

DEPARTMENT FOR CURRICULUM,
LIFELONG LEARNING AND EMPLOYABILITY
Educational Assessment Unit

Annual Examinations for Primary Schools 2024

YEAR 5

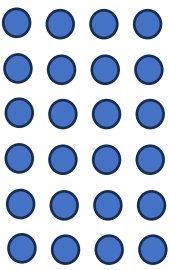
MATHEMATICS

MARKING SCHEME

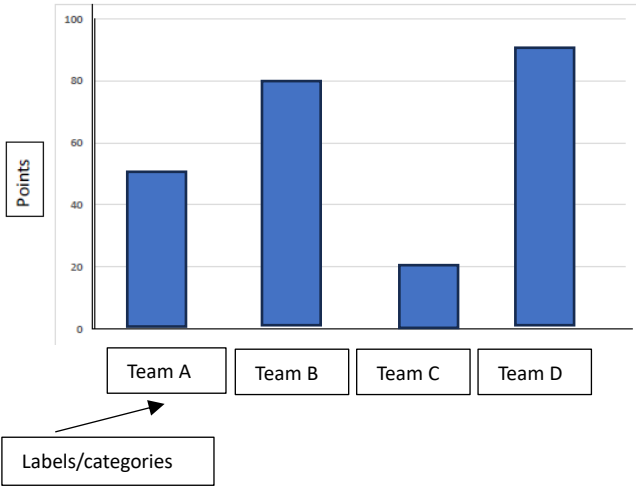
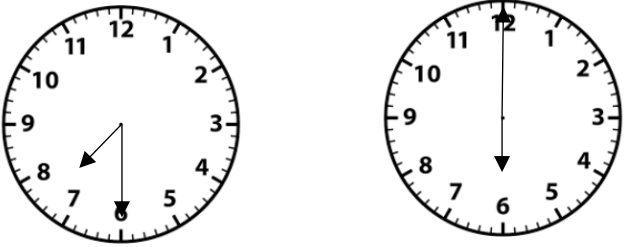
MENTAL PAPER

No.	Requirements	Mark	Additional Guidance
1.	Monday crossed out	1	c.a.o.
2.	99	1	c.a.o.
3.	'units' ticked	1	c.a.o.
4.	'even' ticked	1	c.a.o.
5.	circle	1	c.a.o.
6.	20	1	c.a.o.
7.	cube	1	c.a.o.
8.	321	1	c.a.o.
9.	 ticked	1	c.a.o.
10.	3:30 p.m. ticked	1	c.a.o.
11.	'200 g' ticked	1	c.a.o.
12.	6	1	c.a.o.
13.	2	1	c.a.o.
14.	19	1	c.a.o.
15.	2.40	1	c.a.o.
16.	$\frac{2}{3}$ ticked	1	c.a.o.
17.	20	1	c.a.o.
18.	92	1	c.a.o.
19.	80	1	c.a.o.
20.	3	1	c.a.o.

MAIN PAPER

No.	Requirements	Mark	Additional Guidance
Section A			
1. a) i	29	1	c.a.o.
ii	512	1	c.a.o.
b) i	30	1	c.a.o.
ii	5	1	c.a.o.
c) i	50	1	c.a.o.
ii	663	1	c.a.o.
d) i	9 r 1 or $9\frac{1}{5}$	1	c.a.o.
ii	88	1	c.a.o.
e) i	10	1	c.a.o.
ii	101	1	c.a.o.
2. a)	76, 95	1, 1	c.a.o.
b)		2	c.a.o.
c)	245, 300, 425, 452, 501.	2	c.a.o.
d)	Shade $\frac{1}{2}$ of Bar 1.  Bar 1 Shade $\frac{1}{4}$ of Bar 2.  Bar 2	1 1	c.a.o. c.a.o.
e)	324 409 399 499	1, 1	c.a.o.
3. a)	 (Note: Any other array that is different from the diagram in the exam paper with a total of 24 counters is correct. The multiplication sentence in 3b needs to match the array in 3a).	2,	c.a.o.
b)	$6 \times 4 = 24$ or $4 \times 6 = 24$	2	f.t. from 3a.

4. a)	3	2	c.a.o.															
b)	3	1	c.a.o.															
c)	8	1	c.a.o.															
5.	$2\frac{1}{2} = 2.5$	2, 2	c.a.o.															
6.	12 squares shaded in the grid. 6 squares on each side of the dotted line. Squares are shaded showing symmetry along the dotted line.	1 1 2	c.a.o. c.a.o. c.a.o.															
7. a)	220	1	c.a.o															
b)	150	1	c.a.o.															
c)	30.5 x 10 → <table><tr><td>H</td><td>T</td><td>U</td><td>•</td><td>t</td></tr><tr><td></td><td>3</td><td>0</td><td>•</td><td>5</td></tr><tr><td>3</td><td>0</td><td>5</td><td></td><td></td></tr></table>	H	T	U	•	t		3	0	•	5	3	0	5			2	c.a.o. Accept 305.0 as correct.
H	T	U	•	t														
	3	0	•	5														
3	0	5																
8. a)	8 - 3.5	1	seen															
	4.5	1	c.a.o															
b)	8 + 15.5	1	seen															
	23.5	1	c.a.o.															
9. a)	Number of 10c coins is 87 Value of 2c coins is 72 c	1 1	c.a.o. c.a.o.															
b)	95 (+/- €5) (Do not accept totals including Euro + cents)	2 2	valid attempt seen c.a.o. f.t. from 9a															
10. a)	<table><tr><td>Team A</td><td>Team B</td><td>Team C</td><td>Team D</td></tr><tr><td>50</td><td>80</td><td>20</td><td>90</td></tr></table>	Team A	Team B	Team C	Team D	50	80	20	90	1,1,1	c.a.o. Note: Team B score (f.t. from Team A score)							
Team A	Team B	Team C	Team D															
50	80	20	90															

b)	 Points Team A Team B Team C Team D Labels/categories	1	Give 1 mark if labels are all correct.
		1, 1	Give 1 mark for every 2 correct bars. f.t. from 10a
11. a)	 Note: Hour hand half-way between 7 and 8	1,1	c.a.o.
b)	5.5 or $5\frac{1}{2}$	2	Give 1 mark for 5 hours 30 minutes.
c)	$\frac{1}{3}$ or $\frac{8}{24}$	2	Give 1 mark if 8 or 24 is seen.
12. a)	9	1	c.a.o.
b)	length = 15 width = 3	1 1	Give 1 mark if $12 \times 3 = 36$ is seen.
c)	54	3	Give 1 mark if 9 cm^2 and 45 cm^2 are seen. Accept other methods.

13. a)	A = 250 , B = 500	1, 1	c.a.o.
b)	400 ml marked correctly (4 th divisor)	1	c.a.o.
c)	500 ml, 1 L / 1,000 ml, 2 L / 2,000 ml	1,1,1	c.a.o.
14. a)	Turning 90° or 1 right angle clockwise or Turning 270° or 3 right angles anticlockwise	1 1	c.a.o. c.a.o.,
b)	3 rd arrow marked	1	c.a.o.
c)	 Example of valid attempts • Drawing of all 30 arrows • Counted arrows up to 30 on the diagram • Arrow 5 is up, arrow 10 is facing right, 15 is facing down, 20 is facing left, 25 facing up and 30 facing right	1 2	c.a.o. Accept valid attempt to find 30 th term.

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 over simplified.