

Mark Scheme (Results)

Summer 2010

Principal Learning

Construction
CB204 Create the Built Environment: Structures

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General Marking Guidance

- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.
- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.
- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.
- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.
- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.
- Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.

Question Number	Answer	Mark
1(a)	D	(1)

Question Number	Answer	Mark
1(b)	C	(1)

Question Number	Answer	Mark
1(c)	E	(1)

Question Number	Answer	Mark
1(d)	B	(1)

Question Number	Answer	Mark
1(e)	D	(1)

Question Number	Answer	Mark
2(a)	D	(1)

Question Number	Answer	Mark
2(b)	C	(1)

Question Number	Answer	Mark
2(c)	C	(1)

Question Number	Answer	Mark
2(d)	B	(1)

Question Number	Answer	Mark
2(e)	D	(1)

Question Number	Answer	Mark
3(a)	D	(1)

Question Number	Answer	Mark
3(b)	B	(1)

Question Number	Answer	Mark
3(c)	D	(1)

Question Number	Answer	Mark
3(d)	B	(1)

Question Number	Answer	Mark
3(e)	C	(1)

Question Number	Answer	Mark
4	Built up felt - Horizontally Clay tiles - Vertically Mastic asphalt - both Lead - Both Plaster - Not suitable	(5)

Question Number	Answer	Mark
5(a)	C	(1)

Question Number	Answer	Mark
5(b)	C	(1)

Question Number	Answer	Mark
5(c)	B	(1)

Question Number	Answer	Mark
5(d)	D	(1)

Question Number	Answer	Mark
5(e)	D	(1)

Question Number	Answer	Mark
6	Pitched roof - Timber Floors - Both Walls - Both Drainage - Neither Stairs - Both	(5)

Question Number	Answer	Mark
7(a)	E	(1)

Question Number	Answer	Mark
7(b)	A	(1)

Question Number	Answer	Mark
7(c)	C	(1)

Question Number	Answer	Mark
7(d)	A	(1)

Question Number	Answer	Mark
7(e)	B	(1)

Question Number	Answer	Mark
8(a)	D	(1)

Question Number	Answer	Mark
8(b)	F	(1)

Question Number	Answer	Mark
8(c)	C	(1)

Question Number	Answer	Mark
8(d)	B	(1)

Question Number	Answer	Mark
8(e)	C	(1)

Question Number	Answer	Mark
9(a)	A	(1)

Question Number	Answer	Mark
9(b)	D	(1)

Question Number	Answer	Mark
9(c)	C	(1)

Question Number	Answer	Mark
9(d)	E	(1)

Question Number	Answer	Mark
10(a)	F	(1)

Question Number	Answer	Mark
10(b)	B	(1)

Question Number	Answer	Mark
10(c)	E	(1)

Question Number	Answer	Mark
10(d)	C	(1)

Question Number	Answer	Mark
11	(i) - Both (ii) -Detail B only (iii) -Both (iv) -neither	(4)

Question Number		Mark
12	<ul style="list-style-type: none"> • Valuation of variations • Final Account • Identifying materials • Monthly Valuations • Use in cost/value reconciliations <p>And any other reasonable answer</p> <p>1 mark for identification of use 2 marks for description of use</p>	(2)

Question Number	Answer	Mark
13	<ul style="list-style-type: none"> • Greater thermal mass • Sound insulation • Noise reduction • Less movement • Easier to use under-floor heating with • Faster construction • Uses semi skilled labour for installation • Insulation can be laid over the top • You can span greater distance • Greater load bearing/strength • Better resistance to flood damage • Provides a working platform during construction • Fire resistance • Maintenance free • Will not rot • No chemical treatment • Unaffected by vermin • No intermediate support required • Not affected by weather • Improved lifespan potential <p>And any other reasonable answer</p>	(6)

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