BUTERE MUMIAS EVALUATION PAPER = "{#HT{R"

1. You have been given this question booklet and a separate answer sheet.

This question booklet contains 50 questions.

- 2. Do any necessary rough work in this booklet.
- 3. When you have chosen your answer, mark it on the ANSWER SHEET, not in this question booklet.

 HOW TO USE THE ANSWER SHEET
- 4. Use only an oldinary pencil.

Make sure that you have written on the answer sheet:

YOUR INDEX NUMBER YOUR NAME

NAME OF YOUR SCHOOL

1. Write one of the following in ninety million eight hundred and eighty eight thousand four hundred and eighty nine in symbols.

A.90880480

B.90888489

C.90889489

D.90898489

2. How many times is the total value of digit 8 more than the total value of digit 2 in the number 784926?

A.79980

B. 799980

C.4000

D. 40000

3. What is 6999.9986 rounded off to the nearest hundredths?

A. 6999.99

B. 6999.00

C. 7000.00

D. 7000

4. What is the sum of the L.C.M and H.C.F of the numbers 54, 72 and 90?

A. 1080

B. 1062

C. 1098

D. 60

5. A shopekeeper bought two crates of soda each containing 24 bottles. He then sold each bottle of soda at sh.30 making a 20% profit. How much had he paid for the crates of soda?

A. Sh.1440

B. Sh.1200

C. Sh.25

D. Sh.50

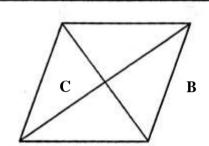
6. After a decrease of sh.500 Peter's salary became sh.4500. What was the percentage decrease?

A. 10%

B. 11.11%

C. 15%

D.11%



Time: 2hrs

Δ

D

A. 25cm²

B. 6cm

7. What is /.of(/.-1) + /.

A.1'/,

B.6/.

C.4%-

D.3%.

8. In the figure below CD and AB are diagonal measuring 6cm and 8cm respectively. Find its area.



- C. 24cm²
- D. 20cm²
- 9. Martin paid sh.7200 for eight shirts after getting a discount of 10%. What was the marked price of each shirt?
 - A. Sh.1000
- B. Sh.810
- C. Sh.8000
- D. Sh.9000
- **10.** Nancy bought the following items from the shop.
 - 2'/kg of sugar@ sh.120
 - 3kg of rice@sh.100
 - 1'/kg of cooking oilfor sh.180
 - 3 loaves of bread@sh.90
 - 2 exercise books for sh.72

If she paid for the items above using two-one thousand shilling notes, how much balance did she receive?

- A. Sh.1122
- B. Sh.978
- C. Sh.878
- D. Sh.1022
- 11. Arrange the following fractions in ascending

- A. %44,4
- B.4,4%_
- c.4,74,4,/,
- D. 4, 4, %%



and 15cm respectively. The measurements

are increased by 20%. What is the area of

the rectangle?

12.	'lhegraph belowisma and an equilateral trian	gle of side 14cm.		A.30° C. 40°	B. 120° D. 60°	
	What is half its perimeter?		19.	Wamboi borrowed sh.90000 from a bank which charged a simple interest at the rate of 12% p.a. How much money did she pay back after 8 months? A. Sh.7200 B. S. 97200 C. Sh.86400		
			20	C. Sh.86400	D. Sh.176400	
			40.	Express 0.037 as a per A. 37%	B. 0.37%	
				C./,%	D. 3.7%	
			21	What is the square roo		
	A. 50cm	B. 64cm	21.	[i6] V 81		
12	Gaarga rada from ham	o to school at a speed		A."/, ₄	B	
13.	George rode from hom	_		A. /, 4	<i>D</i> . 9	
	C. 25cm	D. 32cm				
	of 15km/h. He then ro	ode back at a speed of		C. 2 11-	D_{\cdot}^{2l}	
		9km/h taking a total of 8 hours. Find the		What is the place value of digit 2 in the		
	distance between his home and school.			product of 7.98 and 6.9?		
	A . 24km	B. 90km		A. Ones	B. Tens	
	C. 48km	D. 45km		C. Thousandths	D. Hundredths	
14.	The area of a square ca	ard is 1'/, m. Find its	/, m. Find its 23. Work out: 4.5 x 15.21			
	perimeter.			0.225 x 169		
	A./,mn	B. 4 /.,m		A. 1.8	B. 18	
	C. 114,m	D. 1/.m		C. 180	D. 0.18	
15.	The mean mass of eight girls is 44kg. The mass of seven of them are 45kg, 46kg, 45kg,		24.	A river is represented on a map using a scale of 1:2500. What will be the drawing length		
	48kg, 43kg, 38kg and 4	45kg. Find their		of a river 5km on the map?		
	modal mass.			A. 200m	B. 20000cm	
	A. 38kg	B. 42kg		C. 2m	D. 20cm	
	C. 90kg	D. 45kg	25.	What is the capacity o	_	
16.		in the sequence below.		container measuring 0.2m by 0.5m by 0.7r		
	1, 1, 2, 3, 5, 8,			in litres?	~	
	A. 14	B. 13		A. 7000 litres	B. 7 litres	
4 –	C. 16	D. 15	2.	C. 700 litres	D. 70 litres	
17.	In an election there we	ere tkree candidates X,	26.	The length and width	of a rectangle are 20cm	

