

DIRECTORATE FOR QUALITY AND STANDARDS IN EDUCATION

Department of Curriculum Management

Educational Assessment Unit

End of Primary Benchmark – 2016

Second Session

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MATHEMATICS MENTAL PAPER

Teacher's Paper

TIME: 15 minutes

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1. Words written in **bold** should be **emphasised**.
2. Read, loudly and clearly, each question twice in succession. Allow 5 seconds for the students to work out each answer in the first section and write it down, 10 seconds for the students to work out each answer in the second section and write it down and 20 seconds for the students to work out each answer in the third section and write it down.
3. The use of rough paper for working out answers is **not allowed**. Any working on the answer sheet, however, will not be penalised.
4. The questions should be read out in **English** and **no code-switching/mixing is allowed**. Code-switching is **only** permitted when giving instructions to pupils, as indicated below.
5. Before starting the test, read out the following instructions. **Do not change or paraphrase** these instructions.
  - *I will read out each question twice in succession. Listen carefully. You will then have time to work out your answer.*  
*Se naqralk kull mistoqsija darbtejn wara xulxin. Ismagħni sew. Wara jkollok il-ħin biex twegjibha.*
  - *If you make a mistake, cross out the wrong answer and write the correct answer next to it.*  
*Jekk tieħu żball f'xi risposta, aqtagħha u ikteb ir-risposta t-tajba hdejha.*
  - *You will not be allowed to ask any questions once the test has started.*  
*Ma tistax tistaqsi mistoqsijiet ladarba jkun beda t-test.*
6. At the end of the test, read out the following instructions. **Do not change or paraphrase** these instructions.
  - *The test is over; put down your pens.*  
*It-test spiċċa; poġġi l-bajrow fuq il-mejda.*

*'Now we are ready to start the test. For the following group of questions, you have 5 seconds to work out each answer and write it down. The first question is a practice question.'*

*'Issa lesti biex nibdew it-test. Għal dawn il-mistoqsijiet li ġejjin, għandek 5 sekondi biex taħdem u tikteb kull risposta. L-ewwel mistoqsija li se naqralek hija mistoqsija ta' prattika.'*

<b>Practice Question</b>	What is <b>seven times three</b> ?
1.	What is the <b>next odd</b> number after <b>fifteen</b> ?
2.	Round <b>forty nine</b> to the nearest <b>ten</b> .
3.	What must be <b>added</b> to <b>twenty five</b> to get <b>one hundred</b> ?
4.	What is the sum of <b>forty eight</b> and <b>twelve</b> ?
5.	What is a <b>triangle</b> with <b>two equal sides</b> and <b>two equal angles</b> : a <b>scalene</b> triangle, an <b>equilateral</b> triangle or an <b>isosceles</b> triangle? Tick the correct answer.

*'For the following group of questions, you have 10 seconds to work out each answer and write it down.'*

*'Għal dawn il-mistoqsijiet li ġejjin, għandek 10 sekondi biex taħdem u tikteb kull risposta.'*

6.	Tick the <b>best estimate</b> for the <b>weight</b> of an <b>apple</b> : <b>two grams, two hundred grams, two kilograms.</b>
7.	I think of a number. I <b>multiply</b> it by <b>six</b> to get <b>fifty four</b> . What is the <b>number</b> ?
8.	Change <b>three hundred forty seven centimetres</b> into <b>metres</b> .
9.	How many <b>halves</b> in <b>three wholes</b> ?
10.	Subtract <b>three point four</b> from <b>ten</b> .
11.	Write a <b>square number</b> between <b>sixty</b> and <b>seventy</b> .
12.	A bus leaves Valletta at <b>five minutes past four</b> and arrives in Birkirkara at <b>half past four</b> . How long does the bus take to go from Valletta to Birkirkara?
13.	A mobile phone costs <b>five hundred seventy four euro</b> . Paul buys it at <b>half the price</b> . How much does he pay?
14.	<b>Sixty two stickers</b> are put in <b>packets of nine</b> . How many stickers are left?
15.	In a class of <b>thirty students</b> , <b>two thirds</b> have a pet. How many students <b>have</b> a pet?

*'For the following group of questions, you have 20 seconds to work out each answer and write it down.'*

*'Għal dawn il-mistoqsijiet li ġejjin, għandek 20 sekonda biex taħdem u tikteb kull risposta.'*

16.	<b>Multiply fifty four by eleven.</b>
17.	Each side of a <b>square</b> is <b>three point five centimetres</b> long. What is the <b>perimeter</b> of the <b>square</b> ?
18.	Look at the numbers on your answer sheet. <b>Tick</b> the number that is a <b>factor</b> of both <b>twenty four</b> and <b>thirty six</b> .
19.	One of the angles of a triangle is <b>sixty eight degrees</b> . Another angle is <b>thirty two degrees</b> . Work out the <b>third angle</b> .
20.	There are <b>nine hundred tourists</b> on a cruise ship. <b>One hundred and fifty tourists</b> get off the ship and <b>two hundred and twenty five</b> get on. How many tourists are there on the cruise ship now?

**END OF MENTAL PAPER**