

V.S.B. ENGINEERING COLLEGE, KARUR
Department of Civil Engineering
Academic Year: 2018-2019 (EVEN Semester)
Assignment Questions

Class / Semester: IV year / VIII Semester B.E., Civil Engineering 'A' Section

Name of Subject: Prefabricated Structures

Name of Faculty member: C.Mohanaselvan

Sl. No.	Name of the Student	Questions
1	AARTHI M	Explain in detail about the types of cranes used for lifting of prefab elements.
2	ADITHYA S	What are the methods used in stress elimination in precast members.
3	AKALYA V	Explain merits and demerits of expansion joint in prefabricated structures.
4	ARUN KUMAR T	Explicate about the types of connections in bridge decks.
5	ASHWIN R	Briefly explain the stages of work in precasting with a flow chart.
6	BALAMURUGAN S	Describe about any two types of beam-column joint.
7	BHUVANESH L	Explain the significance of standardization in prefabrication.
8	DEEPIKA B	Illuminate in detail about the important aspects considered during hoisting, erection and transportation of precast elements.
9	DEVENDRAN A	Explain the precautions taken during the manufacturing process.
10	DHURASAMY S	Explain about the codal provisions in prefabricated structures.
11	DINESH K	List the limitations of prefabrication.
12	GOKULA KRISHNAN R T	Explain the prefabrication in developing countries: a case study of India.
13	GOWSALYA A	Give the recommendation for detailing the precast element in respect of the connection and erection.
14	INDUMATHI S	Based on the location within a building, how connections can be classified?
15	KAMALI V	Briefly explain the prefabricated modular housing: a case study.
16	KANNAN G	Explain the merits and demerits of contraction joints.
17	KARTHIKA N	Describe framed buildings with partial and curtain walls.
18	KAVIARASU S	Write in detail about installation of prefabricated elements.
19	KAVIYARASU A	What are the design requirements of precast truss?
20	KAVYA M	Explain in detail the precautions taken during the transportation process.
21	KEERTHANA S R	How does the material used in construction affect the design of floor slabs?
22	KIRTHIKA M	What are the factors associated with curtain walls? Explain in detail.
23	KOKILA B	List the types of sealants used to prevent leakage in joints.
24	KRISHNA KUMARI K	Mention the uses of cylindrical prefabricated planks.
25	MAHAALAKSHMI K P	Illustrate with a neat sketch an industrial shed with arrangement

		of crane girders and roof trusses.
26	MANIKANDAN M	Give the different types of finishes adopted for precast elements.
27	MANIKANDAN M	What is the function of a corbel?
28	MANJUMITHRA R	What are the advantages of cylindrical shells?
29	MANOJ R	Write short notes on one way and two way slabs.
30	MOHAMED ABBAS A	List the steps for analysis and design of hollow core slabs with appropriate sketches.
31	MOHAMED IBRAHIMKHAN M	Discuss in detail the ultimate strength calculations in shear and flexure for slabs.
32	MOHANAVALLI D	Describe in detail the pattern of load transfer from floor to wall panels.
33	MONISHADEVI P	What are the factors affecting the stability of wall panels, explain in detail.
34	ARUN K	Give a detailed account about the design of wind bracing in a precast building.
35	DINAKARAN R	Classify the structure of building based on the load distribution and briefly explain the different types of such prefabricated building.
36	GOMATHI T	Explain the strong column and weak beam concept.
37	KALAISELVI K	Write in detail about dimension tolerances.
38	MAHENDRAN P	Describe with neat sketches the organization of a prefabrication plant for manufacture of small element.
39	PRADEEP M	Explain in detail (i) beam to column connection (ii) doors and windows to wall connection.
40	RAJESHKUMAR D	Discuss in detail about the prefabricated modular construction- a case study of India.

Signature of Faculty Member

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V.S.B. ENGINEERING COLLEGE, KARUR
Department of Civil Engineering
Academic Year: 2018-2019 (EVEN Semester)
Assignment Questions

