DEPARTMENT OF BASIC EDUCATION
REPUBLIC OF SOUTH AFRICA

UKUHLOLA KUKAZWELONKE KONYAKA NONYAKA 2012
IBANGA 3 METHAMETHIKISI-ISIZULU
IMEMORANDAMU YESIVIVINYO (BRAILLE)

AMAMAKI: 60

Le memorandamu inamakhasi ama-3.

Indlela yokumaka iphepha:

1. Nikeza amamaki aphelele ngempendulo efanele ngaphandle uma kuchazwe ngenye indlela.
2. Vumela noma iyiphi indlela engekho kwimemorandamu, enika impendulo elindelwe.

UMBUZO		IZIMPENDULO EZILINDELEKILE	AMAMAKI	ISAMBA
1.	a.	100; 125; 150 ✔	1	
	b.	658; 638; 618 ✔	1	
	c.	150; 200; 300 ✔ noma 350 ; 300 ; 200 ✔	1	3
2.	a.	Amashumi ayisishagalolunye nanhlanu ✔ Amagama ezinombolo amukelekile nanganoma yiluphi ulimi olusemthethweni. Ungamjezisi ngenxa yesipelingi okungasona.	1	2
	b.	Amakhulu amathathu namashumi ayisikhombisa nambili ✔ Amagama ezinombolo amukelekile nanganoma yiluphi ulimi olusemthethweni. Ungamjezisi ngenxa yesipelingi okungasona.	1	
3.	a.	542, 452, 425, 245 ✔	1	2
	b.	Ikota, okunye kokuthathu/uhhafu. ✔ Amukela izimpawu ezifanele noma imidwebo yamaqhezu.	1	
4.	a.	400 + 200 + 30 + 10 + 1 + 3 ✔ = 600 + 40 + 4 ✔ = 644 ✔ noma ✔ ✔ ✔ 431 + 200 → 631 + 10 → 641 + 3 → 644	3	
	b.	70 + 2 - 30 - 7 ✔ ✔ ✔ = 60 + 12 - 30 - 7 ✔ or 72 - 30 → 42 - 7 → 35 = 60 - 30 + 12 - 7 = 30 + 5 ✔ = 35 ✔	3	
	c.	3 x 1 = 3 ✔ 3 x 30 = 90 noma 3 x 31 = 93 ✔ ✔ 3 + 90 = 93 ✔ 31 + 31 + 31 = 93 ✔ ✔	2	
	d.	Kanye 80 ÷ 4 = 20 ✔ Imethod: imaki eli-1 no 4 ÷ 4 = 1 Impendulo: imaki eli-1 Okusho ukuthi 20 + 1 = 21 ✔	2	10

5.	a.	70 noma 7T/t noma amashumi ayisi-7 noma amashumi ayisikhombisa ✔	1	2
	b.	500 noma 5H/h noma amakhulu ama-5 noma amakhulu amahlanu ✔	1	
6.		22, 23, 25, ✔	1	1
7.	a.	(2 x R1,50) + R1,00 = R4,00 ✔ ✔ Ushintshi = R5 - R4 = R1/100c ✔ Susa imaki umakungekho iyuniti empendulweni.	3	6
	b.	✔ ✔ ✔ R3,40 - R1,75 = R1,65 Susa imaki umakungekho iyuniti empendulweni.	3	
8.	a.	✔ ✔ Inamba yamathayi = 12 x 5 = 60	2	4
	b.	✔ ✔ Inamba yamakhekhe = 69 ÷ 2 = 34 nohhafu	2	
9.	a.	572 ✔	1	6
	b.	300 + 80 + 5 ✔ Amukela nanganoma yiluphi uhlelo.	1	
	c.	49 + 49 = 98 ✔ noma 2 x 49 = 98 ✔	1	
	d.	397 , 398 , 399 , 400 , 401, 402 ✔	1	
	e.	137 ✔	1	
	f.	C / 300 ✔ Amukela nanoma impendulo efanele ikokelezelwe noma idwetshelwe.	1	
10.	a.	f g d ✔	1	2
	b.	275 ✔	1	
11.		<table><tr><td>2-D isheyiphu</td><td>3-D isheyiphu</td></tr><tr><td>Unxantathu/itrayingili</td><td>Ikhiyubhi/Ibhokisi</td></tr><tr><td>Unxande/irethingili</td><td>Isilinda</td></tr></table>Amukela izimpendulo ezifanele nanganoma yiluphi uhlelo ohlwini ngalunye.	1 1 1 1	4
12.	a.	a ✔	1	2
	b.	b ✔	1	
13.	a.	31 ✔	1	3
	b.	4 ✔	1	
	c.	uLwesihlanu ✔	1	

14.	a.	B ✔	1	
	b.	• uthi lwamahora ludwetshwe lwaphakathi kwe-11 ne-12. • uthi lwamaminithi kumele lube lude kunothi lwamahora futhi lukhombe kwinamba eyisi-6 ✔	1	3
	c.	90 ✔	1	
15.	a.	Ikhilogremu. ✔	1	
	b.	Amalitha. ✔	1	
	c.	Amasentimitha. ✔	1	
	d.	Amasentimitha ayi-15 ✔	1	4
16.		45 ✔	1	1
17.	a.	7 ✔	1	
	b.	Kim ✔	1	
	c.	Amasentimitha ayi-140 ✔	1	
	d.	Yamukela impendulo ephakathi kwamasentimitha ayi-100 nayi-120, isibonelo: amasentimitha ayi-110 ✔	1	
	e.	Pat ✔	1	5
		ISAMBA:		**60**