

**B.E. DEGREE EXAMINATIONS: APRIL / MAY 2010**

Second Semester

**CIVIL ENGINEERING**

U07CE201: Principles of Architecture

**Time: Three Hours**

**Maximum Marks: 100**

**Answer ALL the Questions:-**

**PART A (10 x 1 = 10 Marks)**

1. What is another name of local planning?  
a) International Planning    b) Town Planning    c) Both a and b    d) None of these
2. What is mean by line?  
a) Combination of a series of dots    b) End of work    c) Only a    d) Both a and b
3. What are the characters considered in principles of architecture?  
a) Unity    b) Composition    c) Contrast    d) All the above
4. What is mean by balance?  
a) Axis of reference    b) Weight measurement    c) Equalization    d) None of these
5. What is the function of architect?  
a) Arrangement of forms    b) Geometrical forms  
c) Space from the public utilities    d) All the above
6. Floor space index is the ratio of?  
a) Walls to floors    b) Walls to the area of land  
c) Floor area to the land area    d) Build up area to the plot area
7. What is mean by landscape architect?  
a) planning, design    b) oversight of an exterior landscape  
c) Only (a)    d) Both a & b
8. What are the services included in building?  
a) Water supply    b) Electrical service  
c) Telephone services    d) All the above
9. What is the objective of Louis khan modern architecture?  
a) Repetition of architecture    b) Design of building  
c) Lead to realization    d) Giving space to living
10. How the F.L.Wright called the House?  
a) Machine of living.    b) Resident    c) Rest of man    d) none of these

**PART B (10 x 2 = 20 Marks)**

11. What do you mean by Discord?
12. List the types of scale.

13. What are the different forms of planning?
14. What is the need of zoning?
15. Compare hot humid and dry arid season
16. How to achieve harmony of building elements?
17. What are the necessities of building bye laws?
18. What is the need of a hydrant?
19. What is modular co-ordination?
20. What do you mean by contemporary architecture?

**PART C (5 x 14 = 70 Marks)**

21. (a) Explain the Principles of architecture.

**(OR)**

(b) i) Explain the elements of architecture. (10)

ii) Define local planning and country planning. (4)

22. (a) i) List the types of scale and explain it. (10)

ii) What is the importance of unity in architecture? (4)

**(OR)**

(b) i) what are the basic principles of color decoration? (8)

ii) What are the three virtues of colour? (6)

23. (a) i) List some of the factors which influences visual impact and explain it. (10)

ii) What is the need of hydrant? (4)

**(OR)**

(b) Discuss in detail the characters of Indian trabeated architecture.

24. (a) Explain the factors influencing architecture.

**(OR)**

(b) i) Explain the principles underlying building byelaws. (10)

ii) Write short notes on:

1. Setback 2. FSI (2+2)

25. (a) Discuss the theme and philosophy of Le-Corbusier style of architecture.

**(OR)**

(b) Write a detailed note on contemporary architecture.

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