

Assessment Blueprint

Assessment Overview

Sector	Construction
Job Role	Assistant Mason
QP Code	Assistant Mason
Version	3.0
NSQF level	3
No. of Questions (Theory + Practical+Viva)	34+7+8=49
Duration (Minutes)	Theory: 60 Minutes Viva: 60 Minutes Practical: 360 Minutes
Acceptable level of variance in duration and no. of Questions Per NOS	+ -10%
Language	English

INSTRUCTIONS

1. Total duration of the examination is 480 Minutes (Theory: 60 Minutes + Viva: 60 Minutes + Practical: 360 Minutes)

S.No.	NOS Code	NOS Details	Question Type	Question	Option 1 (A)	Option 2 (B)	Option 3 (C)	Option 4 (D)	Correct Answer	Marks Assigned for the Question
1	CON/N0101	Erect and dismantle temporary scaffold up to 3.6 meter height	MCQ Type	What should be checked before erecting a temporary scaffold?	Brick size	Wall colour	Cement quantity	Ground stability	D	6
2				Which component provides a safe working platform on a scaffold?	Masonry trowel	Binding wire	Cover blocks	Scaffold boards	D	6
3				Why should scaffold connections be properly secured during erection?	To maintain stability	To reduce height	To change width	To increase weight	A	6
4				What should be done before dismantling a temporary scaffold?	Add more materials	Clear the platform	Raise the platform	Wet the boards	B	6
5				What is the maximum scaffold height specified for this activity?	5.0 metres	2.4 metres	4.2 metres	3.6 metres	D	6
6	CON/N0105	Use hand and power tools relevant to masonry	MCQ Type	Which hand tool is commonly used to spread mortar during masonry work?	Pipe wrench	Masonry trowel	Hacksaw	Pliers	B	6
7				Which power tool is commonly used for cutting masonry blocks?	Paint mixer	Electric drill	Masonry cutting machine	Heat gun	C	6
8				Which tool is used to check whether a masonry wall is vertically aligned?	Chisel	Brick hammer	Trowel	Plumb bob	D	6
9				What should be checked before using a power tool at the construction site?	Mortar colour	Wall colour	Brick pattern	Power cord condition	D	6
10				Which tool is commonly used to shape or break masonry materials?	Measuring tape	Brick hammer	Spirit level	Water brush	B	6
11	CON/N0106	Assist in tiling, stone laying and concrete masonry	MCQ Type	Which material is commonly used to fix tiles onto a prepared surface?	Wood glue	Engine oil	Tile adhesive	Machine grease	C	6
12				Which tool helps maintain uniform gaps between floor or wall tiles?	Tile spacers	Brick hammer	Pipe wrench	Hand saw	A	6
13				What should be checked before laying stone on a prepared surface?	Tool weight	Paint colour	Surface level	Wall height	C	6
14				Which tool is commonly used to spread mortar during concrete masonry work?	Screwdriver	Pipe cutter	Masonry trowel	Wire brush	C	6
15				Why should tiles or stones be aligned properly during laying?	To reduce surface area	To increase material weight	To achieve a level finish	To change material colour	C	6
16	CON/N0107	Assist in brick/block work, plastering work, and fixing doors and windows	MCQ Type	Which tool is commonly used to spread mortar during brickwork?	Hand saw	Pipe wrench	Screwdriver	Masonry trowel	D	6
17				What should be checked to maintain straight brick or block courses?	Paint colour	Line and level	Cement bag size	Tool weight	B	6
18				Which tool is commonly used to apply plaster evenly on a wall surface?	Pipe cutter	Plastering trowel	Brick hammer	Pliers	B	6
19				What should be checked before fixing a door or window frame?	Frame alignment	Paint shade	Cement colour	Brick texture	A	6
20				Why should door and window frames be properly secured during fixing?	To change frame colour	To increase frame weight	To maintain proper position	To reduce wall height	C	6
21	CON/N8001	Work effectively in a team to deliver desired results at the workplace	MCQ Type	Which behaviour helps team members complete construction work efficiently?	Individual working	Poor communication	Good cooperation	Delayed responses	C	6
22				Why should workers communicate clearly with other team members?	To increase workload	To coordinate tasks	To delay work	To change materials	B	6
23				What should a worker do when a teammate needs help with a task?	Change the task	Leave the area	Stop the work	Offer assistance	D	6
24				How can team members achieve the required workplace results?	By delaying tasks	By working separately	By working together	By avoiding discussions	C	6
25				What should workers do after receiving instructions from the team leader?	Follow instructions correctly	Change the instructions	Delay the instructions	Disregard the instructions	A	6
26	CON/N9001	Work according to personal health, safety and environment protocols at construction site	MCQ Type	Which personal protective equipment protects a mason's head at a construction site?	Sun hat	Cotton cap	Cloth scarf	Safety helmet	D	6
27				Why should safety shoes be worn during masonry work?	To improve walking	To protect the feet	To reduce fatigue	To keep feet clean	B	6
28				What should a worker do after finding a damaged electrical cable?	Touch it carefully	Report it immediately	Move it by hand	Continue using it	B	6
29				Where should construction waste be placed after completing masonry work?	Designated waste area	Working platform	Site pathway	Material storage area	A	6
30				What should a worker follow to maintain safe working practices at site?	Informal methods	Personal shortcuts	Safety procedures	Unplanned actions	C	6
31	DGT/VSQ/N0101	Employability Skills (30 Hours)	MCQ Type	Which skill helps a worker communicate effectively with coworkers at the workplace?	Driving skills	Cooking skills	Painting skills	Communication skills	D	5
32				Why is punctuality important for a worker?	It changes duties	It increases salary	It reduces workload	It shows responsibility	D	5
33				What should a worker do when facing a problem at work?	Discuss the problem	Leave the task	Blame coworkers	Delay the work	A	5
34				Which behaviour helps maintain positive relationships with coworkers?	Careless behaviour	Respectful behaviour	Rude behaviour	Unfriendly behaviour	B	5