Class / Semester: IV year / VIII Semester B.E., Civil Engineering 'B' Section

Name of Subject: Prefabricated Structures

Name of Faculty member: C.Mohanaselvan

Sl. No.	Name of the Student	Questions
1	MUGESH H	Explain in detail about the types of cranes used for lifting of prefab elements.
2	MUHAMMAD VUVAISE B	What are the methods used in stress elimination in precast members.
3	MURALIDHARAN M	Explain merits and demerits of expansion joint in prefabricated structures.
4	MUTHULAKSHMI P	Explicate about the types of connections in bridge decks.
5	MUTHU VAIRAVAN A L	Briefly explain the stages of work in precasting with a flow chart.
6	MYTHILI S A	Describe about any two types of beam-column joint.
7	NANDHINI M	Explain the significance of standardization in prefabrication.
8	NANDHINI N	Illuminate in detail about the important aspects considered during hoisting, erection and transportation of precast elements.
9	NAVEENKUMAR M (29.10.97)	Explain the precautions taken during the manufacturing process.
10	NAVEENKUMAR M (12.02.98)	Explain about the codal provisions in prefabricated structures.
11	NAVEENSANKAR S	List the limitations of prefabrication.
12	PAVITHRA R	Explain the prefabrication in developing countries: a case study of India.
13	PRAVEEN M V	Give the recommendation for detailing the precast element in respect of the connection and erection.
14	PRIYADHARSINI M	Based on the location within a building, how connections can be classified?
15	PRIYADHARSINI T	Briefly explain the prefabricated modular housing: a case study.
16	RAMYA BHARATHI M	Explain the merits and demerits of contraction joints.
17	RANJITH M	Describe framed buildings with partial and curtain walls.
18	SANJAI KUMAR R	Write in detail about installation of prefabricated elements.
19	SATHYA S	What are the design requirements of precast truss?
20	SHAJITHULLAH S	Explain in detail the precautions taken during the transportation process.
21	SHEIK SADAM HUSSAIN K S	How does the material used in construction affect the design of floor slabs?
22	SIVA PRAKASH A A	What are the factors associated with curtain walls? Explain in detail.
23	SOUNDARYA M	List the types of sealants used to prevent leakage in joints.

24	SUBALAKSHMI B	Mention the uses of cylindrical prefabricated planks.
25	SUBASH CHANDRU T	Illustrate with a neat sketch an industrial shed with arrangement of crane girders and roof trusses.
26	SUMESH KUMAR M	Give the different types of finishes adopted for precast elements.
27	SURYA S	What is the function of a corbel?
28	SUSMITHA P	What are the advantages of cylindrical shells?
29	VAIRAVABHARATHI A R	Write short notes on one way and two way slabs.
30	VELMURUGAN P	List the steps for analysis and design of hollow core slabs with appropriate sketches.
31	VENKADESH KUMAR S	Discuss in detail the ultimate strength calculations in shear and flexure for slabs.
32	VENMATHI V	Describe in detail the pattern of load transfer from floor to wall panels.
33	VIMALKUMAR R	What are the factors affecting the stability of wall panels, explain in detail.
34	VINITHA P	Give a detailed account about the design of wind bracing in a precast building.
35	SHALINI K	Classify the structure of building based on the load distribution and briefly explain the different types of such prefabricated building.
36	SIVAKUMAR P	Explain the strong column and weak beam concept.
37	VIJAY G	Write in detail about dimension tolerances.
38	VIJAY P	Describe with neat sketches the organization of a prefabrication plant for manufacture of small element.

Signature of Faculty Member

HoD

V.S.B. ENGINEERING COLLEGE, KARUR
Department of Civil Engineering
Academic Year: 2018-2019 (EVEN Semester)
Assignment Questions

Class / Semester: IV year / VIII Semester B.E., Civil Engineering 'B' Section

Name of Subject: Principles of Management

Name of Faculty member: P.Muralikrishna

S.No.	Regd Number	Name of the Student	Assignment Questions
1.	922515103039	MUGESH H	What is leadership? Explain characteristics of different leadership styles.
2.	922515103040	MUHAMMAD VUVAISE B	What is organizing? Explain line and staff relationship in detail.
3.	922515103041	MURALIDHARAN M	Discuss in detail any four methods of performance appraisal.
4.	922515103042	MUTHULAKSHMI P	What is Departmentation? What are the different bases of Departmentation?
5.	922515103043	MUTHU VAIRAVAN A L	What are the different types of Communication? Discuss them.
6.	922515103044	MYTHILI S A	Explain different styles of leadership based on authority.
7.	922515103045	NANDHINI M	What are the important tools and techniques available for system design and improvement?
8.	922515103046	NANDHINI N	What do you understand by principles of Preventive control? Explain its advantages.
9.	922515103047	NAVEENKUMAR M (29.10.97)	Explain how does operations research helps to enhance Productivity.
10.	922515103048	NAVEENKUMAR M (12.02.98)	Explain in detail the basic control process.
11.	922515103049	NAVEENSANKAR S	What is Selection? What are the different selection tests? Explain them.
12.	922515103050	PAVITHRA R	Explain the concept of Formal and informal Organization.
13.	922515103051	PRAVEEN M V	Discuss the Principles of Management in detail.
14.	922515103052	PRIYADHARSINI M	What are different types of Decisions? Explain rational decision making process.
15.	922515103053	PRIYADHARSINI T	Discuss the merits and demerits of centralization and decentralization
16.	922515103054	RAMYA BHARATHI M	Explain the concept of functional authority. How do you delegate it?
17.	922515103055	RANJITH M	Discuss in detail the "Selection Process".
18.	922515103056	SANJAI KUMAR R	Explain the steps involved in MBO Comprehensive management function it

