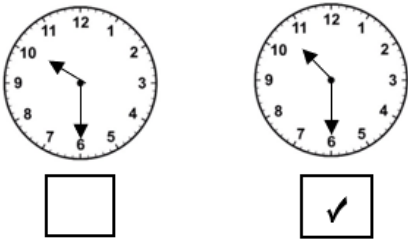


DEPARTMENT FOR CURRICULUM,  
LIFELONG LEARNING AND EMPLOYABILITY  
Educational Assessment Unit

**Annual Examinations for Primary Schools 2024**

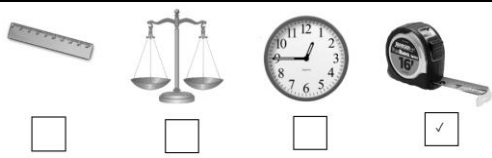
|               |                    |                       |
|---------------|--------------------|-----------------------|
| <b>YEAR 4</b> | <b>MATHEMATICS</b> | <b>MARKING SCHEME</b> |
|---------------|--------------------|-----------------------|

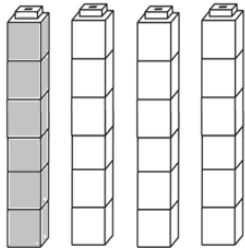
| MENTAL PAPER |                                                                                                                                                                                                                                                             |       |                       |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------|
| Question No. | Answers and Requirements                                                                                                                                                                                                                                    | Marks | Additional Guidelines |
| 1            | 9                                                                                                                                                                                                                                                           | 1     | c.a.o.                |
| 2            | 8                                                                                                                                                                                                                                                           | 1     | c.a.o.                |
| 3            | 100                                                                                                                                                                                                                                                         | 1     | c.a.o.                |
| 4            | 18                                                                                                                                                                                                                                                          | 1     | c.a.o.                |
| 5            | <input type="checkbox"/> centimetres <input type="checkbox"/> metres <input checked="" type="checkbox"/> kilometres                                                                                                                                         | 1     | c.a.o.                |
| 6            | 4                                                                                                                                                                                                                                                           | 1     | c.a.o.                |
| 7            | 55                                                                                                                                                                                                                                                          | 1     | c.a.o.                |
| 8            | 30                                                                                                                                                                                                                                                          | 1     | c.a.o.                |
| 9            | 20                                                                                                                                                                                                                                                          | 1     | c.a.o.                |
| 10           | 6                                                                                                                                                                                                                                                           | 1     | c.a.o.                |
| 11           |    | 1     | c.a.o.                |
| 12           | 86                                                                                                                                                                                                                                                          | 1     | c.a.o.                |
| 13           | 11:30                                                                                                                                                                                                                                                       | 1     | c.a.o.                |
| 14           | 25                                                                                                                                                                                                                                                          | 1     | c.a.o.                |
| 15           | $\frac{1}{2}$                                                                                                                                                                                                                                               | 1     | c.a.o.                |
| 16           | 377                                                                                                                                                                                                                                                         | 1     | c.a.o.                |

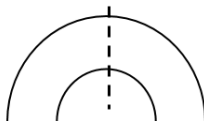
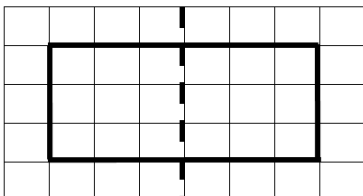
|    |                                                                                   |   |                                                                 |
|----|-----------------------------------------------------------------------------------|---|-----------------------------------------------------------------|
| 17 |  | 1 | c.a.o.                                                          |
| 18 | 3600                                                                              | 1 | c.a.o.                                                          |
| 19 | 5                                                                                 | 1 | c.a.o.                                                          |
| 20 | 11 <sup>th</sup>                                                                  | 1 | c.a.o.<br>Accept also 11th or eleventh. Award mark if misspelt. |

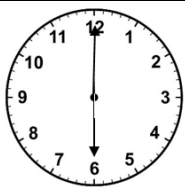
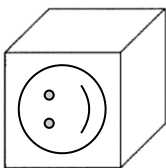
### WRITTEN PAPER

| Question Numbers | Answers and Requirements | Marks | Additional Guidelines                              |
|------------------|--------------------------|-------|----------------------------------------------------|
| 1. a) i.         | 10                       | 1     | c.a.o.                                             |
| a) ii.           | 34                       | 1     | c.a.o.                                             |
| b) i.            | 7                        | 1     | c.a.o.                                             |
| b) ii.           | 8                        | 1     | c.a.o.                                             |
| c) i.            | 28                       | 1     | c.a.o.                                             |
| c) ii.           | 6                        | 1     | c.a.o.                                             |
| d) i.            | 3                        | 1     | c.a.o.                                             |
| d) ii.           | 18                       | 1     | c.a.o.                                             |
| e) i.            | 40                       | 1     | c.a.o.                                             |
| e) ii.           | 6                        | 1     | c.a.o.                                             |
| 2 a) i.          | 11                       | 1     | c.a.o.                                             |
| a) ii.           | A circle is drawn        | 1     | c.a.o.<br>Accept as correct if circle is freehand. |
| b) i.            | =                        | 1     | c.a.o.                                             |
| b) ii.           | >                        | 1     | c.a.o.                                             |
| c) i.            | 40                       | 1     | c.a.o.                                             |
| c) ii.           | 10                       | 1     | c.a.o.                                             |

