Scaffolder System

Theory Paper

Assessment for Certification, Level 4

Total Marks: 100 marks

Qualification Pack | Scaffolder System
Reference ID | CON/Q0305
NSQF Level | 4
Sector | Construction
Occupation | Scaffolding

CANDIDATE’S DETAILS (Fill in capital letters only)

CANDIDATE’S NAME
CANDIDATE’S FATHER NAME
SDMS ENROLMENT ID | AADHAR NUMBER
BATCH ID
TRAINING CENTER NAME | LOCATION
TRAINER NAME | SIGNATURE:
ASSESSOR NAME | SIGNATURE:
CANDIDATE’S SIGNATURE | DATE

TP/ TC stamp with signature:

Read the instruction carefully before starting:

- The assessment comprises of Theory, Practical.
- The theory section has 5 parts, consisting 41 numbers of questions.
- Write your name, aadhar number, father name, signature in the designated space.
- Use only Blue/ Black Ball point pens to fill/ answer the question paper.
- Read the questions carefully before answering.
- Put a tick mark (✓) against the right option.
- The tick mark (✓) should only be in the box which you want to mark as an answer.
- Select the most appropriate answer for multiple choice questions.
Theory Question Paper

CON/N0351 Erect and dismantle common customized system scaffolds.

Multiple choice questions

1. During which construction activity, scaffolding is not used?  
   a. Installing rebars  
   b. Plastering  
   c. Painting  
   d. Flooring  
   2 Marks

2. __________ are horizontal members normally in the direction of the smaller dimension of the working scaffold.  
   a. Transoms  
   b. Ledgers  
   c. Tubes  
   d. Couplers  
   2 Marks

3. The following image represents which type of Scaffolding system?  
   a. Cup lock scaffolding  
   b. Ring lock scaffolding  
   c. Rigid tube scaffolding  
   d. Tube and coupler scaffolding  
   2 Marks

4. Why bracing is provided in the scaffolds?  
   a. To beautify its appearance  
   b. To eliminate any tendency for the scaffold to distort or sway  
   c. To eliminate any possibility of the fall of construction materials from the scaffold  
   d. None  
   2 Marks
5. A timber or other member used to distribute the load from base plate to the ground is called _______? 2 Marks
   a. Base plate  
   b. Sole board  
   c. Toe board  
   d. Castor

6. Which of the following coupler is used to tie diagonal bracings in scaffold? 2 Marks
   a. Right angle coupler  
   b. Swivel coupler  
   c. Putlog coupler  
   d. Sleeve coupler

7. A working platform should be at least _______ wide if the platform is used for the deposit of material. 2 Marks
   a. 700 mm  
   b. 900 mm  
   c. 1500 mm  
   d. 1300 mm

8. A tube which is wedged between two opposing surfaces (for example window opening) to tie scaffold to a building is called ________? 2 Marks
   a. Reveal tie  
   b. Tie tube  
   c. Reveal pin  
   d. Joint pin

9. Working platform should be extended at least ______ beyond the end of wall, where work has to be done at the end of the wall. 2 Marks
   a. 300 mm  
   b. 600 mm  
   c. 200 mm  
   d. 100 mm

10. Which of the following statement is incorrect while dismantling a scaffold? 2 Marks
    a. First, sole board should be removed.  
    b. Clear the platform of all loose material before any dismantling procedure starts.  
    c. Inspect the component and report if any damages  
    d. After dismantling the scaffolding, store and stack the materials in order.

CON/N0352 Erect and dismantle staircase tower and mobile tower scaffold.

11. Identify the scaffold component from the image below? 2 Marks
12. Which of the following is the maximum angle of ascent for scaffold stairways as per IS code? 2 Marks
   a. 75 degrees
   b. 50 degrees
   c. 30 degrees
   d. 60 degrees

13. ______ must be fitted to prevent materials falling from access tower. 2 Marks
   a. Kick board
   b. Sole board
   c. Hand rail
   d. Landing

14. Scaffold exceeding ____ height, stairways are the safest means of access. 2 Marks
   a. 10 meters
   b. 4 meters
   c. 2 meters
   d. 8 meters

15. At which position “Caster” is fitted to the scaffold? 2 Marks
   a. At the top of the standard
   b. At the bottom of the standard
   c. At the top of the hand rail
   d. At the bottom of the hand rail

16. Identify the scaffold component from the image below? 2 Marks
   a. Telescopic guard rail
   b. Unit frame
   c. Railing Holder
d. Standard

17. Which of the following tools is used to check the verticality of the mobile tower?  2 Marks
   a. Spirit level
   b. Measuring tape
   c. Straight edge
   d. Right angle

