

**ASSISTANT SHUTTERING CARPENTER**  
**THEORY QUESTION SET-1 (Level-2)**

**CON/N0312: Use and maintain tools and equipment relevant to shuttering carpentry**

**1. Identify the tool from given picture? (2)**

- i. Hammer
- ii. Screwdriver
- 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 will ensure that plywood is of good quality? (3)**

- i. Less gaps between layers
- ii. Nail holding capacity
- iii. Heavy weight
- iv. All of the above

**4. Which of the following is the correct way of storing plywood and timber? (3)**

- i. Near electric panel
- ii. On a platform above ground
- iii. Near water outlet
- iv. None of the above

**5. What is the standard size of plywood board? (3)**

- i. 3 Feet X 7 Feet
- ii. 4 Feet X 8 Feet
- iii. 2 Feet X 8 Feet
- iv. None of the above

**6. What is/are advantages of hardwood? (3)**

- i. Easy to maintain and clean
- ii. Higher strength and durability
- iii. More repetition
- iv. All of the above

**7. Why scaffolding is required in shuttering work? (3)**

- i. To provide support to shuttering panels
- ii. To provide easy access
- iii. To maintain shuttering level
- iv. All of the above

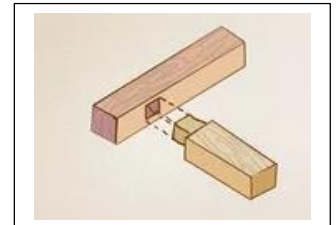
**CON/N0313: Assist in making wooden shutter used in shuttering carpentry**

**8. 1 Meter = \_\_\_\_\_ Feet? (3)**

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

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

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



**10. Which timber has lowest moisture content? (3)**

- i. Seasoned timber
- ii. Unseasoned timber
- iii. Both
- iv. None of the above

**11. Which of the following is not a wood cutting blade? (4)**

- i. Cross cut blades
- ii. Nail cutting blades
- iii. Dado cutting blades
- iv. Copper Tube cutting blades

12. Identify the shuttering material given in picture? (3)

- i. Plywood
- ii. Nails
- iii. Battens
- iv. Channels



13. What are the safety precautions to be taken during operation of power tools? (3)

- i. Check wire for any cut
- ii. make sure ground surface is dry
- iii. Wear safety /Rubber shoes
- iv. All of the above

**CON/N0314: Assist in Assembling & dismantling conventional & system formwork for R.C.C structures**

14. Which of the following tools is used for measuring horizontalness of shuttering? (3)

- i. Water Level
- ii. Spirit Level
- iii. Plumb Bob
- iv. All of the above

15. Which of the following is not a consumable in shuttering? (3)

- i. Plywood
- ii. Nails
- iii. Battens
- iv. Cement

16. After dismantling, shuttering material should be \_\_\_\_\_. (3)

- i. Leave at same place
- ii. Stacked it properly away from walkway
- iii. Throw it away
- iv. None of the above

17. Which of the following is not a part of shuttering process? (3)

- i. Erecting scaffolds
- ii. Erecting shuttering panels
- iii. Concreting
- iv. None of the above

**18. Which of the following is not a part of shuttering dismantling? (3)**

- i. Removal of shuttering boards
- ii. Curing
- iii. Removal of nailed panels into smaller units
- iv. None of the above

**19. Why maintenance of tools and equipment is required? (3)**

- i. It can improve tool's workable life span
- ii. It can improve output of the equipment
- iii. It can help in reducing hazards associated with tools and equipment
- iv. All of the above

**20. Identify the type of tie shown in given picture? (2)**

- i. Flat tie
- ii. Taper tie
- iii. Threaded tie
- iv. Loop tie



**CON/N0101: ERECT AND DISMANTLE 3.6 METER TEMPORARY SCAFFOLD**

**21. Which of the following is shown in given picture? (2)**

- i. Ledger
- ii. Toe board clip
- iii. Base plate
- iv. Coupler



**22. Which of the following tool is shown in given picture? (3)**

- i. Ring spanner
- ii. Plumb bob
- iii. Open ended spanner
- iv. Drill machine



**23. Which of the following PPE are required in scaffolding erection? (3)**

- i. Body harness
- ii. Safety boots
- iii. Hard hat
- iv. All of the above

**24. Which of the following is not a component of scaffolding? (3)**

- i. Wood
- ii. Guard rail
- iii. Couplers
- iv. Board bearer

**25. What are the quality checks for erected scaffold? (3)**

- i. Check for alignment
- ii. Check for verticality
- iii. Check for stability
- iv. All of the above

**26. Which of the following can be used to adjust level of scaffold? (3)**

- i. Joint Pin
- ii. Coupler
- iii. Base plate
- iv. U- jack

**27. Arrange the following in their correct order from first to last. (3)**

- i. Scaffold frame assemble
- ii. Base plate fixing
- iii. Guard rail fixing
- iv. Plane and compact ground for base

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

**28. 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

**29. Improper communication can lead to \_\_\_\_\_. (3)**

- i. Completing work on time
- ii. Hazardous conditions
- iii. Delay in project completion
- iv. All of the above

**30. 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

**31. 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

**32. 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

**33. 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 them

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

**35. 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

**36. 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

**37. What is the use of hard hat? (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

**38. 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

**39. Ladder should be placed at an angle of \_\_\_\_\_ from ground. (3)**

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

**40. It is required to store \_\_\_\_\_ away from the electrical panels. (3)**

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

**41. 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