

TIMER NATIONAL SERIES $\{6\}$

EVALUATION TEST

STD 6MATHEMATICS

Time: 2 hrs

- 1. What is 5 637 405 inwords?
 - A. Five hundred and sixty three thousand seven hundred and forty five
 - B. Five million six hundred and thirty seven thousand and forty five
 - C. Five million six hundred and thirty seven thousand, four hundred and five
 - D. Five million $\$ X thousand and thirty seven thousand four hundred and five
- 2. What is the total value of digit9in the number 290 1232?
 - A. 900 000
 - **B**. 90 000
 - C.9000

CODE0062021

- D. 900
- 3. What is the value of: 11.01+32 +0.4812?
 - A. 43.491
 - **B**. 40.421
 - C. 4.4251
 - D. 445.51

8. What is the value of the angle marked *x* in the figure below?

А.	66°	B. 38°
C.	5& °	D. 48°

- 9. April3''2013 was on a Friday. Which day was 5° May the same year?
 A. Saturday B. Sunday
 C. Monday D. Tuesday
- 10. Calculate the area of the triangle below

24 cm



4.	Subtract 65273 from	n 871 618	A. 30	0cm°	B. 840cm'
	A. 816 445	B. 806 345	C. 16	8cm'	D. 84cm
	C. 814465	D. 806 445			14. A pitter maline and
				A	
		and the second s	11. A stor	ry book has 89 p	bages. Every single
S.	What is 45% express	ed as a fraction in its	page	has 4936 words	How many words
	simplest form?		are th	ere in the book	
	•	B 'z	A. 5	250	C Man 19
	A	. 2	-		
	C."4	D.725	B. 49	3 304	15. A success ployage
6	the second second	and the second	C. 55	025	
6.	Which of the followi	ng numbers is	D. 43	9304	
	divisible by four?	State on the second		in the second	c
	A. 29 642	B. 11 447	12. Work	out the sum of	1. 10.6
	C. 36400	D. 10293		48 526 and 7 08	Diete internet
	4 (010		A. 55	613	
7.	Whatis 4+,(81?		B. 52	561	
	A. 117	B.97	C. 55	261	
	C.25	D.13	D. 56	521	
1					
				25 cm	17. In a lower, 25% of a
				1	
		A STATE AND A STATE OF		h `	and a second second
		15 M		7 cm	A teacht

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- 13. What is the next number in the sequence below?49, 42, 40, 33, 31, 24,
 - A. 17 B. 26
 - **C**. 21
 - **D**. 22
- 14. A petrol station ordered for 360 120 litres ofparaffin which they re-packed into 60 litre drums. How many drums were filled?

Α.	62	B. 620
C.	602	D. 6 002

- 15. A square plot has an area of 441 M. Calculate the perimeter of the plot A. 84m
 - B. 21m
 - C. 42m
 - **D.** 64m
- 16. What is the GCD of 21, 63 and 84? A. 16 B.7 c.21 D.63
- 17. In a town, 25% of the population are children. If the town has 382 000 people, how many children are there?

А.	142 000	В.	950
C.	19 000	D.	95 500

18. Calculate the volume of the cuboid below

- 2u. Henry bought the following items from a shop;
 - 2 packets of Junga @ Sh.50
 2 kg of Sugar @ Sh.120
 500 g cooking fat for Sh. 140
 How much balance did he get from a five hundred shilling note?
 A. Sh. 310
 B. Sh. 20
 C. Sh. 480
 D. Sh. 200
- 21. Round off the sum of 68 783 and **79 989** to the nearest thousand.
 - A. 149 000B. 150 000C. 1 000 000D. 140 000
- 22. In the year 2014, the population of Kumbu market was 200 486. In the year 2015 the population rose to 230 799. What was the increase in population between the two years?

A.	30 313	B. 40 029
C.	431 265	D. 302 930

- 23. Construct **triangle ABC** such that line AC =6 cm, line AB=5 cm and angle CAB= 70'. What is the size of angle ABC? A. 117° B.66°
 - C. 58° D. 62°
 - B. 10'%, D.5'%.

