

**7908-30 Level 3 Advanced Technical Diploma in Plastering**  
7908-001 & 501 Level 3 Plastering –Theory exam

March 2022 Mark Scheme

Q no.	Acceptable answer(s)	Guidance	Max marks	Ref
1	C	N/A	1	301.02.03 AO1
2	A	N/A	1	301.02.04 AO1
3	C	N/A	1	301.03.02 AO1
4	B	N/A	1	301.04.02 AO1
5	C	N/A	1	301.03.01 AO1
6	D	N/A	1	303.02.03 AO1
7	A	N/A	1	303.01.01 AO1
8	C	N/A	1	303.02.01 AO1
9	B	N/A	1	303.03.03 AO1
10	D	N/A	1	303.03.04 AO1

Q11	Acceptable answers	Guidance	Max mks	Ref
	<p>Any <b>two</b> from the following;</p> <ul style="list-style-type: none"> <li>• Contact the relevant planning authority to discuss proposed project.</li> <li>• Identify which local planning authority covers the area.</li> <li>• Discuss your design requirements with an architect.</li> <li>• Discuss with a contractor their availability and the budget to carry out the works.</li> <li>• Apply for pre-planning application.</li> </ul>	N/A	2	301.01.02 AO1

Q12	Acceptable answer	Guidance	Max marks	Ref
	<ul style="list-style-type: none"> <li>• Provides the current energy rating of how a building/property is performing <b>(1 mark)</b></li> <li>• Provides suggestions for possible improvements to make the building/property more energy efficient <b>(1 mark)</b></li> </ul>	N/A	2	301.02.04 AO1

Q13	Acceptable answer:	Guidance:	Max marks	Ref
	<p>a) Any <b>three</b> from the following;</p> <ul style="list-style-type: none"> <li>• Pad.</li> <li>• Raft.</li> <li>• Strip.</li> <li>• Piled.</li> </ul> <p>b)</p> <ul style="list-style-type: none"> <li>i) Piled.</li> <li>ii) Strip.</li> </ul>	N/A	5	301.04.01 AO1

Q14	Acceptable answer:	Guidance:	Max marks	Ref
	<p>A response covering the following points.</p> <ul style="list-style-type: none"> <li>• Measure the length x height to find the surface area of the wall <b>(1 mark)</b></li> <li>• Work out the coverage area of the plaster from the manufacturer's instructions <b>(1 mark)</b>.</li> <li>• Divide the surface area of the wall with the coverage area of the plaster <b>(1 mark)</b></li> <li>• Round off the figure to a whole number <b>(1 mark)</b></li> </ul>	N/A	4	301.03.02 AO2

Q15	Acceptable answer:	Guidance:	Max marks	Ref
	<p>A response covering the following points for a maximum of <b>three</b> marks.</p> <ul style="list-style-type: none"> <li>• ensures a fair comparison of cost of materials <b>(1 mark)</b></li> <li>• provides accurate information on the product when costing <b>(1 mark)</b></li> <li>• ensures the works meet the design needs of the building <b>(1 mark)</b></li> <li>• provides an acceptable standard of workmanship that must be adhered to <b>(1 mark)</b></li> </ul>	N/A	3	301.03.01 AO2

Q16	Acceptable answer:	Guidance:	Max marks	Ref
	<p>A response covering the following points for a maximum of <b>two</b> marks.</p> <ul style="list-style-type: none"> <li>Allows additional time when there are delays such as lack of labour/plant <b>(1 mark)</b></li> <li>changes in the design of the building <b>(1 mark)</b></li> <li>alterations made to the specification or drawing <b>(1 mark)</b></li> <li>major accident/unforeseen circumstances <b>(1 mark)</b></li> </ul>	N/A	2	301.04.01 AO2

Q17	Acceptable answer	Guidance	Max marks	Ref
	<p>Any <b>two</b> from the following;</p> <ul style="list-style-type: none"> <li>Timber laths.</li> <li>Expanded metal lath.</li> <li>Rib lath.</li> <li>Slate or stone crevices.</li> <li>Severely uneven brickwork.</li> </ul>	N/A	2	303.01.01 AO1

Q18	Acceptable answer	Guidance:	Max marks	Ref
	<p>Any <b>two</b> from the following;</p> <ul style="list-style-type: none"> <li>Moisture will decay the plaster.</li> <li>Stale odours will be released.</li> <li>The plaster will absorb moisture from the background.</li> </ul>	N/A	2	303.02.01 AO1

Q19	Acceptable answer:	Guidance:	Max marks	Ref
	Any <b>two</b> from the following; <ul style="list-style-type: none"> <li>• Shelf life.</li> <li>• Product coverage.</li> <li>• Mixing instructions.</li> <li>• Health and safety instructions.</li> <li>• Storage.</li> <li>• Method of application.</li> <li>• Manual handling.</li> <li>• Product suitability.</li> </ul>	N/A	2	303.02.02 AO1

Q20	Acceptable answer:	Guidance:	Max marks	Ref
	Any <b>two</b> from the following; <ul style="list-style-type: none"> <li>• Plasticiser.</li> <li>• Waterproofing.</li> <li>• Retarder.</li> <li>• Accelerator.</li> <li>• Salt inhibitor.</li> <li>• SBR.</li> </ul>	N/A	2	303.02.03 AO1

Q21	Acceptable answer	Guidance:	Max marks	Ref
	Any <b>three</b> from the following; <ul style="list-style-type: none"> <li>• Cracking.</li> <li>• Structural.</li> <li>• Shrinkage.</li> <li>• Fire.</li> <li>• Blistering.</li> <li>• Chattering.</li> <li>• Grinning.</li> <li>• Gouging.</li> </ul>	N/A	3	303.03.01 AO1

