

## Practical Question Paper

Job role: Construction Painter and decorator (CON/Q0503)

Level: 3

**Total Marks: 560**

**Time: 5 hrs 30 min**

**Candidate's Name:**

**Roll No:**

**CON/NO505 Apply OBD, acrylic and emulsion paints on various finished masonry surfaces**

Task to be performed by individual.

### **Requirement for the task:-**

1. Question papers (both theory and practical) and answer sheets.
2. Painting Materials (paint, primer, putty, varnish, wood filler, cleaning solution, thinner etc.).
3. Painting tools & accessories (paint brush, rollers, step ladder, sand paper, putty knife/ scraper, wire brush, masking tape, steel wool, paint tray, drop cloths etc.).
4. **TEST SPECIMENS** : rough plastered wall surface and Putty finished wall surface.

### **Infrastructure required:-**

1. Class room (capacity: 30 students).
2. Workshop for practical assessment.
3. Toilet (separate for gents and ladies).
4. Safety department (having PPE, fire extinguishers, first aid kit etc.).
5. Power supply (3-phase and single phase)

Sl.No:	Practical skill assessment question	Marks	Duration
1	<b>Consider a portion of plaster wall surface (must be available at the training centre) and perform the following operations:</b>		<b><u>90 min</u></b> <b><u>(1hrs 30 min)</u></b>
	A) Mark a rectangle of side 3ft x 2ft on the wall. B) Calculate the quantity of putty required to cover the surface of the marked rectangle. C) Apply putty on the marked rectangular surface.	40	
2	<b>Consider a portion of putty finished wall surface (must be available at the training centre) and perform the following operations:</b>		
	A) Mark a square of side 2ft x 2ft on the wall. B) Calculate the quantity of OBD/ acrylic/ emulsion paint required to cover the surface of the marked rectangle. C) Apply OBD/ acrylic/ emulsion paint (2 coat) on the marked square surface.	40	

**Total marks** 80

**Total duration** 90 min

**CON/NO506 Apply paint on metallic/ structural steel fabricated assemblies.**

Task to be performed by individual.

**Requirement for the task:-**

1. Question papers (both theory and practical) and answer sheets.
2. Painting Materials (paint, primer, putty, varnish, wood filler, cleaning solution, thinner etc.).
3. Painting tools & accessories (paint brush, rollers, step ladder, sand paper, putty knife/ scraper, wire brush, masking tape, steel wool, paint tray, drop cloths etc.).
4. **TEST SPECIMENS** : **metallic/ steel object (without any primer or paint layer on it) and metallic/ steel object (with primer finished surface).** Note: the object may be grill, gate or any other structural steel unit.

**Infrastructure required:-**

1. Class room (capacity: 30 students).
2. Workshop for practical assessment.
3. Toilet (separate for gents and ladies).
4. Safety department (having PPE, fire extinguishers, first aid kit etc.).
5. Power supply (3-phase and single phase)

Sl.No:	Practical skill assessment question	Marks	Duration
1	<b>Consider a portion of metallic surface (may be of grill, gate or any other steel structural unit ) and perform the following operations:</b>		<b><u>60 min</u></b> <b><u>(1hrs 30 min)</u></b>
	Clean it and apply a coat of primer.	40	
2	<b>Consider a portion of metallic surface (may be of grill, gate or any other steel structural unit ) which is already coated with primer and perform the following operations:</b>		
	Apply 2 coat of paint providing smooth finish to the metallic surface.	40	

**Total marks**      80  
**Total duration**      60 min

**CON/NO507 Apply paint, varnish & polish on wooden windows, doors, partitions, panels & other wooden surfaces.**

Task to be performed by individual.

**Requirement for the task:-**

1. Question papers (both theory and practical) and answer sheets.
2. Painting Materials (paint, primer, putty, varnish, wood filler, cleaning solution, thinner etc.).
3. Painting tools & accessories (paint brush, rollers, step ladder, sand paper, putty knife/ scraper, wire brush, masking tape, steel wool, paint tray, drop cloths etc.).
4. **TEST SPECIMENS :wooden object (without any polish or paint layer on it)**  
Note: the object may be wooden window/ door/ partition/ panel etc..

**Infrastructure required:-**

1. Class room (capacity: 30 students).
2. Workshop for practical assessment.
3. Toilet (separate for gents and ladies).
4. Safety department (having PPE, fire extinguishers, first aid kit etc.).
5. Power supply (3-phase and single phase)

Sl.No:	Practical skill assessment question	Marks	Duration
1	<b>Consider a wooden object (such as wooden window, door, partition, panel etc) and perform the following operations:</b>		<b><u>90 min</u></b> <b><u>(1hrs 30 min)</u></b>
	Perform preparatory work on the wooden surface and provide it with finished polished surface.	40	
2	<b>Consider a wooden object (such as wooden window, door, partition, panel etc) and perform the following operations:</b>		
	Perform preparatory work on the wooden surface and provide it with finished surface using paint.	40	

<b>Total marks</b>	80
<b>Total duration</b>	90 min

**CON/NO510 Carry out minor repair of various painting faults.**

Task to be performed by individual.