| Question Numbers | Answers and Requirements                                                            | Marks  | Additional Guidelines                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| d)               | A = 30<br>B = 50                                                                    | 1<br>1 | c.a.o.<br>c.a.o.                                                                                                                                                                                                                                        |
| e)               | 3916                                                                                | 2      | c.a.o.<br>Award 1 mark if number is incorrect but any of the following is correct: <ul style="list-style-type: none"> <li>- the number is greater than 2000.</li> <li>- the hundreds digit is greater than 5.</li> <li>- the number is even.</li> </ul> |
| 3. a)            | 8                                                                                   | 1      | c.a.o.                                                                                                                                                                                                                                                  |
| b)               | 4x2=8 or 2x4=8                                                                      | 1      | c.a.o.                                                                                                                                                                                                                                                  |
| c)               | 'flower' ticked                                                                     | 1      | c.a.o.                                                                                                                                                                                                                                                  |
| d)               | $\frac{1}{4}$                                                                       | 1      | Accept any other fraction equivalent to $\frac{2}{8}$ .                                                                                                                                                                                                 |
| 4. a)            | 4                                                                                   | 1      | c.a.o.                                                                                                                                                                                                                                                  |
| b)               | A correct 14 cm line drawn using a ruler                                            | 2      | c.a.o.<br>Allow +/- 2 mm.                                                                                                                                                                                                                               |
| c)               |  | 1      | c.a.o.                                                                                                                                                                                                                                                  |
| 5. a)            | 4                                                                                   | 1      | c.a.o.                                                                                                                                                                                                                                                  |
| b)               | 3                                                                                   | 1      | c.a.o.                                                                                                                                                                                                                                                  |
| c)               | left                                                                                | 1      | c.a.o.                                                                                                                                                                                                                                                  |
| d)               | right                                                                               | 1      | c.a.o.                                                                                                                                                                                                                                                  |

| Question Numbers | Answers and Requirements                                                                                                                       | Marks      | Additional Guidelines                         |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------|
| 6. a) i.         | 'equal to' underlined                                                                                                                          | 1          | c.a.o.                                        |
| a) ii.           | 'lighter' underlined                                                                                                                           | 1          | c.a.o.                                        |
| 6. b) i.         | 25                                                                                                                                             | 1          | c.a.o.                                        |
| b) ii.           | 4                                                                                                                                              | 1          | c.a.o.                                        |
| 7. a) i.         |                                                               | 1          | Any 6 cubes shaded.                           |
| a) ii.           | 6                                                                                                                                              | 1          | c.a.o.                                        |
| b)               | $24 \div 3$<br><br>8                                                                                                                           | 1<br><br>1 | seen<br>(Accept drawing as working)<br>c.a.o. |
| 8. a)            | 'a half' underlined                                                                                                                            | 1          | c.a.o.                                        |
| b)               | A <input checked="" type="checkbox"/> ii) B <input type="checkbox"/> iii) C <input type="checkbox"/> iv) D <input checked="" type="checkbox"/> | 1,1        | c.a.o.                                        |
| c)               | A correct right angle drawn using a ruler on the grid.                                                                                         | 1          | c.a.o.                                        |
| 9. a)            | less                                                                                                                                           | 1          | c.a.o.                                        |
| b)               | $10c + 5c + 5c$ or $10c + 10c$<br>20                                                                                                           | 1<br>1     | seen<br>c.a.o.                                |
| c)               | $65c - 5c$<br>60                                                                                                                               | 1<br>1     | seen<br>c.a.o.                                |
| d)               | 14                                                                                                                                             | 1          | c.a.o.                                        |
| 10. a)           | 2                                                                                                                                              | 1          | c.a.o.                                        |
| b)               | 2                                                                                                                                              | 1          | c.a.o.                                        |
| c)               | A,B,C or A,B,E or A,D,C or A,D,E or<br>B,D,C or B,D,E<br>(any 2 quadrilaterals and 1 triangle)                                                 | 1          | c.a.o.                                        |

