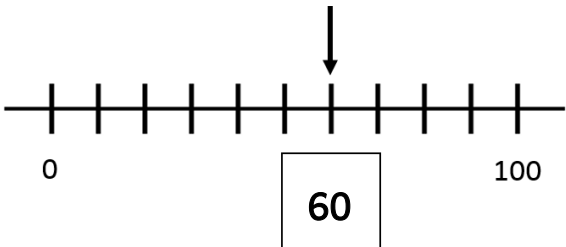
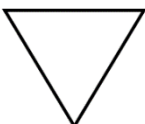
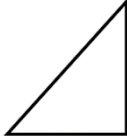
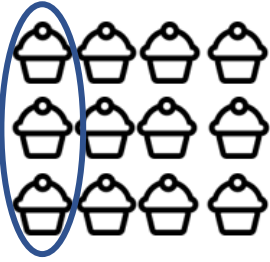


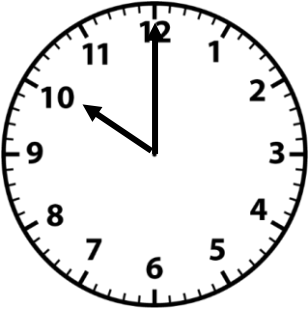
DEPARTMENT FOR CURRICULUM,
LIFELONG LEARNING AND EMPLOYABILITY
Directorate for Learning and Assessment Programmes
Educational Assessment Unit

Annual Examinations for Primary Schools 2022

ALTERNATIVE LEVEL 3 MATHEMATICS MARKING SCHEME

Question No.	Answers and Requirements	Marks	Additional Guidance
1.	$90 \quad \boxed{-} \quad 70 \quad \boxed{=} \quad 20$ or $90 \quad \boxed{=} \quad 70 \quad \boxed{+} \quad 20$	2	c.a.o.
2.		2	c.a.o.
3.	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  ☒ </div> <div style="text-align: center;">  ☐ </div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 20px;"> <div style="text-align: center;">  ☐ </div> <div style="text-align: center;">  ☒ </div> </div>	1,1 1,1	c.a.o. c.a.o.

4.	$32 + 20 =$ 52 pages	2 2	Award marks for other valid attempts. c.a.o.
5.	<p>a)  </p> <p>b)  </p> <p>c)  </p> <p>d)  </p> <p>   </p> <p>half full empty full almost empty</p>	1 1 1 1	c.a.o. c.a.o. c.a.o. c.a.o.
6.	<p>a)  </p> <p>b)  </p> <p>c)  </p>	2	c.a.o. Award 1 mark only if the ruler and another tool is ticked. Award no marks if all tools are ticked.
7.	 3 cupcakes	2 2	Award marks for other valid attempts. c.a.o.

<p>8. a)</p>		<p>2,2</p>	<p>c.a.o.</p> <p>Award marks only if:</p> <ul style="list-style-type: none"> - hour hand is drawn with a ruler and is shorter than the minute hand and pointing to 10. - minute hand is drawn with a ruler and is longer than the hour hand and pointing to 12.
<p>b)</p>	<p>It is (4 o'clock, <u>half past 4</u>, half past 5).</p>	<p>2</p>	<p>c.a.o.</p>
<p>9. a)</p>	<p>Kim ☐ Jeff ☒</p>	<p>2</p>	<p>c.a.o.</p>
<p>b)</p>	<p>The shape is not a square as all sides are not equal. The shape is a rectangle.</p>	<p>2</p>	<p>c.a.o.</p> <p>Accept any other valid explanation.</p> <p>Award 1 mark if student mentions only that the shape is a rectangle.</p> <p>Deduct no marks for spelling mistakes.</p>

10.	a)	i. 20c ☒ ii. 22c ☒ iii. 25c ☒ iv. 26c ☐	1,1 1,1	c.a.o.
	b)	20c – 12c = 8c	1 1	Award marks for other valid attempts. c.a.o.
11.			2	c.a.o.
			2	c.a.o.
			2	c.a.o.
12.	a)i.	bear circled	2	c.a.o.
	ii.	doll circled	2	c.a.o.
	b)	Move <input type="text" value="2"/> squares down and 2 squares <input type="text" value="right"/> .	1,1	c.a.o. Deduct no marks for spelling mistakes.
13.	a)i.	4	1	c.a.o.
	ii.	3	1	c.a.o.
	iii.	3, 12	1,1	c.a.o.
	b)	20 ÷ 5 =	1	Award marks for other valid attempts
		4 shelves	1	c.a.o.

14.	a)	4 cm	2	c.a.o
	b)	7 cm	2	c.a.o.
	c)	7 cm – 4 cm =	1	Award marks for other valid attempts
		3 cm	1	c.a.o. [f.t. from 14b]
15.	a)	Pear circled	1	c.a.o
	b)	4 children	1	c.a.o
	c)	3 more votes	2	c.a.o.
	d)	24 children	2	c.a.o.
16.	a)	5 Mondays	2	c.a.o.
	b)	July	1	c.a.o.
	c)	7 – September	2,1	c.a.o.
17.	a)	12 ÷ 4	2	Award marks for other valid attempts
		3	1	c.a.o.
	b)	13 – 3 =	2	Award marks for other valid attempts
		10	1	c.a.o. [f.t. from 17a]

Legend to Marking Scheme:**c.a.o.** correct answer only**f.t.** follow through**Other guidelines:**

1. No mark in the marking scheme is sub-divisible.
2. Even if no working is shown, a correct answer scores full marks.
3. Incorrect answers – even though nearly correct – score no marks.
4. Incorrect working or statement following a correct answer is ignored.
5. An answer or working that is crossed out and not **replaced** is marked as if it was not crossed out. If the answer or working is replaced then the crossed out answer or working should not be considered in your marking.
6. If the answer is copied from the working area to the answer area incorrectly, then the marks are awarded fully.
7. Misread loses only the final accuracy mark but f.t. may be allowed on subsequent parts. The method marks may still be earned provided that the part question is not oversimplified.

Grade	Level Descriptor	Total 80 marks
A	Has achieved expected learning targets	65 – 80
B	Is on course to achieving learning targets	40 – 64
C	Has not achieved learning targets but is working towards this	15 – 39
D	No progress towards achieving expected learning targets has been noted	0 – 14