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

1. **Identify the tool from given picture?** (4)
   - i. Hammer
   - ii. Screwdriver
   - iii. Wood cutting saw
   - iv. None of the above

2. **Identify the tool from given picture?** (4)
   - 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?** (4)
   - 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?** (5)
   - 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?** (5)
   - 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? (4)
   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? (4)
   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? (5)
   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? (5)
   i. Half lap joint
   ii. Mitered butt joint
   iii. Mortise and tenon joint
   iv. Biscuit joint

10. Which timber has lowest moisture content? (5)
    i. Seasoned timber
    ii. Unseasoned timber
    iii. Both
    iv. None of the above

11. Which of the following is not a wood cutting blade? (5)
    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? (5)
   i. Plywood
   ii. Nails
   iii. Battens
   iv. Channels

13. What are the safety precautions to be taken during operation of power tools? (5)
   i. Check wire for any cut
   ii. Make sure ground surface is dry
   iii. Wear safety/Rubber shoes
   iv. All of the above

14. Which of the following tools is used for measuring horizontalness of shuttering? (4)
   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? (4)
   i. Plywood
   ii. Nails
   iii. Battens
   iv. Cement

16. After dismantling, shuttering material should be ___________. (4)
   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? (5)
   i. Erecting scaffolds
   ii. Erecting shuttering panels
   iii. Concreting
   iv. None of the above

CON/N0314: Assist in Assembling & dismantling conventional & system formwork for R.C.C structures
18. Which of the following is not a part of shuttering dismantling? (4)
   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? (5)
   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? (4)
   i. Flat tie
   ii. Taper tie
   iii. Threaded tie
   iv. Loop tie

21. Which of the following is shown in given picture? (4)
   i. Ledger
   ii. Toe board clip
   iii. Base plate
   iv. Coupler

22. Which of the following tool is shown in given picture? (4)
   i. Ring spanner
   ii. Plumb bob
   iii. Open ended spanner
   iv. Drill machine

23. Which of the following PPE are required in scaffolding erection? (4)
   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?** (5)

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

25. **What are the quality checks for erected scaffold?** (4)

   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?** (4)

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

27. **Arrange the following in their correct order from first to last.** (5)

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

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

28. **What are the benefits of seeking advice from seniors?** (5)

   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 __________.** (4)

   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?** (4)
   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?** (5)
   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?** (4)
   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?** (4)
   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?** (4)
   i. Interrupt them while working
   ii. Ignore them
   iii. Talk and discuss work with them
   iv. None of the above

35. **Which of the following is an unsafe working practice?** (5)
   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

**CON/N9001: Work according to personal health, safety and environment protocol at construction site**
36. **Site safety induction is important, why? (4)**
   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? (4)**
   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__________? (4)**
   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. (5)**
   i. 90°
   ii. 60°
   iii. 180°
   iv. 270°

40. **It is required to store ____________ away from the electrical panels. (4)**
   i. Cement
   ii. Sand
   iii. Flammable material
   iv. Bricks

41. **Which of the following is a good safety practice? (4)**
   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