



UNITED ARAB EMIRATES  
MINISTRY OF EDUCATION

Assessment & Examination Directorate

2019/2020

## Grade 6 End of Term 1 Mathematics Exam Marking Guidelines

SN:10B20B0B251C1168545X88945D201912081405GN

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| Part I       |    |    |    |    |    |
|--------------|----|----|----|----|----|
| Item         | 1  | 2  | 3  | 4  | 5  |
| Answer       | D  | A  | C  | B  | C  |
|              |    |    |    |    |    |
| Item         | 6  | 7  | 8  | 9  | 10 |
| Answer       | A  | C  | A  | B  | C  |
|              |    |    |    |    |    |
| Item         | 11 | 12 | 13 | 14 | 15 |
| Answer       | B  | B  | A  | C  | D  |
|              |    |    |    |    |    |
| Total Part I |    |    | 45 |    |    |

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### Grading Guidelines for Part I

- Each question is worth 3 marks.
- A student earns 3 marks if he/she chooses the correct answer and 0 if not.

**No partial credit is to be given in this part.**

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| Part II         |   |           |          |                 |     |           |          |    |                 |    |          |         |         |   |
|-----------------|---|-----------|----------|-----------------|-----|-----------|----------|----|-----------------|----|----------|---------|---------|---|
| Item            | Solutions   |           |          | Marks           |     |           |          |    |                 |    |          |         |         |   |
| 16              | <p>② 3: 0, 3, 6, 9, 12, 15, 18, ...</p> <p>② 5: 0, 5, 10, 15, 20, 25, ...</p> <p>The least common multiple of 3 and 5 is 15.</p> <p>Rashid and Latifa will meet again in 15 weeks. ①</p>  |           |          | 5               |     |           |          |    |                 |    |          |         |         |   |
| 17              | <p>② 8: 1, 2, 4, 8</p> <p>② 24: 1, 2, 3, 4, 6, 8, 12, 24</p> <p>① GCF = 8</p>   |           |          | 5               |     |           |          |    |                 |    |          |         |         |   |
| 18              | <p>① ①</p> <table border="1"> <tr> <td>Number of Beads</td><td>300</td><td>...100...</td><td>...10...</td><td>40</td></tr> <tr> <td>Cost in Dirhams</td><td>60</td><td>...20...</td><td>...2...</td><td>...8...</td></tr> </table> <p>② ① ①</p> <p>Amani will pay AED ...8...</p> |           |          | Number of Beads | 300 | ...100... | ...10... | 40 | Cost in Dirhams | 60 | ...20... | ...2... | ...8... | 6 |
| Number of Beads | 300   | ...100... | ...10... | 40              |     |           |          |    |                 |    |          |         |         |   |
| Cost in Dirhams | 60  | ...20...  | ...2...  | ...8...         |     |           |          |    |                 |    |          |         |         |   |
| 19              | <p>① ① ① ①</p> <p>0.03, 0.32, 38%, <math>\frac{2}{5}</math></p>   |           |          | 4               |     |           |          |    |                 |    |          |         |         |   |



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|    |  |   |
|----|--|---|
| 20 | <p>② <math>\frac{20}{100} = \frac{80}{x}</math></p> <p>② <math>x = \frac{100 \times 80}{20}</math></p> <p>② <math>x = 400</math></p> <p>Mohammed spends 400 minutes in school.</p>                                     | 6 |
| 21 | <p>2.22</p> <p>① + 3.42</p> <p>1.56</p> <hr/> <p>7.20</p> <p>①①①</p> <p>The lengths of the three pieces is 7.20 m.</p> <p><math>10 - 7.20 = 2.80</math> m</p> <p>① ①①①</p> <p>What is left of the board is 2.80 m.</p> | 8 |
| 22 | <p>② 24</p> <p>① 0.13 3.12</p> <p>13 312</p> <hr/> <p>① 26</p> <hr/> <p>① 52</p> <hr/> <p>① 52</p> <hr/> <p>① 00</p>   | 7 |



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|               |  |     |
|---------------|--|-----|
| 23            | $2\frac{1}{3} \times 6 = \overset{\textcircled{2}}{\frac{7}{3}} \times \overset{\textcircled{2}}{\frac{6}{1}} = \overset{\textcircled{2}}{\frac{7 \times 6}{3 \times 1}} = \overset{\textcircled{1}}{\frac{14}{1}} = 14 \text{ km}$  | 7   |
| 24            | $4\frac{2}{3} \div 1\frac{1}{9} = \overset{\textcircled{1}}{\frac{14}{3}} \div \overset{\textcircled{1}}{\frac{10}{9}} = \overset{\textcircled{1}}{\frac{14}{3}} \times \overset{\textcircled{1}}{\frac{9}{10}} = \overset{\textcircled{1}}{\frac{14 \times 9}{3 \times 10}} = \overset{\textcircled{1}}{\frac{21}{5}} = 4\frac{1}{5}$ | 7   |
| Total Part II |  | 55  |
| Total (Exam)  |  | 100 |

### Grading Guidelines for Part II

- If the student follows a method described above, marks should be given based on the suggested marking scheme.
- If the student makes a mistake in a given step and continues correctly he/she only loses the marks for that step.
- All correct solutions are accepted even if different than the ones presented above. In this case, it is up to the teacher to distribute marks accordingly considering the original distribution of marks for the concerned questions.

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