DEPARTMENT OF BASIC EDUCATION
REPUBLIC OF SOUTH AFRICA

IIMVAVANYO ZONYAKA NONYAKA KUZWELONKE WAMA- 2012
IBANGA 3 MATHEMATIKA-ISIXHOSA
IMEMORANDAM (BRAILLE)

AMANQAKU: 60

Le memorandam inamaphepha ama-3.

Indlela yokunika amanqaku:

1. Nika amanqaku apheleleyo ngeempendulo kuphela, ngaphandle kokuba ikhona enye into oyixelelweyo.
2. Yamkela nayiphi impendulo echanekileyo engekhoyo kwimemorandam.

IMIBUZO		IIMPENDULO EZILINDELEKILEYO	AMANQA KU	EWONKE
1.	a.	100; 125; 150 ✔	1	
	b.	658; 638; 618 ✔	1	
	c.	150; 200; 300 ✔ okanye 300 ; 200 ; 150 ✔	1	3
2.	a.	Amashumi alithoba anesihlanu ✔ Yamkela igama lenani elifanelekileyo nangaluphi na ulwimi olusemthethweni. Ungabathatheli manqaku ngenxa yopelo olugwenxa.	1	2
	b.	Amakhulu amathathu anamashumi asixhenxe anesibini ✔ Yamkela igama lenani elifanelekileyo nangaluphi na ulwimi olusemthethweni. Ungabathatheli manqaku ngenxa yopelo olugwenxa.	1	
3.	a.	542, 452, 425, 245 ✔	1	2
	b.	1 kwisine, 1 kwisithathu, 1 kwisibini ✔ Yamkela iimpawu okanye imizobo eyamkelekileyo yamaqhezu.	1	
4.	a.	400 + 200 + 30 + 10 + 1 + 3 ✔ = 600 + 40 + 4 ✔ = 644 ✔ okanye ✔ ✔ ✔ 431 + 200 ⟶631 + 10 ⟶641 + 3 ⟶644	3	
	b.	70 + 2 - 30 - 7 ✔ ✔ ✔ = 60 + 12 - 30 - 7 ✔ okanye 72 - 30 ➜ 42 - 7 ⟶ 35 = 60 - 30 + 12 - 7 = 30 + 5 ✔ = 35 ✔	3	
	c.	3 x 1 = 3 ✔ 3 x 31 = 93 ✔ ✔ 3 x 30 = 90 okanye 3 + 90 = 93 ✔ 31 + 31 + 31 = 93 ✔ ✔	2	
	d.	ukuba 80 ÷ 4 = 20 ✔ indlela yokubala: inqaku1 no 4 ÷ 4 = 1 impendulo: inqaku1 ithetha ukuba u-20 + 1 = 21 ✔	2	10

5.	a.	70 okanye 7T/t okanye amashumi asi-7 okanye amashumi asixhenxe ✔	1	2
	b.	500 okanye 5H/h okanye amakhulu ama-5 okanye amakhulu amahlanu ✔	1	
6.		22, 23, 25, ✔	1	1
7.	a.	(2 x R1,50) + R1,00 = R4,00 ✔ ✔ itshintshi = R5 - R4 = R1/100c ✔ Thabatha inqaku xa iyunithi yemali ingabhalwanga kwimpendulo.	3	6
	b.	✔ ✔ ✔ R3,40 - R1,75 = R1,65 Thabatha inqaku xa iyunithi yemali ingabhalwanga kwimpendulo.	3	
8.	a.	✔ ✔ Inani lamavili = 12 x 5 = 60	2	4
	b.	✔ ✔ Inani leebhisikithi = 69 ÷ 2 = 34 nesiqingatha.	2	
9.	a.	572 ✔	1	6
	b.	300 + 80 + 5 ✔ Yamkela nokuba zilandelelana ngaluphi na uhlobo.	1	
	c.	49 + 49 = 98 ✔ nofana 2 x 49 = 98 ✔	1	
	d.	397 , 398 , 399 , 400 , 401, 402 ✔	1	
	e.	137 ✔	1	
	f.	C / 300 ✔ Yamkela unobumba okanye impendulo enesangqa.	1	
10.	a.	f g d ✔	1	2
	b.	275 ✔	1	
11.		Iimilo ezingamacala ama-2 | Izinto ezinamacala ama-3 Unxantathu | Ityhubhu/Ibhokisi Uxande | Isilinda Yamkela iimpendulo ezamkelekileyo nokuba zilandelelana ngaluphi na uhlobo kuluhlu ngalunye.	1 1 1 1	4
12.	a.	a ✔	1	2
	b.	b ✔	1	
13.	a.	31 ✔	1	3
	b.	4 ✔	1	
	c.	Lwesihalnu ✔	1	

14.	a.	B ✔	1	
	b.	• Usiba olubonisa iyure luzotywe phakathi kwe 11 ne 12. • Usiba olubonisa imizuzu kufuneka lube lude kunolubonisa iyure kwaye kufuneka lukhombe ku-6. ✔	1	3
	c.	90 ✔	1	
15.	a.	khilogrem. ✔	1	
	b.	iilitha. ✔	1	
	c.	iisentimitha. ✔	1	4
	d.	15 cm ✔	1	
16.		45 ✔	1	1
17.	a.	7 ✔	1	
	b.	Nana ✔	1	
	c.	140 cm ✔	1	
	d.	Yamkela impendulo ephakathi kuka-100 cm no 120 cm, umz. 110 cm ✔	1	
	e.	Ntombi ✔	1	5
		AMANQAKU EWONKE:		**60**