

SHUTTERING CARPENTER SYSTEM
THEORY QUESTION SET-1 (Level-4)

CON/N0302: Make wooden shutters used in shuttering carpentry

1. Identify the tool from given picture? (3)

- i. Hammer
- ii. Planer
- iii. Wood cutting saw
- iv. None of the above



2. Identify the tool from given picture? (3)

- i. Circular saw
- ii. Jig saw
- iii. Hammer
- iv. None of the above

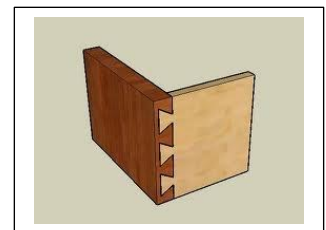


3. Which of the following is/are the advantages of wooden formwork? (2)

- i. Easy to assemble and disassemble
- ii. Light weight
- iii. Easily replaceable
- iv. All of the above

4. Identify the type of joint shown in given picture? (3)

- i. Half lap joints
- ii. Mitered butt joint
- iii. Mortise and tenon joint
- iv. Dovetail joint



5. 1 Meter = _____ Feet? (3)

- i. 4 Feet
- ii. 5 Feet
- iii. 3.28 Feet
- iv. None of the above

6. Identify the type of nail from given picture? (3)

- i. Common Nail
- ii. Finishing Nail
- iii. Box Nail
- iv. Casing Nail



7. Which of the following is not a component of wooden shuttering? (3)

- i. Brackets
- ii. Wedge
- iii. Reinforcement
- iv. All of the above

CON/N0303: Assemble and dismantle system formwork for RCC structures

8. What is the function of releasing agent applied on formwork? (3)

- i. Easy removal of shutters
- ii. Higher concrete strength
- iii. Low concrete strength
- iv. None of the above

9. Turn buckle is used for _____ . (3)

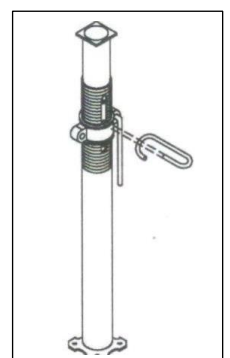
- i. To provide support to shuttering panels
- ii. To provide easy access
- iii. To maintain concrete strength
- iv. None of the above

10. Which of the following system formwork is being used in India? (3)

- i. DOKA
- ii. PERI
- iii. MIVAN
- iv. All of the above

11. Identify the component of System formwork from given picture? (3)

- i. Rocker
- ii. Adjustable prop
- iii. Stub pin
- iv. None of the above



12. In system formwork, which component forms the wall face at the bottom of the wall? (3)

- i. Pin & Wedges
- ii. Rocker
- iii. Kicker
- iv. None of the above

13. What is the correct sequence for the removal of forms from the underside of an elevated slab?? (3)

- i. From the outermost column inward
- ii. From the outermost column outward
- iii. From the middle of the span in one direction
- iv. From the middle of the span in both direction

14. When should you remove wall ties in system formwork? (2)

- i. Along with de-shuttering
- ii. Wall ties should not be removed
- iii. During plastering work
- iv. After the completion of curing period

CON/N0304: Carry out quality checks for shuttering works

15. Identify the tool from given picture? (3)

- i. Nailing Hammer
- ii. Straight peen hammer
- iii. Cross peen hammer
- iv. Soft hammer



16. What is the purpose of cover in reinforcement? (3)

- i. Provide protection to the bars from corrosion
- ii. Provide resistance from fire
- iii. Both
- iv. None of the above

17. Identify the tool from given picture. (2)

- i. Water level
- ii. Spirit level
- iii. Plumb bob
- iv. None of the above



18. Spirit level is used to check _____ of formwork? (3)

- i. Verticality
- ii. Alignment
- iii. Horizontalness
- iv. None of the above

19. If not properly sealed, formwork joints can lead to _____. (3)

- i. Honeycombing in concrete
- ii. Leakage of slurry
- iii. Both
- iv. None of the above

20. Which of the following leads to failure of formwork? (3)

- i. Proper scaffolding
- ii. Loose pin & wedges/loose tie rods
- iii. Proper bracing
- iv. All of the above

