

**Bachelor of Architecture****3<sup>rd</sup> year, 1<sup>st</sup> semester Examination – 2024****Subject: Evolution of Architecture – III****Time: 3 hours****Full Marks: 100****Group A**

1. Relate the **Architects** and their corresponding works with the **isms**.(any 10) **10X1=10**

	<b>Architects</b>	<b>works</b>	<b>Isms</b>
1	Michelangelo	Crystal Palace , London	Anti - Urbanism
2	Le Corbusier	Viceroy's House ,New Delhi	Baroque
3	Cesar Pelli	Robie House, Chicago	Decorative Industrialism
4	Louis Khan	Petronas Tower, Kuala Lumpur	Expressionism
5	Edwin Lutyens	Villa Savoye, Poissy, France	Imperialism
6	Joseph Paxton	Biblioteca Laurenziana	Mannerism
7	Gianlorenzo Bernini	Crystal Palace,London	Materialism
8	Raymond Unwin	Sagrada Familia Church	Monumental Urbanism
9	Victor Horta	Yale University Art Gallery,US	Purism
10	Antonio Gaudi	Royal Pavillion	Skyscraperism
11	John Nash	Maison du Peuple,Brussels,Belgium	Structural Rationalism
12	F L Wright	Piazza San Pietro, Rome	Usonianism

2. Elaborate **any two** of the following four movements, on the points given below. **(2+6+7=15)**

i) Imperialism    ii) Decorative industrialism    iii) Materialism    iv) Expressionism

For each of them:

i) Describe the movement

ii) Identify three architects involved in the movement and mention two of their important works.

iii) Describe the achievements of one of the architects following the movements in detail.

3. Describe with diagrams (**any two**) : **(5X2=10)**

i)Buttressing

ii)Squinch

iii)Vaulting System

iv)Quinto acuto arch

4. Write short notes on **any two**. **(5X2=10)**

i) Characteristics of Romanesque architecture

ii) Human direction in Christian space

iii) Typical order used in classical European architecture

**(8+2=10)**

5. In terms of spanning uninterrupted spaces, what did the Byzantine architects achieve that the Roman builders could not? Explain with neat sketches, the nature of transition of uninterrupted Roman spaces into Byzantine ones.

6. i)What is the literal meaning of the word "Renaissance"? **(1+5+9=15)**

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ii) What are the principal phases of Italian Renaissance Architecture? State one identifying characteristics of each of these phases.

iii) Compare the three principal plan shapes that were evolved during the design of St.Peter's Rome at Vatican City.

7. i) Who is the father of Mannerist architecture? (1+2+2+1+4=10)

ii) Why was Mannerism also called as late Renaissance?

iii) How is Mannerism different from Renaissance?

iv) How long did the Mannerism period last?

v) How is Mannerism different from the High Renaissance style?

8. i) What was the major influence of Baroque architecture? (1+1+3=5)

ii) What were the main materials used in Baroque architecture?

iii) Describe the characteristics of Baroque architecture.

### **Group B**

(1x15=15)

9. Discuss the design considerations adopted in St. Clement Basilica, Rome with the help of neat sketches.

**Or**

10. Describe all the architectural and structural features of Hagia Sophia at Constantinople with appropriate sketches.