18. Which of the following component is used to avoid overturning of mobile towers?  2 Marks
   a. Stabiliser
   b. Toe board
   c. Guard rail
   d. Spigot

19. A toe board shall be erected along the edge of platforms above lower levels to ________?  2 Marks
   a. Provide strength to the scaffold
   b. prevent any injury to the toe of the workers
   c. prevent worker from falling off the platform
   d. protect tools, materials, or equipment falling from a scaffold

20. Components of mobile tower scaffold should be stored in contact with cement or lime.  2 Marks
   a. Statement is correct
   b. Statement is not correct

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

21. Team occur when a number of people have ________ and recognize that their personal success is dependent on the success of other?  3 marks
   a) Same manager
   b) Similar jobs
   c) A common goal
   d) A shared work environment

22. What is the first step to be followed by a scaffolder before engaging with scaffold erection work?  3 Marks
   a) Understand the scope of work from supervisor
   b) Arrange materials by random calculation
   c) Engage helpers to erect the scaffold
   d) Start erection work without getting work permit

23. What will happen if you do not interact with your co- worker?  3 marks
   a) De-motivation
   b) Encouragement
   c) Excitement
   d) None
24. Team creativity can be promoted in which of the following ways?  
   a) Establishing a competitive environment to promote creative ideas  
   b) By reporting to the supervisor  
   c) Stressing deadlines to encourage intensity and focus  
   d) None  
   3 marks

25. What will you do in case you are not well versed with some critical procedure in your work?  
   a) Stay quiet and finish it somehow  
   b) Ask for help from the procedure expert  
   c) Decline to work  
   d) Any one of these  
   3 marks

26. What is supposed to be done if the material gets damaged while executing the task?  
   a) Replace the material without informing supervisor  
   b) Put blame on another team member  
   c) Inform supervisor about the damage  
   d) Dispose the damaged equipment without informing anybody  
   2 marks

27. Teamwork in an organization leads to organizational:  
   a) Empowerment  
   b) Weakness  
   c) Economy fall  
   d) Skills  
   3 marks

28. Which of the following is the basic requirement of preparing work schedule?  
   a) To measure the quantity of work done  
   b) To understand the timelines  
   c) To assess the quality of work done  
   d) To understand the sequence of work  
   3 marks

29. Sharing work is a good idea when?  
   a) People are nice to you  
   b) When you take in other’s skill set into consideration  
   c) When you are feeling lazy  
   d) When you are sick  
   3 marks

30. Which of the following should be referred while erecting mobile tower scaffold?  
   a. Manufacturer instruction  
   b. Self-instructions  
   c. General instructions  
   d. Workers instructions  
   3 marks

31. Which among the following is/are required when setting a work schedule?  
   3 marks
32. Which among these resources should be estimated before starting the work?  
   a) Quantity of materials  
   b) Leaves  
   c) Wastage of materials  
   d) All of these  
   3 marks

33. Who will assist a system scaffold?  
   a) Trained scaffold helper  
   b) Unskilled helper  
   c) Assistant mason  
   d) Assistant bar bender  
   3 marks

34. Work done should be of high quality despite constraints?  
   a) No  
   b) yes  
   c) impossible  
   d) depends on manager  
   2 marks

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

35. What should you do in case the fire alarm start ringing?  
   a) Keep working  
   b) Immediately stop the work and evacuate  
   c) Create a panic situation  
   d) None  
   3 marks

36. Identify the unsafe working practice amongst the following?  
   a) Welding without a mask  
   b) Walking bare feet at construction site  
   c) Using wires with no insulation  
   d) All of these  
   3 marks

37. Identify the sign shown below:  
   a) Not drinking water  
   b) Close the tap  
   c) Water not permitted  
   d) Do not touch  
   3 marks
38. Identify the item from the image given below.  

![Image of a half body harness]

a) Half body harness  
b) Half body apron  
c) Full body harness  
d) Full body apron

39. What should be done after assembling in the safe assembly point?  

a) Do not re-enter the site until instructions are given  
b) Re-enter the site and continue to work  
c) Leave the site without informing senior  
d) Join emergency rescue team and help them to extinguish fire

40. Which of the following basic emergency equipment used while working in a confined space?  

a) Breathing apparatus  
b) Emergency lamp  
c) Sun safety glass  
d) Fire extinguisher

41. What are the three basic requirements of a fire?  

a) Fuel, heat and hydrogen  
b) Fuel, heat and Sulphur  
c) Fuel, heat and nitrogen  
d) Fuel, heat and oxygen