S.No.	NOS Code	NOS Details	Question Type	Question	Tasks to be Performed	Marks Assigned for the
1	CON/N0101	Erect and dismantle temporary scaffold up to 3.6 meter height	Structured Practical Task	Demonstrate how you would inspect a temporary scaffold before use.	Step 1: Check the ground and foundation for firmness and level. Step 2: Inspect standards, ledgers, transoms, braces, and cross-braces. Step 3: Check that all scaffold connections are properly secured. Step 4: Inspect platforms for secure boards, gaps, and proper fastenings. Step 5: Check guardrails, toe boards, and safe access arrangements. Step 6: Report defects to the supervisor and use only after approval.	60
2	CON/N0105	Use hand and power tools relevant to masonry	Structured Practical Task	Demonstrate how you would safely use an electric drill for masonry work.	Step 1: Inspect the drill, cable, plug, switch, and drill bit. Step 2: Wear eye protection, safety footwear, and other PPE. Step 3: Select and securely fit the correct masonry drill bit. Step 4: Mark the required drilling position and check the alignment. Step 5: Operate the drill steadily while maintaining a firm grip. Step 6: Switch off, disconnect the drill, clean it, and store it properly.	60
3	CON/N0106	Assist in tiling, stone laying and concrete masonry	Structured Practical Task	Demonstrate how you would assist in laying stone masonry.	1. Step 1: Inspect and clean the foundation or masonry surface. 2. Step 2: Select suitable stones according to size and shape. 3. Step 3: Prepare mortar and place an even mortar bed. 4. Step 4: Position stones firmly according to the required pattern. 5. Step 5: Check alignment, level, and joint thickness during laying. 6. Step 6: Finish joints, clean excess mortar, and cure the masonry.	60
4	CON/N0107	Assist in brick/block work, plastering work, and fixing doors and windows	Structured Practical Task	Demonstrate how you would assist in concrete block work.	Step 1: Inspect the foundation and mark the required block positions. Step 2: Prepare the specified mortar mix for block laying. Step 3: Apply mortar evenly and position the first blocks. Step 4: Continue laying blocks while maintaining proper alignment. Step 5: Check level, plumb, and joint thickness during construction. Step 6: Remove excess mortar and complete the work as per requirements.	60
5	CON/N8001	Work effectively in a team to deliver desired results at the workplace	Structured Practical Task	Demonstrate how you would coordinate with team members during masonry work.	Step 1: Understand the assigned masonry task and work requirements. Step 2: Discuss the work sequence and responsibilities with team members. Step 3: Collect and arrange required materials, tools, and equipment. Step 4: Perform the assigned task while coordinating with team members. Step 5: Communicate work progress, problems, and material requirements. Step 6: Complete the assigned work and support the team in achieving the goal.	70
6	CON/N9001	Work according to personal health, safety and environment protocols at construction site	Structured Practical Task	Demonstrate how you would maintain good housekeeping at a construction site.	Step 1: Collect unused materials and waste from the work area. Step 2: Keep tools and equipment in their designated locations. Step 3: Remove loose debris from pathways and working areas. Step 4: Store materials safely without blocking access routes. Step 5: Dispose of construction waste in designated containers. Step 6: Inspect the area regularly and maintain a clean work environment.	70
7	DGT/VSQ/N0101	Employability Skills (30 Hours)	Structured Practical Task	Demonstrate how you would communicate effectively with your supervisor at the workplace.	Step 1: Listen carefully to the supervisor's instructions. Step 2: Ask clear questions when work requirements are not understood. Step 3: Confirm your understanding of the assigned task. Step 4: Complete the work according to given instructions. Step 5: Report progress, difficulties, or material requirements. Step 6: Receive feedback and improve your work accordingly.	30