A. 14400 CM C. 41 CM

B.1 440cm D. 144m

19. Amotorist travelled at a speed of 54 km/h. What is his speed inm/s?
A. 10m/s
B. I5m/s
C. 20m/s
D. 30m/s

25. Alison left town A for town B at 10.34 am. She took 2 h 30 min to reach town B. At what time did he reach town B in 24 hour clock system? A. 1034 h

B. 124 h C. 1304 h D. 1404 h

26. Divide: 51,+ 17'/2 A.%, B.I, c.3 D.%

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24. What is $(5^1/_2)^2$? A. $^{11}/_2$ C. $30^{1}/_4$



Rent Cafe Wants nores hands and mans a mach!

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27. Express "*I*, as a mixed number A.4I, B.9 %, C.9%, D. 5%,

A. 1386 cm

C. 66 cm

A. 40 min

C. 80 min

A. I8:+ 15n

B.18: + 5n C. 21x+2n D. 6r+ \$n

30. Simplify:

28. Calculate the circumference of the circle below (*Tak* = /,)

29. Three bells rung at intervals of 4 min,

will they ring again?

3(4r+3n) + 2(3r-2n)

5 min and 8 min. Afer how many minutes

B. 63cm

D. 132cm

B. 60 min

D.20 min

34. Anthony's family consumes 500 ml of milk everyday. How many litres of milk did they consume in May 2015?
A 15.51 R 1557

А.	15.57	D.133!
C.	5151	D.155001

- 35. What is the product of 2'/, of and 1/, ?

 A.2'%,
 B.3'%,

 C.2'%,
 D.3
- 36. Omari can drive a distance of 1 500 m in60 seconds What is his speed in metres per second?
 - A. 30 m/s B. 25 km/hr C. 25 m/s D. 15 m/s

37. Arrange the fractions / '/,, 'I, and '/, from the smallest to the largest?

- **22.** What $1s^{41.96}$ size $\frac{gfthe}{Le}$ and $mated \approx 34$ letter m in the figure below?
- 31. An empty carton weighs 3.2 kg. When books each weighing 500 g are packed in it, the mass becmes 16.2 kg. How many books all packed in the carton?
 A. 26
 B. 126°
 C. 108°
 D. 128°



- 33. Mary packed 28 kg of sugar into 1 kg packets. He sold each packet at sh.80. How much money did she get from the sale of thesepackets?
 A. Sh. 1 280
 B. Sh.1 180
 - C. Sh. 2240 D.Sh.I 080

39. Hellen had 60 hens. Twenty of the hens died. *What* fraction of the hens remained? A.'L, B.I'%, c.'I, D.%,

40. Multipy	Multipy:			
Litres	dl	ml		
8	2	24		
X		8		

A. 641 16*dl* 192 ml
B. 651 7dl 92ml
C. 641 35dl 2ml
D. 651 8dl 92ml

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41. What is the value of x in the figure below?

A.	60°	B. 70°
C.	90°	D. 45°

42. What **S** the perimeter **of** the semicircle drawn below? (*Take* **n=/**, **)**

		28m	
A.	72cm		B.44cm
С.	88cm		. D.6 6 cm

- 43. John bought a goat for Sh.2 000 and later sold it for Sh. 2 500. What was his percentage profit?
 - A. 20%
 - B. 25%
 - C. 30%
 - D. 50%
- 44. Mary's home is3'/,km from her school. If she goes to school and comes back in the evening, what distance does she cover in a week?

- 47. Hope academy his 530 pupils. Each pupil was given 8 exercise books. How many exercise books were given out to the pupils altogether?
 - A. 4340
 - B. 5240
 - C. 4040
 - D. 4240
- 48. The bar graph below shows the attendance of pupils in a class of 50 pupils



Days of the week

On which day was attendance of pupils equal to 40%.

- A. Monday
- B. Tuesday
- C. Wednesday
- D. Thursday

A. 28 km

C. 49 km

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- B.7km D.35 km
 - 45. Evaluate: $g\pm b\pm \phi$ abc when a=2,b=3andc=4



B.< D. Non

e

50. What is the next shape in the pattern?



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