**Requirement for the task:-**

1. Question papers (both theory and practical) and answer sheets.
2. Painting Materials (paint, primer, putty, varnish, wood filler, cleaning solution, thinner etc.).
3. Painting tools & accessories (paint brush, rollers, step ladder, sand paper, putty knife/ scraper, wire brush, masking tape, steel wool, paint tray, drop cloths etc.).

**TEST SPECIMENS :**

- a). OBD/ acrylic/ emulsion paint finished wall surface
- b). Metallic/ steel object having paint finished surface
- c). Wooden surface (having polished surface and paint surface)

**Infrastructure required:-**

1. Class room (capacity: 30 students).
2. Workshop for practical assessment.
3. Toilet (separate for gents and ladies).
4. Safety department (having PPE, fire extinguishers, first aid kit etc.).
5. Power supply (3-phase and single phase)

Sl.No:	Practical skill assessment question	Marks	Duration
1	<b>Consider a OBD/ acrylic/ emulsion paint finished wall surface and perform the following operations:</b>		<b>60 min (1 hrs)</b>
	Identify the defects present on the wall surface and carry out their repair work.	20	
2	<b>Consider a metallic/ steel object having paint finished surface and perform the following operations:</b>		
	Identify the defects present on the metallic/ steel object and carry out their repair work.	20	
3	<b>Consider a wooden object having</b> <b>1. Polished finish surface</b> <b>2. Paint finished surface and</b> <b>perform the following operations:</b>		
	Identify the defects present on the wooden object and carry out their repair work respectively.	40	

<b>Total duration</b>	<b>80</b>	<b>60 min</b>
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**CON/N8001 Work effectively in a team to deliver desired results at the workplace**

Based on the performance of the task under NOS: N0505/ 0506/ 0507/ 0510

**Note: This should be not given to the candidates.**

Sl. No.	Practical skill assessment question	Marks	Duration
1	Observe the candidate's cooperation with other candidates during the assessment period in terms of willingness to perform their respective task of painting and decoration.	10	Simultaneous to the duration of task performed as per N0505/ 0506/ 0507/ 0510.
2	Observe how the candidate escalate deviations to the seniors/ assessors while performing the given task.	15	
3	Observe the candidate's approach towards addressing and reporting the problems faced while performing the given task.	15	
4	Check the alertness/attentiveness of trainee for instructions by assessor.	10	
5	Observe how the candidate seeks clarification and resolve the issues raised during performing the task.	15	
6	Observe the individual approach towards completion of his task within the allocated time.	15	

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**CON/N8002 Plan and organize work to meet expected outcomes**

Based on the performance of the task under NOS: N0351/0352

**Note: This should be not given to the candidates.**

Sl. No.	Practical skill assessment question	Marks	Duration
1	How the candidate understand the target and time line set by supervisor/ assessor to perform their given task during assessment period?	15	Simultaneous to the duration of task performed as per N0505/ 0506/ 0507/ 0510.
2	How the candidate plan activities as per schedule and sequence while performing the given task?	15	
3	How the candidate provide guidance to the subordinates to complete the task?	10	
4	How the candidate arrange required resources prior to commencement of work.	15	
5	How the candidate utilizes required resources while performing his/ her task of painting and decoration.	10	
6	How the candidate adhere to the standard instructions while performing the given task.	15	

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	Duration	Marks
<b>CON/N8001 Work effectively in a team to deliver desired results at the workplace</b>	Simultaneous to the duration of task performed as per N0505/ 506/ 507/ 510/ 9001	80
<b>CON/N8002 Plan and organize work to meet expected outcomes</b>		80

<b>CON/N9001 Work according to personal health, safety and environment protocol at construction site.</b>			
Based on the performance of the task under NOS: N0351/0352			
<b>Infrastructure required:-</b>			
1. Class room (capacity: 30 students). 2. Workshop for practical assessment. 3. Toilet (separate for gents and ladies). 4. Safety department (having PPE, fire extinguishers, first aid kit etc.). 5. Power supply (3-phase and single phase)			
<b>TEST SPECIMENS: FIRE EXTINGUISHER (Type: CO2 based, foam based, dry chemical based), ladder.</b>			
Sl. No.	Practical skill assessment question	Marks	Duration
1	How the candidate identify hazards or risks at the workshop and report to his supervisor/ assessor?	10	<b>30 mins (.5 hrs)</b>
2	How the candidate respond to emergency and evacuation procedures in the case of accidents, fire or mock drills?	8	
3	List out all the PPE's and demonstrate any two (its use, parts, type, colour code etc.) used during the task of painting and decoration.	25	
4	List out the PPE's used for other activities (such as brick work/ IPS flooring/ plastering)	5	
5	List out different types of fire extinguishers.	3	
6	Demonstrate the operating procedure for the given Fire Extinguishers.	5	
7	Demonstrate how to handle and operate bar cutting machine/ bar bending machine with safety.	8	
8	Demonstrate how to place a ladder against the wall safely.	4	
9	Observe the candidate whether he/she is following precautionary measures in the disposal of harmful waste/ chemicals.	4	
10	Check for the housekeeping and shifting of surplus materials/ waste to the designated yard.	8	

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