| Question Numbers       | Answers and Requirements                                                                                                                                                                                                                                                  | Marks                  | Additional Guidelines                                      |             |  |        |  |         |  |           |  |   |        |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------|-------------|--|--------|--|---------|--|-----------|--|---|--------|
| d)                     |                                                                                                                                                                                          | 1                      | c.a.o.<br>Award marks only if line is drawn with a ruler.  |             |  |        |  |         |  |           |  |   |        |
| e)                     |                                                                                                                                                                                          | 1                      | c.a.o.<br>Award marks only if shape is drawn with a ruler. |             |  |        |  |         |  |           |  |   |        |
| f)                     | ii) ticked                                                                                                                                                                                                                                                                | 1                      | c.a.o.                                                     |             |  |        |  |         |  |           |  |   |        |
| 11. a)                 | <table border="1"><thead><tr><th colspan="2">Favourite type of book</th></tr></thead><tbody><tr><td>Non-Fiction</td><td>    </td></tr><tr><td>Humour</td><td>    </td></tr><tr><td>Fantasy</td><td>    </td></tr><tr><td>Adventure</td><td>    </td></tr></tbody></table> | Favourite type of book |                                                            | Non-Fiction |  | Humour |  | Fantasy |  | Adventure |  | 1 | c.a.o. |
| Favourite type of book |                                                                                                                                                                                                                                                                           |                        |                                                            |             |  |        |  |         |  |           |  |   |        |
| Non-Fiction            |                                                                                                                                                                                                                                                                           |                        |                                                            |             |  |        |  |         |  |           |  |   |        |
| Humour                 |                                                                                                                                                                                                                                                                           |                        |                                                            |             |  |        |  |         |  |           |  |   |        |
| Fantasy                |                                                                                                                                                                                                                                                                           |                        |                                                            |             |  |        |  |         |  |           |  |   |        |
| Adventure              |                                                                                                                                                                                                                                                                           |                        |                                                            |             |  |        |  |         |  |           |  |   |        |
| b)                     | Adventure                                                                                                                                                                                                                                                                 | 1                      | c.a.o.                                                     |             |  |        |  |         |  |           |  |   |        |
| c)                     | 7 + 4 = 11 children                                                                                                                                                                                                                                                       | 1                      | c.a.o.                                                     |             |  |        |  |         |  |           |  |   |        |
| d)                     | ‘half’ underlined                                                                                                                                                                                                                                                         | 1                      | c.a.o.                                                     |             |  |        |  |         |  |           |  |   |        |
| e)                     | 96 – 28                                                                                                                                                                                                                                                                   | 1                      | Accept any other valid method.                             |             |  |        |  |         |  |           |  |   |        |
|                        | 68 books                                                                                                                                                                                                                                                                  | 1                      | c.a.o.                                                     |             |  |        |  |         |  |           |  |   |        |
| 12. a) i.              | 1 cup <input type="checkbox"/> 2 cups <input type="checkbox"/> 3 cups <input checked="" type="checkbox"/> 4 cups <input type="checkbox"/>                                                                                                                                 | 1                      | c.a.o.                                                     |             |  |        |  |         |  |           |  |   |        |
| a) ii.                 | 160 + 160                                                                                                                                                                                                                                                                 | 1                      | Accept any other valid working.                            |             |  |        |  |         |  |           |  |   |        |
|                        | 0.32 ℓ                                                                                                                                                                                                                                                                    | 1                      | c.a.o.<br>Accept also 0.320 ℓ                              |             |  |        |  |         |  |           |  |   |        |
| b)                     | Jug A contains 400 ml of juice.<br>Jug B contains 325 ml of juice.<br>Jug A contains more juice as 400 ml is more than 325 ml.                                                                                                                                            | 1<br>1<br>1            | Award marks for a mathematically correct explanation.      |             |  |        |  |         |  |           |  |   |        |

| Question Numbers | Answers and Requirements                                                            | Marks      | Additional Guidelines                                                                                                     |
|------------------|-------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------|
| 13. a)           | 7 <sup>th</sup> July circled correctly on the calendar                              | 1          | c.a.o.                                                                                                                    |
| b)               | 30 <sup>th</sup> June                                                               | 1,1        | c.a.o.<br>Accept also<br>30 June or 30,6 or<br>30/6 or 30 - 6<br>Award marks even if<br>spelt incorrectly but<br>legible. |
| c) i.            |    | 1          | c.a.o.                                                                                                                    |
| c) ii.           | 6:00 – 7:00 – 7:30<br>1 hour 30 minutes<br><br>90 minutes                           | 1<br><br>1 | c.a.o.<br>Accept any other<br>valid working.<br>c.a.o.                                                                    |
| 14. a) i.        | cube                                                                                | 1          | c.a.o.                                                                                                                    |
| a) ii.           | cuboid                                                                              | 1          | c.a.o.                                                                                                                    |
| a) iii.          | 3D                                                                                  | 1          | c.a.o.                                                                                                                    |
| b)               | 3                                                                                   | 1          | c.a.o.                                                                                                                    |
| c)               |  | 2          | c.a.o.                                                                                                                    |

**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.