

7907-001/501 Level 3 Painting and Decorating –
Sample Theory Exam



Version 1.0 – November 2016

Candidate	Name	Date	DD/MM/YY
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- 1 What is the purpose of a Gantt chart when planning construction work?
- a) To list all costings of individual tasks.
 - b) To record information of repetitive tasks.
 - c) To illustrate task start and finish times and their duration.
 - d) To control operations and highlight all hazardous tasks on site.

Response: _____

- 2 What term is used to describe money held back until the end of the defects liability period?
- a) Retention sum.
 - b) Penalty clause.
 - c) Investment sum.
 - d) Staged payment.

Response: _____

- 3 Which technique used in manual drafting shows a 2D representation of a 3D shape?
- a) Isometric projection.
 - b) Orthographic projection.
 - c) Two point perspective drawing.
 - d) Three point perspective drawing.

Response: _____

- 4 What is the **main** purpose of a toolbox talk?
- a) To provide information on work defects.
 - b) To provide information on annual leave.
 - c) To provide information on staff benefits.
 - d) To provide information on safety issues.

Response: _____

- 5 What PPE **must** be worn when erecting a mobile tower?
- a) Safety boots, ear defenders and hi-viz jacket.
 - b) Safety boots, grip gloves and dust mask.
 - c) Safety boots, grip gloves and hard hat.
 - d) Gauntlets, fall arrest system and hard hat.

Response: _____

- 6 What process can lead to the de-lamination of a duplex wallcovering?
- a) Poor folding.
 - b) Over soaking.
 - c) Under soaking.
 - d) Poor trimming.

Response: _____

- 7 What is the name of the process of transferring a stencil design onto a plate material using a series of small holes?
- a) Tracing.
 - b) Printing.
 - c) Chalking.
 - d) Pouncing.

Response: _____

- 8 What type of fixing will aid with securing a heavy decorative plaster cornice?
- a) Brass screws.
 - b) Hanger bolts.
 - c) Masonry nails.
 - d) Galvanised staples.

Response: _____

- 9 What is the **most** suitable tape to mask a curved structure?
- a) Duct.
 - b) Crepe.
 - c) Interior.
 - d) Low tack.

Response: _____

10 What defect occurs when spraying a HVLP spray too far away from the surface?

- a) Pitting.
- b) Banding.
- c) Dry spray.
- d) Orange peel.

Response: _____

11 Explain why a permit to work is used.

(2 marks)

12

Area of walls	42.0 m ²
Area of ceiling	27 m ²
Paint cost / ltr tin	£8
Labour cost	£2.10 / m ²
VAT	20%
Coverage	12 m ² / ltr

Table 1

A domestic bedroom requires re-painting with vinyl matt emulsion. Two coats will be required on all surfaces.

Using the details provided in Table 1, prepare a quote for the customer.

(3 marks)

13 Identify **three** methods for reducing energy use and the impact of buildings on the environment. (3 marks)

14 a) Identify **two** scaffold fittings used to connect two tubular scaffold poles together. (2 marks)

b) Explain how a tubular scaffold safe working load can be increased. (2 marks)

15 Explain why a fabric wide width vinyl is **best** suited for papering a long hotel corridor. (3 marks)

16 Identify **three** characteristics of Lincrusta wallcovering. (3 marks)

17 Explain why it is important to hang the longest length first when applying a wallcovering to a staircase. (4 marks)

18 a) Identify items used to burnish metal leaf. (2 marks)

b) Explain why they are used. (4 marks)

19 State how **two** specialist brushes are used in the production of wood graining. (2 marks)

20 Explain how an oak grain effect can be achieved. (2 marks)

21 Explain how a decorative centrepiece is centralised onto a ceiling prior to fixing. (4 marks)

22 Identify **two** points to consider prior to fixing gypsum coving. (2 marks)

- 23 A workshop containing wall lights, work benches and laminate flooring requires painting using an airless spray. Explain how to **best** protect these items from the airless spray. (3 marks)

- 24 a) Explain how paint is prepared for use in a HVLP spray unit. (3 marks)

- b) Identify **four** defects that can occur from preparing the paint incorrectly. (4 marks)

25 The dining area in a local restaurant requires re-decoration. The ceiling has three plain plaster centrepieces around the light fittings. Three of the walls in the restaurant are brush painted brickwork. The base of one of the external brickwork walls has a white powdery substance on it. The remaining papered large wall has a stained hardwood fire surround on it. (12 marks)

The centrepieces require a replacement with a more ornate look. The three brickwork walls must have a spray finish. The papered wall is to be finished with a flock wallcovering and the fire surround marbled in Rouge Royale.

The restaurant aims to be closed for only five days during the re-decoration. All work must be completed before the fully booked re-opening.

Measurements: the dining room is 6 m x 10 m and a ceiling height of 3 m.

Discuss how the dining area should be re-decorated to meet customer requirements.

Lined area for writing the response.