			has wider applications like planning, motivation, performance evaluation.
19.	922515103057	SATHYA S	What is Planning? Explain the steps involved in Planning.
20.	922515103058	SHAJITHULLAH S	What are different types of Plans? Explain.
21.	922515103059	SHEIK SADAM HUSSAIN K S	Define Management. What are the functions that the managers perform to attain the set of goals? Explain them.
22.	922515103061	SIVA PRAKASH A A	What do you understand by management science theory? Explain it.
23.	922515103062	SOUNDARYA M	Why is it important to study the various management theories that have been developed? Explain.
24.	922515103063	SUBALAKSHMI B	What are the functions of managers? Explain with examples.
25.	922515103064	SUBASH CHANDRU T	Explain the three approaches generally adopted by managers in selecting an alternative.
26.	922515103065	SUMESH KUMAR M	Explain the chain of command.
27.	922515103067	SURYA S	Explain the benefits of management by Objectives.
28.	922515103068	SUSMITHA P	Explain the purpose of planning?
29.	922515103069	VAIRAVABHARATHI A R	Explain the decision making strategies.
30.	922515103071	VELMURUGAN P	Explain the various types of decision making models?
31.	922515103072	VENKADESH KUMAR S	Why is informal organization needed? Explain.
32.	922515103073	VENMATHI V	Distinguish between motivation and satisfaction
33.	922515103076	VIMALKUMAR R	Explain the various types of leadership styles.
34.	922515103077	VINITHA P	What are the ways that the internationalization takes place? Explain.
35.	922515103701	SHALINI K	What is Economic environment? Explain Globally.
36.	922515103309	SIVAKUMAR P	What are the different types of inventories? Explain them.
37.	922515103310	VIJAY G	Distinguish between decision under risk and Uncertainty?
38.	922515103311	VIJAY P	Describe in detail about MBO?

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Academic Year: 2018-2019 (EVEN Semester)
Assignment Questions

Class / Semester: IV year / VIII Semester B.E., Civil Engineering 'A' Section

Name of Subject: Principles of Management

Name of Faculty member: V.Sudha

S.No.	Name of the Student	Assignment Questions
1.	AARTHI M	What is leadership? Explain characteristics of different leadership styles.
2.	ADITHYA S	What is organizing? Explain line and staff relationship in detail.
3.	AKALYA V	Discuss in detail any four methods of performance appraisal.
4.	ARUN KUMAR T	What is Departmentation? What are the different bases of Departmentation?
5.	ASHWIN R	What are the different types of Communication? Discuss them.
6.	BALAMURUGAN S	Explain different styles of leadership based on authority.
7.	BHUVANESH L	What are the important tools and techniques available for system design and improvement?
8.	DEEPIKA B	What do you understand by principles of Preventive control? Explain its advantages.
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10.	DHURASAMY S	Explain in detail the basic control process.
11.	DINESH K	What is Selection? What are the different selection tests? Explain them.
12.	GOKULA KRISHNAN R T	Explain the concept of Formal and informal Organization.
13.	GOWSALYA A	Discuss the Principles of Management in detail.
14.	INDUMATHI S	What are different types of Decisions? Explain rational decision making process.
15.	KAMALI V	Discuss the merits and demerits of centralization and decentralization
16.	KANNAN G	Explain the concept of functional authority. How do you delegate it?
17.	KARTHIKA N	Discuss in detail the "Selection Process".
18.	KAVIARASU S	Explain the steps involved in MBO Comprehensive management function it has wider applications like