Y and Z. Candidate X got 2175 votes, Y got

1002 votes less than Z who got 1500 votes

more than X. 720 votes were spoilt. How

B. 300cm²

C. 132cm² D. 180cm²

27. Oduor made a loss of 20% after selling a pullover for sh.1200. Calculate his buying price.

A. Sh.1220

B. Sh.960

C. Sh.1500

D. Sh.1440

28. What is the smallest number that must be subtracted from 376234 to make it divisible by 11?

A. 1

B.2

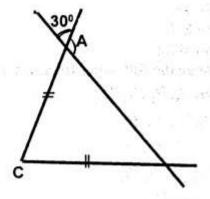
c.3

D. 4

29. Work out:

[O. 23@i

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a

English

	A. 4.8 - 1	0.48	37.	A bicycle wheel	has a radius	of21cm.
	C. 48	D. 0.048		How many revo	olutions will i	t maic to cover a
30.	Construct triangle RST	such that line		distance of 11.8	88km?	
	ST=8.5cm, angle RST=			A. 9000	B. 90	00
	SRTE7O. What is the n	•		C. 6000	D.60	00
	A: 7cm	B. 8.5cm	38.	The table below	shows the a	rrival time and
	C.7.8cm	D. 8.9cm		deeparture time	f∞ra bus ait d	ifferent stations.
31.		erties of a quadrilateral.		Station	A rrival	Departure]
011	(a) All sides are equal	or a quadritatoral.		Kisumu		7.00am
	(b) All angles are right	t angles		Kericho	8.30am	9.00am
	(c) Diagonals meet at	_		Nakuru	11.30am	12.30pm
	(d) Opposite angles are	•		Gilgil	1.20pm	1.40pm
	Which of the above pro	-		Naivasha	2.40pm	3.00pm
	to a rhombus?	11.7		Nairobi	4.30pm	Стобрии
	A. (d)	B. (c)		1 (dil ooi	поорт	
	C. (a)	D. (b)		How long did th	he bus take fi	rom Kericho to
32.	The top of a ladder 25	metres long leans on a		Naivasha?	ne sus tune n	
	vertical wall. The ladder touches the wall to			A. 5hrs 50mins	B. 6	hours
	a height of 15 metres. What is the horizontal			C. 5hrs 40mins		nrs 10mins
	distance in metres from	the bottom of the	39 .	A bus left Nairo		
	ladder to the wall?					ved at 10.Oam,
	A. 10m	B. 20m		what was its sp		*
	C.24m	D. 40m		A. 180m/s	B. 90	-
33.	What is the value of w	in the equation:		C. 50m/s	D. 2:	5m/s
	3w-1=2w-4		40.	Kamau harvest	ed 0.42 tonne	es of beans one
	5 3			season. He kep	ot 120kg for f	amily .se and
	A. 25	B. 15		-	_	How many bags
	C. 5	D.4		did he sell?	2 2	, 0
34.	The area of the curved	surface of a cylinder is		A.8	B.7	
	5544cm ² · If the height	is 12cm What is the				
	3344cm · If the height	is 42cm. What is the		C.9	D.6	
	radius of the cylinder?	(Take $n = \angle$,)	41.	The pie-chart below shows how pupils in Mathare Primary chose their favourite		how nunils in
	A. 6cm	B. 21cm				
	C. 18cm	D. 36cm		subjects.	ij chose chos	14, 00110
35.	In the figure below line	•		j		
		are straight lines while				Social
	line BE=EC. Angle BA	AC=43° and angle				studies
	BDC=48.					
	A 43	В	Ki	swahili		

36.

