

V. S. B. ENGINEERING COLLEGE, KARUR.
DEPARTMENT OF CIVIL ENGINEERING
ASSIGNMENT QUESTIONS

Class/Semester: IV Year/VIII Semester “A” & “B” Section

Name of the Faculty Member: Mr.B.YUGESH KUMAR

Subject: Principles of Management

1. "There is no important area of human activity than management since its task is that of getting things done through people". Discuss.
2. "Management is both a science and an art". Discuss this statement, giving suitable examples.
3. Define Management. How does it differ from Administration?
4. What do you understand by the term "Levels of Management"? Explain with reference to an organization with which you are familiar.
5. Briefly discuss the nature and scope of Management.
6. What are the functions of a Manager? Is mere knowledge of Management enough to become successful manager?
7. Discuss basic principles of Management along with their significance.
8. Discuss and illustrate the meaning, definition and characteristics of management in modern organizations.
9. What is Management? Explain the principles of management with suitable illustrations.
10. What are the some early evidences of management practice? Explain why division of labour and the industrial revolution are important to the study of management?
11. "F.W.Taylor is said to be the father of scientific management and Henri Fayol, the father of principles of management". Critically examine the statement.
12. Write a note on the evolution of management thought. What are the recent trends in management thoughts?
13. Assess the role of following in development of management thoughts:
a) Henry Gantt b) Weber c) Maslow d) Elton Mayo
14. "Managerial planning seeks to achieve a coordinated structure of operations".
Comment.
15. What do you understand by planning? Define its objectives and assess its importance.
What should be done to overcome its limitations?

Signature of faculty member

HoD/Civil

V.S.B ENGINEERING COLLEGE, KARUR
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ASSINGMENT QUESTIONS

CE6016 - PREFABRICATED STRUCTURES

Year/Semester: IV Year/ VIII Semester B.E., Civil Engineering 'A' & 'B' Sec

Name of the Faculty Member: Mr.V.T.S.Vignesh

1. Explain the problems in design of joint flexibility and allowance for joint deformation.
2. Enumerate the steps involved in the process of disuniting of prefabricated structures.
3. Explain merits and demerits of expansion joint in prefabricated structures.
4. Explicate about the types of connections.
5. Briefly explain the stages of work in precasting with a flow chart.
6. Describe about any two types of beam-column joint.
7. Explain the significance of standardization in prefabrication.
8. Illuminate in detail about the important aspects considered during hoisting, erection and transportation of precast elements.
9. Give details the behaviour of roof and floor slabs construction with suitable sketches.
10. Explain about the codal provisions in prefabricated structures.
11. List out the limitations of prefabrication.
12. Explain the prefabrication in developing countries: a case study of India.
13. Give the recommendation for detailing the precast element in respect of the connection and erection.
14. Based on the location within a building, how connections can be classified?
15. Briefly explain the prefabricated modular housing: a case study.

V.S.B. ENGINEERING COLLEGE, KARUR
DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR: 2017-2018 (EVEN SEMESTER)
ASSIGNMENT QUESTIONS

Name of the Course (Subject): Repair and Rehabilitation of structures

Faculty Name: Mr.R.Kartheeswaran

Class / Semester: IV Year / VIII Semester B.E., Civil Engineering 'A' and 'B' Sections

ANSWER ALL THE QUESTIONS

1. Describe the steps in the assessment procedure for evaluate damage in structure.
2. Explain the various cause for deterioration of concrete structure.
3. Describe in detail about the prevention aspect of maintenance.
4. Describe in detail about the repair aspect of maintenance.
5. Explain in detail about the permeability of concrete.
6. Explain in detail about quality assurance.
7. Describe the various components of quality control.
8. Discuss in detail about the thermal properties of concrete.
9. Elaborately explain about the effect of temperature on concrete.
10. Explain the various corrosion protection methods.
11. Explain in detail about expansive cement.
12. Briefly explain about polymer concrete and its types
13. Explain in detail about sulphur infiltrated concrete.
14. Explain in detail ferrocement.
15. Explain in detail fibre reinforced concrete.
16. Explain in detail fiber reinforced polymeric meshes
17. Briefly explain about vacuum concrete.
18. Explain in detail about gunite.
19. Explain rust eliminators
20. Explain the process of a damaged structure.
21. Describe in detail about the various demolition techniques.
22. Describe in detail about the impulsion method of demolition of structure.
23. Discuss in detail about any case study on demolition of structures.
23. Explain the various techniques available for repair of cracks.
24. Explain the various techniques to repair spalling and disintegration of concrete.
25. Describe the various strengthening techniques to overcome low member strength.

Prepared by

Approved by

(Mr.R.Kartheeswaran, AP/Civil)

(Mr.R.Gowrishankar, HOD/Civil)