		planning, motivation, performance evaluation.
19.	KAVIYARASU A	What is Planning? Explain the steps involved in Planning.
20.	KAVYA M	What are different types of Plans? Explain.
21.	KEERTHANA S R	Define Management. What are the functions that the managers perform to attain the set of goals? Explain them.
22.	KIRTHIKA M	What do you understand by management science theory? Explain it.
23.	KOKILA B	Why is it important to study the various management theories that have been developed? Explain.
24.	KRISHNA KUMARI K	What are the functions of managers? Explain with examples.
25.	MAHAALAKSHMI K P	Explain the three approaches generally adopted by managers in selecting an alternative.
26.	MANIKANDAN M	Explain the chain of command.
27.	MANIKANDAN M	Explain the benefits of management by Objectives.
28.	MANJUMITHRA R	Explain the purpose of planning?
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36.	GOMATHI T	What are the different types of inventories? Explain them.
37.	KALAISELVI K	Distinguish between decision under risk and Uncertainty?
38.	MAHENDRAN P	Describe in detail about MBO?

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Department of Civil Engineering
Academic Year: 2018-2019 (EVEN Semester)
Assignment Questions

Class / Semester: IV year / VIII Semester B.E. – Civil Engineering
Name of Subject: CE-6021 Repair and Rehabilitation of Structure
Name of Faculty member: P.Queen Shulamite

Sl. No.	Name of the Student	Questions
1	MUGESH H	What do you mean by deterioration? Explain the mechanism of deterioration in concrete structures?
2	MUHAMMAD VUVAISE B	Discuss in detail the various factors responsible for deterioration.
3	MURALIDHARAN M	Discuss in detail various construction stage defects & their preventive measures?
4	MUTHULAKSHMI P	What are the various pre-construction stage damages & How can it be rectified?
5	MUTHU VAIRAVAN A L	Explain the cracking phenomena in plastic concrete. Give the remedial measures.
6	MYTHILI S A	Name various chemical attacks in concrete & Explain their mechanism in detail. Give the preventive measures?
7	NANDHINI M	What is carbonation, factors effecting carbonation? Explain its mechanism in details, suggest suitable remedial measures.
8	NANDHINI N	Explain in detail various causes of damage in fresh state? Suggest the suitable remedial measures?
9	NAVEENKUMAR M (29.10.97)	Explain in detail regarding mechanism of accidental overloads in concrete and their remedial measures?
10	NAVEENKUMAR M (12.02.98)	Explain in detail regarding mechanism of temperature variation in concrete and their remedial measures?
11	NAVEENSANKAR S	What are the various methods of locating in structural members? Discuss any one method in detail.
12	PAVITHRA R	Write about preventive measures that ensure good protection for new structures.
13	PRAVEEN M V	Write notes on symptoms of corrosion.
14	PRIYADHARSINI M	Explain the method of repairing corroded steel in R.C structure?
15	PRIYADHARSINI T	Write about the chloride penetration and factors on which their it depends.
16	RAMYA BHARATHI M	Write about the embedded metal corrosion and tolerable crack widths to avoid the rebar corrosion
17	RANJITH M	Describe the method of protecting building against fire?

18	SANJAI KUMAR R	On What basis is a structure designed to withstand fire.
19	SATHYA S	Give description about fire damaged structures.
20	SHAJITHULLAH S	What is meant by cementitious spray fire proofing?
21	SHEIK SADAM HUSSAIN K S	Describe the concrete encasement method of protecting building against fire?
22	SIVA PRAKASH A A	Explain the Compression test & Tension Test?
23	SOUNDARYA M	Explain carbonation test & Cathodic protection test?
24	SUBALAKSHMI B	Describe the occurrence of distress Due to Pre-construction stage, Construction stage and Post construction stage?
25	SUBASH CHANDRU T	Give a brief description about the factors that influence the investigation plan.
26	SUMESH KUMAR M	What are the various aspects that will be covered during inspection of damaged buildings?
27	SURYA S	Elaborate the factors influencing electrical resistivity measurements?
28	SUSMITHA P	What is the role of NDT in qualifying the structure after retrofitting?
29	VAIRAVABHARATHI A R	Describe Electrical Resistivity method and its influencing factors?
30	VELMURUGAN P	Explain petro graphic analysis and its application in civil engineering structures?
31	VENKADESH KUMAR S	Briefly describe various voids detection tests along with their merits and demerits?
32	VENMATHI V	Explain commonly used NDT tests and Write its advantages over other tests?
33	VIMALKUMAR R	Explain Initial Surface absorption test & brief its demerits?
34	VINITHA P	What is the methodology for the investigations of failures in buildings and explain any one method?
35	SHALINI K	Describe briefly about Damage classification based on preliminary investigation?
36	SIVAKUMAR P	What is detailed investigation? Explain Scope and methodology of detailed investigation
37	VIJAY G	Write about preliminary investigations any type of structure failure.
38	VIJAY P	Describe ultrasonic pulse velocity test of concrete members with sketch?