21. Which of the following is a characteristic of good formwork? (3)

- i. It is protected against all leakage
- ii. It should permit removal of all parts without damaging the concrete surface
- iii. It should have desired level and line
- iv. All of the above

CON/N8001: Work effectively in a team to deliver desired results at the workplace

22. What are the benefits of seeking advice from seniors? (3)

- i. It helps in error resolution
- ii. It helps in completing the task early
- iii. It helps in performing the task more effectively
- iv. All of the above

23. Improper communication can lead to _____. (3)

- i. Completing work on time
- ii. Hazardous conditions
- iii. Both
- iv. None of the above

24. What are the main characteristics of a good work schedule? (3)

- i. Priorities to important works
- ii. Realistic timelines
- iii. Both
- iv. None of the above

25. What would you do if there is shot circuit in vacuum dewatering pump? (3)

- i. Continue to work with it
- ii. Throw away the pump
- iii. Report it to the superiors
- iv. None of the above

26. What are the benefits of team discussion? (3)

- i. It helps in delay of works
- ii. It helps in bad quality of works
- iii. It helps in improving work quality and understanding between the team
- iv. None of the above

27. What would you do if you have a conflict with your teammate? (3)

- i. Fight with him
- ii. Abuse him
- iii. Complain to the seniors
- iv. Try to resolve the problems by talking to him

28. Which among the following is helpful in building good relationship between the various teams of the project? (2)

- i. Interrupt them while working
- ii. Ignore them
- iii. Talk and discuss work with them
- iv. None of the above

CON/N8002: Plan and organise work to meet expected outcomes

29. What would you do to complete a task in the given time frame? (3)

- i. Show lazy behaviour
- ii. Work alone
- iii. Work with team by distributing work as per their competencies
- iv. None of the above

30. What would you do if you have surplus material? (3)

- i. Throw it away
- ii. Waste it
- iii. Keep it in a good place to avoid wastage
- iv. None of the above

31. What are the demerits of bad housekeeping? (3)

- i. It may cause tripping of worker
- ii. It may cause unforeseen accidents
- iii. It may lead to fire (Only for flammable material)
- iv. All of the above

32. What would you decide to do first? (2)

- i. Tasks which are not on priority
- ii. Task which are on priority
- iii. Both
- iv. None of the above

33. Why work schedules are important? (3)

- i. It helps us in delaying a task
- ii. It helps in delay of the project
- iii. It helps in understanding the timelines and sequence of activities
- iv. None of the above

34. Which of the following is essential to understand the sequence of job? (3)

- i. Job specification
- ii. Method statement
- iii. Progress tracker
- iv. None of the above

35. Which of the following is essential to understand the timeline of job? (3)

- i. Work schedule
- ii. Technical specification
- iii. Work permit
- iv. None of the above

CON/N9001: Work according to personal health, safety and environment protocol at construction site

36. Which of the following is an unsafe working practice? (3)

- i. Working on height with body harness
- ii. Working on wet platform
- iii. Working with hard hat on your head
- iv. None of the above

37. Site safety induction is important, why? (3)

- i. To aware the workers of safety practices
- ii. To aware them of hazards and their resolutions
- iii. To make them understand the importance of PPE's
- iv. All of the above

38. What is the use of ear plug? (3)

- i. To protect ears from high pitched sound
- ii. To protect the head from falling objects
- iii. To protect eyes from dust and debris
- iv. All of the above

39. Power tools should be operated by _____? (3)

- i. A person with no expertise of that tool
- ii. By mason's only
- iii. By labours only
- iv. A person with expertise in operation of that tool

40. Ladder should be placed at an angle of _____ from ground. (3)

- i. 90°
- ii. 60°
- iii. 180°
- iv. 270°

41. It is required to store _____ away from the electrical panels. (3)

- i. Cement
- ii. Sand
- iii. Flammable material
- iv. Bricks

42. Which of the following is a good safety practice? (2)

i. Wearing PPE's on site

ii. Wearing body harness during working on height

iii. Wearing nose mask in dusty environment

iv. All of the above