NCFE Entry Level 2 Functional Skills Qualification in Mathematics (603/5053/2)

Mark scheme: Paper 14

Marking guidelines

The following mark scheme gives:

- the total marks available for each question
- the subject content referencing
- example process/methods and evidence of the types of responses expected for each mark.

General guidelines

You must apply the following marking guidelines to all marking undertaken throughout the marking period. This is to ensure fairness to all learners, who must receive the same treatment. You must mark the first learner in exactly the same way as you mark the last.

- The mark scheme must be referred to throughout the marking period and applied consistently. Do not change your approach to marking once you have been standardised.
- Reward learners positively giving credit for what they have shown, rather than what they might have omitted.
- Utilise the whole mark range and always award full marks when the response merits.
- Be prepared to award zero marks if the learner's response has no relevant material.
- Do not credit irrelevant material that does not answer the question, no matter how impressive the response might be.
- The marks awarded for each response should be clearly and legibly recorded in the grid on the front of the question paper.
- If you are in any doubt about the application of the mark scheme, you must consult with your Internal Quality Assurer (IQA).

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To support the valid, reliable and consistent marking of learner evidence, the following abbreviations are applied throughout the mark scheme:

Annotation	Explanation and use
FT	Follow through marks are applied when there are earlier mistakes in the method.
OE	Or equivalent marks are available for the justification of the answer being presented in a different form to the mark scheme ie 0.5 or ½.
CAO	Correct answer only.
Their	'Their' refers to the learners' own values.
Seen	Seen refers to the requirement to see the stated value in the learner's response or working out.
Imp	Implied refers to the learner's response implying correct working out used but not seen.
Brackets	Indicates units are not required on final answers or for answers seen within working.
BOD	Benefit of doubt where learner handwriting may be difficult to interpret but previous working may indicate correct final answer.
Shaded	Indicates requirements for full marks to be awarded.

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Section A Activity 1	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
1 (a)	**2**	**PS**	**D, B, C, A**	**All 4 correct for full marks Accept values or activity names written**	
	1		Any 3 in consecutive order **or** least and most correct **or** correctly ordered but most to least		N2b
1 (b)	**1**	**UPS**	**C indicated only**	**Accept mark other than tick**	**M21**
1 (c)	**2**	**PS**	**112 (litres)**	**Working must be seen for full marks**	
	1		37 + 75	OE method	N5a
	1		112 (litres)	CAO	N5a
1 (d)	**2**	**PS**	**72 (litres)**	**Award full marks if correct answer seen**	
	1		8 x 9	OE method	N6
	1		72 (litres)	CAO	N6
1 (e)	**1**	**UPS**	**(£) 59 only**	**Accept £59 indicated on list**	**H22**
Total marks	**8**				

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Section B Activity 2	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
2 (a)	**1**	**UPS**	**CR9 and CR11 indicated only**	**Accept mark other than tick**	**N3**
2 (b)	**1**	**PS**	**B indicated only**	**Accept mark other than tick**	**M14**
2 (c)	**1**	**UPS**	**Cylinder**	**Accept spelling error as long as meaning is clear**	**M19b**
2 (d)	**1**	**PS**	**Any 3 buckets indicated only**	**Accept mark other than tick**	**N10**
2 (e)	**2**	**PS**	**70 for April and 50 for July**	**Accept any indication of plotting each value correctly**	
	1		70 for April **or** 50 for July		H25
2 (f)	**2**	**PS**	**40 + 20 + 10 = 70**	**OE method of checking**	
	1		40 + 20 + 10	Rounded values seen	N9
Total marks	**8**				

Section B Activity 3	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
3 (a)	**1**	**UPS**	**C indicated only**	**Accept mark other than tick**	**M13c**
3 (b)	**1**	**PS**	**21 (°C)**	**CAO**	**H22**
3 (c)	**2**	**PS**	**6 (flowers)**	**Award full marks if correct answer seen**	
	1		54 ÷ 9	OE method	N8
	1		6 (flowers)	CAO	N8
3 (d)	**2**	**PS**	**No and Wednesday**	**Decision without reason is 0 marks OE decision and valid reason eg No and only 26 (°C)**	
	1		….Wednesday	OE valid numerical reason eg …only 26 (°C)	M17
3 (e)	**1**	**PS**	**B indicated only**	**Accept mark other than tick**	**M16**
3 (f)	**1**	**UPS**	**41 (flowers)**	**CAO**	**N1**
Total marks	**8**				

Section B Activity 4	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
4 (a)	**1**	**PS**	**2 (roads)**	**Accept 2 correct roads named Accept written or indicated on chart**	**H23**
4 (b)	**2**	**PS**	**57 (meters)**	**Award full marks if correct answer seen**	
	1		84 – 27	OE method	N5b
	1		57 (meters)	CAO	N5b
4 (c)	**1**	**UPS**	**4 (right angles)**	**CAO**	**M20a**
4 (d)	**2**	**PS**	**72p**	**Award full marks if correct answer seen**	
	1		50 + 20 + 2	OE method	M12
	1		72p	CAO – must include correct monetary notation	M12
4 (e)	**1**	**PS**	**A indicated only**	**Accept mark other than tick**	**M13a**
4 (f)	**1**	**UPS**	**x symbol seen**	**CAO**	**N4a**
Total marks	**8**				

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