What is the sizee of angle **DEC**?

A. 89° C. 86°

D. 96°

In the year 2016, March 1 I was a Friday. What day was 16 June the same year?

A. Friday

B. Thursday

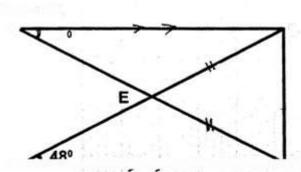
C. Wednesday

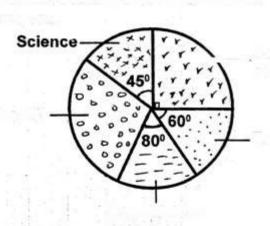
D. Saturday

Mathematics

- 31	If 765 pupils chose Kiswahili, how many					
	pupils chose	Mathematics?				
	A 760	B. 1	20			
	C.540		105			
42.	Three girls v	Vambui, Wanji	ru and Mercy did a			
	test. Wanjir	u had 8 marks	ess than Mercy			
1	while Wamb	ui had 19 more	marks than			
	Wanjiru. If	Mercy had W	narks, find the			
- 9	total marks	they all had?				

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A.3w-3B.3w + 11C. 3w + 3D.3w - 11

A. Sh.10000 B. Sh.110000 C. Sh.90000 D. Sh.80000

43. The sides of a triangle are in the ratio 3:4:6. If the longest side is 18cm, what is the perimeter of the triangle?

A. 13cm B. 39cm C.31cm D. 78cm

44. Construct a triangle ABC where

AB=BC=4cm. Draw a circle that touches the three vertices of the triangle.

What is the diameter of the circle? A. 2.6cm B. 1.3cm

C. 4.6cm D. 2.3cm

45. What is the value of:

 $2z^2 - 2(x-9)$ x-y

if z=y+5, x='/z and y=3*A*. 64 B. 128

C. 126

D.32

46. A car was sold at sn.100000 through a dealer. The dealer charged the owner a 10%

commission on the selling price. How much did the owner get?

47. Kazungu bought a radio on hire purchase terms. He paid a deposit of sh.900 and 9 equal monthly instalments of sh.300. The hire purchase price was 20% more than the marked price. What was the marked price of the radio?

A. Sh.3500 C. Sh.600

B. Sh.3000 D. Sh.1200

B.6

D. 5

48. Ten identical taps can fill a tank of water in 8 minutes. How many more taps would be needed to fill the same tap in 5 minutes?

A. 16 C. 8

49. Rotich shared money among his three children. The first got '/, while the second got '/, of the money. The third got '/, of what remained. Rotich was left with sh.3000. How much money had he before it was shared?

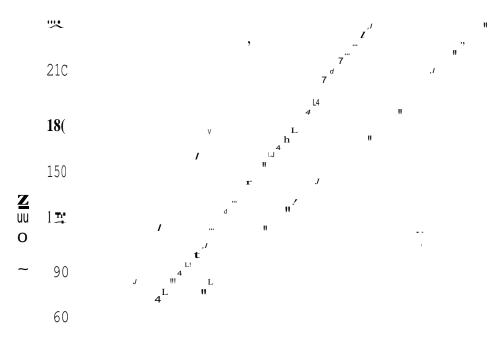
A. Sh.72000

B. Sh.14400

C. Sh.36000

D. Sh.108000

The graph below shows the journey made by the three motorists Ali, Juma and Omondi. Use it to answer question 50.



8am 9am 10am. 11am 12pm 1pm 2pm TIME IN HOURS

50. Among the three motorists, who is the fastest?

A. Ali

B. Juma

C. Omondi

D.None

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