S.No.	NOS Code	NOS Details	Question Type	Question	Suggested Answer	Marks Assigned for the Question
1	CON/N0101	Erect and dismantle temporary scaffold up to 3.6 meter height	Oral Type	What should you check before helping to erect temporary scaffold up to 3.6 metres?	I should check the ground, scaffold components, base supports, access, platform, guardrails, stability, and surrounding area, following supervisor instructions and required site safety	5
2			Oral Type	Why is proper scaffold alignment important during masonry work?	Proper alignment keeps the scaffold stable, provides a safe working platform, supports workers and materials correctly, and helps masons perform brickwork, plastering, and other activities safely.	5
3	CON/N0105	Use hand and power tools relevant to masonry	Oral Type	What checks should be completed before using a masonry power tool?	I should inspect the tool, power cable, plug, guard, switch, accessories, and operating condition, ensuring required PPE is available and the tool is suitable for work.	5
4			Oral Type	How should a masonry worker use a trowel safely and correctly?	I should hold the trowel firmly, apply mortar evenly, maintain proper posture, keep hands away from striking areas, and clean the tool after completing masonry work.	5
5	CON/N0106	Assist in tiling, stone laying and concrete masonry	Oral Type	What materials are commonly required for concrete masonry work?	Common materials include cement, sand, aggregates, water, concrete blocks, mortar, reinforcement where specified, and other approved materials required for constructing concrete masonry elements.	5
6			Oral Type	How can an Assistant Mason maintain quality during tiling and masonry work?	I can maintain quality by checking measurements, levels, alignment, joint spacing, surface preparation, material condition, workmanship, and instructions throughout the assigned tiling and masonry activities.	5
7	CON/N0107	Assist in brick/block work, plastering work, and fixing doors and windows	Oral Type	Why are line, level, and plumb important in brick and block work?	Line, level, and plumb ensure walls remain straight, horizontal courses stay even, corners remain vertical, dimensions are maintained, and completed masonry meets specified construction requirements.	5
8			Oral Type	What should you check when assisting with fixing doors and windows?	I should check opening dimensions, frame alignment, level, plumb, fixing points, supports, clearances, and hardware positions before assisting with installation according to approved requirements.	5