

**Chettinad**

College of Engineering & Technology

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Department of Civil Engineering**CE8022 – Prefabricated Structures****Unit II – MCQ Bank**

1. Small Prefabrication means area

- a. more than 2m^2
- b. less than 2m^2**
- c. does not depends on area
- d. None of the above

Answer: b

2. Brick infill wall acts as a shear wall

- a. True**
- b. False

Answer: a

3. Lifting points are usually at $0.25 L$ from each end of column

- a. $0.5 L$
- b. $0.75L$
- c. $0.25L$**
- d. $0.15L$

Answer: c

4. Large panels are used for only walls

- a. True
- b. False**

Answer: b

5. What is strength requirement for precast columns of 50N/mm^2

- a. Equal to 50N/mm^2
- b. Less than 50N/mm^2
- c. Greater than 50N/mm^2**

Answer: c

6. Mould used for large panel prefabricates.

- a. Tilting mould**
- b. Battery mould
- c. Stack mould
- d. None of the above

Answer: a

7. Arrange the Stages of design of a prefabricated components:

- A. service
 - B. Factory handling and transportation
 - C. On site erection and temporary stability
- a. A-B-C
 - b. B-A-C
 - c. B-C-A**
 - d. C-B-A

Answer: c

8. CBRI stands for

- a. Central Building Repair Institute
- b. Central Building Research Institute**
- c. Central Building Road Institute

Answer: b

9. Pick the forms of Prefabricated Floor/ roof systems

- a. Solid slab
- b. Hollow core
- c. Double Tee
- d. All the above**

Answer: d

10. Advantage of Hollow core slabs

- a. Reduce the overall weight
- b. Reduce the material cost
- c. Provides both acoustical and thermal-energy breaks
- d. All the above**

Answer: d

11. Recommended Roof /Floor system for ware houses

- a. Solid slab
- b. Hollowcore
- c. Double Tee**
- d. Single Tee

Answer: c

12. One type of wall panel is called Sandwich Panel

- a. True**
- b. False

Answer: a

13. Recommended storage of wall panels is

- a. Inclined
- b. Horizontal
- c. Vertical**

Answer: c

14. In lift-slab system with walls slabs are poured

- a. **On the ground in forms, one on top of the other**
- b. On the ground, adjacent to each other
- c. In the factory

Answer: a

15. Code Practice For Construction With Large Panel Prefabricates is

- a. IS 875
- b. IS 800
- c. IS 1874

d. IS 11447

Answer: d

16. In the following Roof/Floor system which one is not a system of CBRI

- a. Precast Channel Unit For Floor/Roof
- b. Precast RC plank roofing system
- c. Precast hollow core unit

d. Double Tee

Answer: d

17. Precast shell beam is as an isolated structural element.

- a. True
- b. False**

Answer: b

18. In frame-panel buildings wall panels are -----

- a. Load bearing
- b. Non load bearing**
- c. Partially take loads
- d. None of the above

Answer: b

19. Shear walls are vertical elements of the horizontal force resisting

a. True

b. False

Answer: a

20. In the following which is not the defects in wall panels

a. Bowing

b. Wrapping

c. Cracking

d. Chalking

Answer: d

21. How many type of prefabricated components are

a. 2

b. 3

c. 4

Answer: a

22. A wall which resist the lateral load is

a. Shear wall

b. Precast wall

c. Brick wall

Answer: a

23. What are the load acting on the wall panel members

a. Dead load

b. Live load

c. Dynamic load

d. All the above

Answer: d

24. How many type of prefabricated structural components are

a. 6

b. 7

c. 8

Answer: a

25. In two way system the wall are placed in both the direction

a. True

b. False

Answer: a