![basic education logo] **basic education**
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

**ANNUAL NATIONAL ASSESSMENT 2014
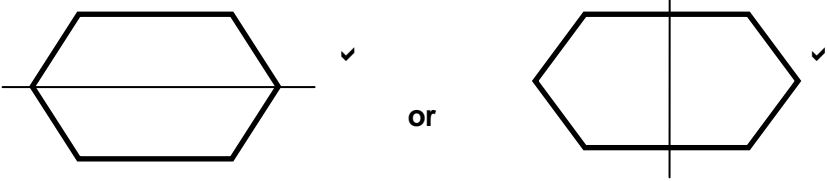GRADE 3 MATHEMATICS: ENGLISH
MEMORANDUM**

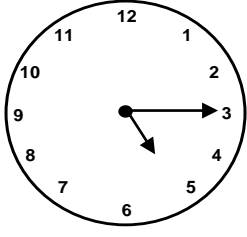**MARKS: 40**

This Memorandum consists of 3 pages.

General marking notes:

1. Give full marks for answers only, unless otherwise stated.
2. Accept any alternative correct solution that is not included in the memorandum except the "vertical column" method, unless otherwise stated.
3. Mark and record the score in line with the answer of each item in the far right.
4. Do not penalise for spelling.

DO NOT ALLOCATE HALF MARKS.

QUESTION	EXPECTED ANSWER(S)		MARK(S)
1.	243, 324, 342, 432 ✔	1 mark for the correct order.	1
2.	421; 321; 221 ✔		1
3.	C ✔	Accept the correct answer even if it is underlined/ ✔ /**x**/circle/written.	1
4.	A ✔		1
5.	C ✔		1
6.	A ✔		1
7.1	✔	• 1 mark for the correct sequence. • Do not penalise if the pattern is repeated correctly more than once.	1
7.2	260; 280; 300 ✔ 1 mark if all three numbers are in the correct sequence.		1
8.	cylinder ✔	Accept the correct answer in any official language.	1
9.	triangle ✔		1
10.	✔ **or** ✔ Only one dotted or solid line is acceptable as long as the line indicates symmetry.		1

11.	336 ✔		1
12.	One hundred and sixty-five ✔	• Accept the correct answer in any official language. • Accept number names with or without a hyphen.	1
13.	400/4 hundred/four hundred/4H ✔		1
14.	20 ✔		1
15.	Kilogram/kg ✔	• Accept 1 kg and 500 ml as correct. • Do not give a mark if the answer is only 1 or 500, without kg and ml.	1
16.	Millilitres/ml ✔		1
17.1	half /1 half/one half/2 quarters/two quarters/2 fourths ✔		1
17.2	1/one ✔		1

18.1	Total number = 12 + 12 + 12 ✔
	               = 10 + 10 + 10 + 2 + 2 + 2
	               = 30 + 6
	               = 36 ✔
	
	              or
	
	Total = 3 x 12 ✔
	               = 3 x (10 + 2)
	               = (3 x 10) + (3 x 2)
	               = 30 + 6
	               = 36 ✔
	          or 36 ✔ ✔
	1 mark for any correct method and 1 mark for the correct answer.
			2

18.2	50/fifty ✔ Accept any method as long as the answer is equals to 50.		1

19.	42 ÷ 3 = (30 + 12) ÷ 3 ✔
	           = (30 ÷ 3) + (12 ÷ 3)
	           = 10 + 4
	           = 14 ✔ **or** 14 ✔ ✔
	
	1 mark for any correct method and 1 mark for the correct answer.
			2

20.1	8/eight ✔		1
20.2	right ✔ Accept the correct answer even if it is underlined/ ✔ /**x**/circle.		1

21.	✔ ✔
	245 + 153 → 245 + 100 + 50 + 3 → 345 + 50 + 3 → 395 + 3 → 398
	                 or
	            ✔ ✔
	245 + 153 → 245 + 3 + 50 +100 → 248 + 50 + 100 → 298 + 100 → 398
	
	1 mark for any correct 'adding-on' method and 1 mark for the answer.
			2

22.	489 − 256
	= 400 + 80 + 9 − 200 − 50 − 6
	= 400 − 200 + 80 − 50 + 9 − 6 ✔
	= 200 + 30 + 3
	= 233 ✔
	        or
	     9 − 6 = 3
	and 80 − 50 = 30 ✔
	and 400 − 200 = 200 it means
	489 − 256 = 233 ✔
	
	1 mark for any correct 'breaking down' method and 1 mark for the answer.
		2

23.1	cat ✔	1
23.2	8/eight ✔	1
24.1	Drum and Guitar ✔ • Give a mark where both instruments are indicated correctly. • No mark for only one instrument.	1
24.2	R31,75 ✔	1
25.1	350c ✔	1
25.2	R2,00 ✔	1

26.	42÷2 = (40 + 2) ÷ 2
	     = (40 ÷ 2) + (2 ÷ 2)
	     = 20 + 1 ✔
	     = 21 ✔ **or** 21 ✔ ✔
	1 mark for any correct method and 1 mark for the correct answer.
		2

27.	The minute hand **must** be on 3 and the hour hand **must** be just after 5. ✔	1
28.	 1 mark where both jumps are indicated correctly **or** 1 jump from 25 to 50.	1
		TOTAL: 40