

# ADVANCE CONSTRUCTION TECHNIQUES & EQUIPMENTS

## (6<sup>TH</sup> SEMECTER, CIVIL ENGG.)

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(Selective Questions)

### 2 MARKS QUESTIONS

1. What do you mean by Prefabrication?
2. Define Retrofitting?
3. Define Cladding?
4. What is an Escalator?
5. Define Workability of concrete?
6. What is Planning construction Equipment?
7. What do you mean by curing of concrete?
8. What do you mean by Fibers?
9. What do you mean by PVC & RPVC?
10. What do you mean by reinforcing?
11. Define light intensity?
12. What do you mean by earthquake?
13. What is Earthling & Fuse?
14. What is drag line?
15. Where & why Vibrating compactors are used?
16. What do you mean by nominal mix concrete?
17. What do you mean by Building configuration?
18. What is planning & construction equipment?
19. What is shear wall?
20. What is Curvature durability?
21. What do you mean by natural period of a structure?
22. What is creep in concrete?
23. What do you mean by acceleration?
24. What do you mean by Gable band?
25. What do you mean by liquefaction?

5 MARKS QUESTIONS

1. Write down the material used in Pre fabrication System?
2. Explain the various kind of Earth moving equipment?
3. Explain the factors influencing the choice of mix proportion?
4. What is construction in planning & selection of construction equipments?
5. Write the Sources of weakness in R.C frame building?
6. What are the points to be considered for selection of wiring?
7. Advantages & disadvantages of fabrication?
8. What are the factors affecting workability of concrete?
9. State the general principles for central plants layout for hot water supply?
10. Classified technique used in retrofitting of buildings?
11. What are the durability requirements of concrete as per I.S.456?
12. Write the advantages & disadvantages of Concrete?
13. Short notes of Acoustic material, Geo-Synthetics?

10 MARKS QUESTIONS

1. Describe the properties & uses of artificial timber?
2. Describe the various types of cladding used in construction?
3. Describe the various types of plastic used as construction material?
4. Classified retrofitting techniques & describe their uses?
5. Explain the procedure of concrete mix design?
6. Describe the Assumption made in the earthquake resistant design of structure?
7. Describe structural irregularities in building?
8. What are the systems & problems on ventilation? Describe with Sketches?
9. Briefly describe, the classification of bulldozers & its uses?
10. Distinguish between lift, escalators & elevation indicating their types & uses?

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