTURE

TIME: 03 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. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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- Q.1(a) Very briefly discuss the significant contribution of Ar. Tony Garnier in propagating the use of concrete. [2]
- Q.1(b) Giving suitable illustrations, write a short note to discuss the architectural significance of 'Galerie de Machine' of the Paris Exhibition of 1889. [3]
- Q.1(c) Henri Labrouste used Iron, an industrial material whose potential for both elegance and functionality were exemplified in the two libraries designed by him. Name the two libraries designed by him. Justify the statement by discussing any one library, that according to you, best justifies the earlier statement. Give suitable illustrations in support of the answer. [5]
- Q.2(a) Briefly discuss the significant contribution of Ar. Victor Horta to architecture. [2]
- Q.2(b) Only with the help of labeled sketches, highlight the architectural features of buildings pertaining to the 'Chicago School of Architecture.' Name two buildings that pertain to the style and name a prominent architect who contributed to its growth. [3]
- Q.2(c) Explaining the essence of 'Organic Architecture,' discuss in detail, an architectural work of Ar. F. L Wright which according to you is a true example of it. Give illustrations to support the discussion. [5]
- Q.3(a) What is the architectural relevance of the 'Fagus Shoe Factory'? Name its architect. [2]
- Q.3(b) Discuss the architectural relevance of the 'Bauhaus School of Architecture', founded and designed by Ar. Walter Gropius. Also highlight its impact on the architectural environment of the following times. [3]
- Q.3(c) With the support of illustrations briefly discuss and highlight the design features of the German Pavilion at Barcelona. Name the architect. [5]
- Q.4(a) Of all the prominent international architects, name anyone, whose work has inspired you. Suggest why. Further, discuss anyone building designed by the architect. [2]
- Q.4(b) Match the following: [3]

1	Antoni Gaudi	i	Jaha Hadid
2	Norman Foster	ii	Frank O Gehry
3	clad in titanium plates, arranged in scales, on a galvanized steel structure	iii	The Gherkin
4	Diagrid System	iv	Guggenheim Museum, Bilbao
5	Heydar Aliyev Centre, Azerbaijan	v	City Hall London
6	Walt Disney Concert Hall, Los Angeles	vi	Park Guell, Barcelona

- Q.4(c) Highlight the architectural features of Le Corbusier's 'Notre Dame' or the 'Ronchamp Chapel.' [5]
- Q.5(a) Of all the prominent Indian architects, suggest any one whose work has inspired you. Discuss why. [2]
- Q.5(b) With the support of suitable examples, enumerate upon the design philosophies of Ar. Charles Correa or Ar. Laurie Baker. [3]
- Q.5(c) Match the following architects and the buildings designed by them. Write a brief note on anyone building listed here. [5]

i	Charles Correa	Asian Games Village
ii	Laurie Baker	Kunchenjunga Apartment
iii	B. V. Doshi	The Hamlet
iv	Raj Rewal	Sangath