Signature of the Faculty member

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V.S.B. ENGINEERING COLLEGE, KARUR
Department of Civil Engineering
Academic Year: 2018-2019 (EVEN Semester)
Assignment Questions

Class / Semester: IV year / VII Semester B.E. – Civil Engineering
Name of Subject: CE-6021 Repair and Rehabilitation of Structure
Name of Faculty member: V.T.S.Vignesh

Sl. No.	Name of the Student	Questions
1	AARTHI M	What do you mean by deterioration? Explain the mechanism of deterioration in concrete structures?
2	ADITHYA S	Discuss in detail the various factors responsible for deterioration.
3	AKALYA V	Discuss in detail various construction stage defects & their preventive measures?
4	ARUN KUMAR T	What are the various pre-construction stage damages & How can it be rectified?
5	ASHWIN R	Explain the cracking phenomena in plastic concrete. Give the remedial measures.
6	BALAMURUGAN S	Name various chemical attacks in concrete & Explain their mechanism in detail. Give the preventive measures?
7	BHUVANESH L	What is carbonation, factors effecting carbonation? Explain its mechanism in details, suggest suitable remedial measures.
8	DEEPIKA B	Explain in detail various causes of damage in fresh state? Suggest the suitable remedial measures?
9	DEVENDRAN A	Explain in detail regarding mechanism of accidental overloads in concrete and their remedial measures?
10	DHURAISAMY S	Explain in detail regarding mechanism of temperature variation in concrete and their remedial measures?
11	DINESH K	What are the various methods of locating in structural members? Discuss any one method in detail.
12	GOKULA KRISHNAN R T	Write about preventive measures that ensure good protection for new structures.
13	GOWSALYA A	Write notes on symptoms of corrosion.
14	INDUMATHI S	Explain the method of repairing corroded steel in R.C structure?
15	KAMALI V	Write about the chloride penetration and factors on which their it depends.
16	KANNAN G	Write about the embedded metal corrosion and tolerable crack widths to avoid the rebar corrosion
17	KARTHIKA N	Describe the method of protecting building against fire?
18	KAVIARASU S	On What basis is a structure designed to withstand fire.

19	KAVIYARASU A	Give description about fire damaged structures.
20	KAVYA M	What is meant by cementitious spray fire proofing?
21	KEERTHANA S R	Describe the concrete encasement method of protecting building against fire?
22	KIRTHIKA M	Explain the Compression test & Tension Test?
23	KOKILA B	Explain carbonation test & Cathodic protection test?
24	KRISHNA KUMARI K	Describe the occurrence of distress Due to Pre-construction stage, Construction stage and Post construction stage?
25	MAHAALAKSHMI K P	Give a brief description about the factors that influence the investigation plan.
26	MANIKANDAN M	What are the various aspects that will be covered during inspection of damaged buildings?
27	MANIKANDAN M	Elaborate the factors influencing electrical resistivity measurements?
28	MANJUMITHRA R	What is the role of NDT in qualifying the structure after retrofitting?
29	MANOJ R	Describe Electrical Resistivity method and its influencing factors?
30	MOHAMED ABBAS A	Explain petro graphic analysis and its application in civil engineering structures?
31	MOHAMED IBRAHIMKHAN M	Briefly describe various voids detection tests along with their merits and demerits?
32	MOHANAVALLI D	Explain commonly used NDT tests and Write its advantages over other tests?
33	MONISHADEVI P	Explain Initial Surface absorption test & brief its demerits?
34	ARUN K	What is the methodology for the investigations of failures in buildings and explain any one method?
35	DINAKARAN R	Describe briefly about Damage classification based on preliminary investigation?
36	GOMATHI T	What is detailed investigation? Explain Scope and methodology of detailed investigation
37	KALAISELVI K	Write about preliminary investigations any type of structure failure.
38	MAHENDRAN P	Describe ultrasonic pulse velocity test of concrete members with sketch?
39	PRADEEP M	List the various tests used and types of tests undertaken preliminary assessment of damages.
40	RAJESHKUMAR D	Evaluate the test method vulnerability of reinforced concrete structure.

Signature of the Faculty member

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