

Assessment Blueprint

Assessment Overview

Sector	Construction
Job Role	Assistant Surveyor
QP Code	CON/Q0901
Version	5.0
NSQF level	2
No. of Questions (Theory + Practical+Viva)	24+5=29
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	

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
1	CON/N0901	Handle and store tools and instruments used in surveying work as per the instructions	MCQ Type	How should surveying instruments be stored after completing fieldwork?	Clean and protected	Exposed to moisture	Mixed with materials	Placed on uneven ground	A	6
2				Which practice helps prevent damage to surveying instruments during storage?	Store without covers	Stack heavy objects above	Use protective cases	Keep near construction debris	C	6
3				What should be done before storing surveying tools after use?	Leave them wet	Disassemble all parts	Clean and inspect them	Remove identification labels	C	6
4				Why should surveying instruments be handled carefully during fieldwork?	Increase instrument weight	Maintain measurement accuracy	Reduce storage space	Improve instrument appearance	B	6
5				What should an Assistant Surveyor do if an instrument is found damaged?	Discard it immediately	Continue using it	Hide the damage	Report it to supervisor	D	6
6	CON/N0902	Provide support in various surveying works	MCQ Type	What should an Assistant Surveyor do before starting a surveying activity?	Adjust readings randomly	Change survey coordinates	Remove instrument labels	Check survey equipment	D	6
7				Which instrument is commonly used to measure horizontal and vertical angles?	Total station	Measuring tape	Ranging rod	Plumb bob	A	6
8				What is the purpose of a ranging rod during surveying work?	Record elevations	Measure angles	Mark survey points	Calculate coordinates	C	6
9				Which practice helps ensure accurate surveying measurements?	Unmarked survey points	Random instrument placement	Unchecked observations	Proper instrument setup	D	6
10				What should be done with survey observations after field measurements?	Change the readings	Record the readings	Discard field notes	Estimate missing values	B	6
11	CON/N9001	Work according to personal health, safety and environment protocols at construction site	MCQ Type	Which PPE should an Assistant Surveyor wear at a construction site?	Safety helmet	Welding shield	Chemical suit	Face shield	A	6
12				What should be done before setting up surveying equipment at site?	Place equipment near traffic	Start measurements immediately	Inspect the work area	Leave equipment unattended	C	6
13				Which practice helps protect surveying equipment from damage?	Place instruments on edges	Store equipment securely	Leave instruments in rain	Keep equipment near machinery	B	6
14				What should an Assistant Surveyor do after identifying a site hazard?	Work without informing others	Continue surveying nearby	Move warning signs	Report it to supervisor	D	6
15				Which practice supports environmental protection during surveying activities?	Discharge waste into drains	Dump waste on site	Burn packaging materials	Dispose waste properly	D	6
16	CON/N8001	Work effectively in a team to deliver desired results at the workplace	MCQ Type	Which practice helps an Assistant Surveyor work effectively with the survey team?	Clear communication	Individual decision-making	Limited information sharing	Unplanned task allocation	A	6
17				How should survey team members coordinate their assigned field activities?	Change tasks independently	Work without coordination	Share relevant information	Delay progress updates	C	6
18				What should an Assistant Surveyor do when a team member needs assistance?	Wait until work ends	Continue without responding	Transfer unrelated duties	Provide appropriate support	D	6
19				Which behaviour supports positive working relationships within a survey team?	Create disagreements	Reject suggestions	Withhold information	Respect colleagues	D	6
20				How can a survey team achieve planned workplace outcomes effectively?	Coordinate assigned tasks	Duplicate field activities	Change priorities frequently	Work without communication	A	6
21	DGT/V5Q/N0101	Employability Skills (30 Hours)	MCQ Type	Which skill helps an employee use computers for maintaining workplace records?	Communication skills	Leadership skills	Digital skills	Negotiation skills	C	5
22				Which skill helps an employee complete assigned tasks within planned deadlines?	Decision-making skills	Teamwork skills	Communication skills	Time management	D	5
23				Which skill helps an Assistant Surveyor cooperate effectively with survey team members?	Leadership skills	Digital skills	Numeracy skills	Teamwork skills	D	5
24				Which skill helps a worker identify and resolve routine workplace issues?	Problem-solving skills	Communication skills	Time management	Teamwork skills	A	5

S.No.	NOS Code	NOS Details	Question Type	Question	Tasks to be Performed	Marks Assigned for the Question
1	CON/N0901	Handle and store tools and instruments used in surveying work as per the instructions	Structured Practical Task	Perform proper storage of a measuring tape used in surveying work.	1. Clean the measuring tape after use. 2. Check the tape for damage. 3. Retract the tape carefully. 4. Keep the tape dry and clean. 5. Place it in the designated storage location. 6. Check that the storage area is secure.	70
2	CON/N0902	Provide support in various surveying works	Structured Practical Task	Perform basic support activities while taking levels using a levelling instrument.	1. Carry the levelling instrument and tripod safely. 2. Set up the tripod at the survey point. 3. Assist in fixing the instrument on the tripod. 4. Hold the staff vertically at the required point. 5. Assist the surveyor in taking staff readings. 6. Record readings as instructed by the surveyor.	70
3	CON/N9001	Work according to personal health, safety and environment protocols at construction site	Structured Practical Task	Demonstrate how you will use personal protective equipment during surveying work.	1. Identify PPE required for the survey activity. 2. Check PPE for damage or defects. 3. Wear the safety helmet correctly. 4. Wear safety shoes and other required PPE. 5. Check proper fit before starting work. 6. Maintain PPE throughout the surveying activity.	70
4	CON/N8001	Work effectively in a team to deliver desired results at the workplace	Structured Practical Task	Demonstrate how you will communicate measurement information to the surveying team.	1. Observe the measurement carefully. 2. Read the measurement correctly. 3. Record the value in the field book. 4. Communicate the reading clearly to the team. 5. Confirm the reading with the surveyor. 6. Update the field record accurately.	70
5	DGT/VSQ/N0101	Employability Skills (30 Hours)	Structured Practical Task	Demonstrate how you will maintain professional behaviour during surveying work.	1. Arrive at the survey site on time. 2. Wear appropriate work attire and PPE. 3. Communicate respectfully with team members. 4. Follow instructions given by the surveyor. 5. Complete assigned work responsibly. 6. Maintain proper workplace discipline throughout the activity.	30