Q22	Acceptable answer	Guidance	Max marks	Ref
	<p>a) Applying water onto the surface of the plaster when trowelling up/cleaning hard angles.</p> <p>b) Cleaning the rim of buckets during the mixing process/emptying plaster from a bucket.</p> <p>c) Consolidating the surface of plaster/bringing the fat to the surface prior to trowelling up.</p>	N/A	3	303.03.04 AO1

Q23	Acceptable answer:	Guidance:	Max marks	Ref
	<p>A response covering the following points for a maximum of <b>three</b> marks.</p> <p>SBR slurry is used to enhance adhesion between the background and the applied plaster (<b>1 mark</b>), used as a slurry to prevent moisture egress when walls are below ground level i.e. tanking (<b>1 mark</b>), added to increase the strength of the sand and cement mix (<b>1 mark</b>), makes the mix more repellent to water (<b>1 mark</b>).</p>	N/A	3	303.02.03 AO2

Q24	Acceptable answer:	Guidance:	Max marks	Ref
	<p>A description covering the following points for a maximum of <b>six</b> marks.</p> <p>Pre-blended backing coat plasters are more cost effective than sand and cement backing coat plasters <b>(1 mark)</b>, they are less labour intensive to mix <b>(1 mark)</b>, pre blended plaster can be mixed anywhere in the building <b>(1 mark)</b>, pre-blended contain manufacturer's instructions which meet specifications <b>(1 mark)</b>, pre-blended plaster can be skimmed the same day <b>(1 mark)</b>, there are a range of gypsum based plasters that can be used for different types of backgrounds <b>(1 mark)</b>, gypsum is lightweight and contains thermal properties <b>(1 mark)</b>, gypsum take up less storage room as they are pre-bagged <b>(1 mark)</b>, can be mixed and used in any condition <b>(1 mark)</b>.</p>	N/A	6	303.02.03 AO2

Q25	Acceptable answer:	Guidance:	Max marks	Ref
	<p>A description covering the following points for a maximum of <b>five</b> marks.</p> <ul style="list-style-type: none"> <li>• Remove the dust within the chase area by brushing out <b>(1 mark)</b>.</li> <li>• Control the background suction with water or PVA <b>(1 mark)</b>.</li> <li>• Mix and apply the backing coat and fill out the chase <b>(1 mark)</b>.</li> <li>• Cut back the backing plaster within the chase to allow for the finish and form a key <b>(1 mark)</b>.</li> <li>• Mix and apply the finish ensuring the chase is filled flush with each side <b>(1 mark)</b>.</li> </ul>	N/A	5	303.01.01 AO2

Q26	Acceptable answer:	Guidance:	Max marks	Ref
	<p>A response covering the following points for a maximum of <b>two</b> marks.</p> <p>Sheets of EML/rib lath to be fixed flush to the background substrate (<b>1 mark</b>) with mechanical fixings (screw and plug) (<b>1 mark</b>).</p>	N/A	2	303.03.01 AO2

Q25	Acceptable answer:	Indicative content	Max marks	Ref
	<p><b>Band 1 (0-4 marks)</b></p> <p>Thoroughness of response Poor coverage only referencing a limited number of factors from the indicative content. No supporting statements.</p> <p>Relevance Factors are mostly considered in isolation and only a limited number are linked directly to the proposed project.</p> <p>Accuracy Descriptions are brief and may include poor use of correct terminologies and show elements of confusion.</p> <p>Considered Describes how a few of the factors interact with each other but with no supporting statements and only a limited comparative assessment of the correct process from setting out, fixing, applying and finishing the correct plastering method.</p> <p>Supported The candidate draws no conclusions from their proposal.</p>	<ul style="list-style-type: none"> <li>• Preparation for the work i.e. access equipment such as water, power, mixing areas etc.</li> <li>• Type of materials (standard angle beads, plasterboard, backing plaster, reinforcements, fixings etc.)</li> <li>• Correct sequence of work</li> <li>• Suitable methods for carrying out the work i.e. screeds when floating</li> <li>• Disposal of waste</li> <li>• Consideration to follow on trades</li> </ul>	12	Integration across units 301 and 303



	<p><b>Band 2 (5-8 marks)</b></p> <p>Thoroughness of response Reasonable coverage of a broad range of factors from the indicative content, covering reasons for planning, setting out and carrying out the plastering work. Most of the factors discussed are clearly linked to the project.</p> <p>Relevance The majority of factors considered are accurately linked to the plastering project.</p> <p>Accuracy Logical application of knowledge and accurate use of key terminologies. Most factors are accurately linked to the project.</p> <p>Considered Clearly considers how the majority of the key factors interact with each other but with no supporting statements and showing a comparative assessment of the correct process from setting out, fixing, applying and finishing the correct plastering method.</p> <p>Supported Links made between key factors and some conclusions drawn regarding the planning, setting out and plastering procedures.</p> <p><b>Band 3 (9 -12 marks)</b></p> <p>Thoroughness of response Thorough discussion with detailed explanations, which consider a comprehensive range of key factors from the indicative content.</p> <p>Relevance All or nearly all points are clearly and accurately linked to the project.</p> <p>Accuracy Good use of terminology and understanding of planning and the key factors that underpin this process.</p> <p>Considered Clearly explains how all or nearly all of the factors interact with each other in an in-depth and evidenced manner.</p>			
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	<p>Considers the step by step procedures that must be followed in order for following on trades to be able to undertake their work with least amount of preparation required.</p> <p>Supported Any conclusions drawn will be the result of the accuracy and detail of work procedures.</p>			
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