

**EDU SERIES EXAM**  
**MATHEMATICS STD 6**



15. Write  $\bar{a}$  as a percentage.

- A. 30%                      B. 50%  
C. 40%                      D. 60%

16. Find the value of X in equation

$$4(x-3) = 24$$

- A. 3                              B.  $5\frac{1}{4}$   
C. 9                              D.  $6\frac{3}{4}$

17. Zainabu earns 18000/= per month. If she saves 20%. How much does she spend?

- A. Shs. 14400              B. Shs. 3600  
C. Shs. 36000              D. Shs. 1440

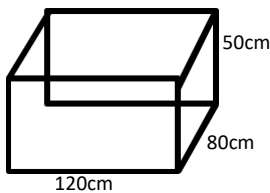
18. Work out :  $4.75 + 38.407 + 27$

- A. 70.157                      B. 69.157  
C. 43.157                      D. 27.157

19. How many 50 shillings note are there in four 500 shillings note.

- A. 10                              B. 20  
C. 40                              D. 400

20. What is the volume of the figure below in cubic meters.



- A. 0.48                              B. 48000  
C. 4800                              D. 48

21. Ng'ong'a bought 8 exercise books @ shs. 25, 3 pencils @ shs. 48, 4 rubbers for shs. 45 and a fountain pen at shs. 50. How much did he pay.

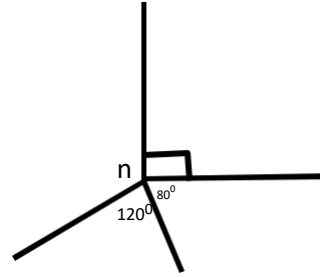
- A. Shs. 484                      B. shs. 249  
C. shs. 384                      D. shs. 439

22. Work out

$$8 \overline{) 24\text{km } 680\text{m } 48\text{cm}}$$

- A. 5km 220m 60cm  
B. 6km 18m 60cm  
C. 3km 82m 8cm  
D. 3km 85m 6cm

23. What is the value of angle n



- A.  $80^0$                       B.  $70^0$                       C.  $160^0$                       D.  $90^0$

24. Work out

$$623\ 7812 - 4037215 + 21431$$

- A. 2179166                      B. 57497  
C. 2222038                      D. 2222028

25. Arshley bought 25 hens at shs. 320 each, 5 of them died. He sold the remaining ones at shs. 350 each. What loss did he make?

- A. Shs. 8000                      B. Shs. 1000  
C. Shs. 8750                      D. Shs. 7000

26. What is the difference between the LCM and GCD of 12, 18 and 24?

- A. 66                              B. 78  
C. 72                              D. 6

27. How many days were there from 1<sup>st</sup> January upto March 31<sup>st</sup> of the year 2016.

- A. 90                              B. 89  
C. 91                              D. 92

28. A morning lesson started 5 minutes to ten am and took 45 minutes, at what time did the lesson end?

- A. 10.00am                      B. 10.40pm  
C. 10.00pm                      D. 10.40am

29. What is the simplest form of

$$4 + -9 - 3 ?$$

- A.  $7x + y$                       B.  $7x - 3y$   
C.  $7x - y$                       D.  $7x + 3y$



41. The table below shows cost of sending letters.

Type of article	Cost in shs.
Not over 20g	20.00
Not over 50g	25.00
Not over 100g	30.00
Not over 250g	40.00
Not over 500g	50.00
Not over 1kg	65.00
Not over 2kg	80.00

Ndemo sent three letters one weighing 150g and two other weighing 1.2 kg how much did he pay for postage?

- A. Shs. 200                      B. shs. 160  
C.shs. 120                      D. shs. 190

42. Which one of the following is a terminating decimal.

- A. -  
B. -  
C. -  
D. -

43. Which of the following is WRONG, about equilateral triangle.

- A. Each interior angle is  $90^{\circ}$   
B. All sides are equal  
C. Sum of interior angles add upto  $180^{\circ}$   
D. Each interior angle is  $60^{\circ}$

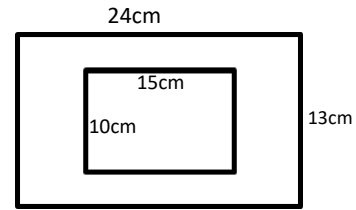
44. Jeremiah's stride is 75cm 6mm long. What is the length of the stride in millimetres?

- A. 75.6mm  
B. 7506mm  
C. 756mm  
D. 7.56mm

45. A car covered a distance of 180km in 1h 40mins. What was its speed in km/h.

- A. 300  
B. 120  
C. 30  
D. 108

46. Find area of the shaded region in the figure below?



- A.  $312\text{cm}^2$                       B.  $150\text{cm}^2$   
C.  $462\text{cm}^2$                       D.  $162\text{cm}^2$

47. What is the product of the faces and vertices of an open cube?

- A. 60                                      B. 48  
C. 40                                      D. 75

48. The table below show class 6 attendance

Days of the week	Mon	Tue	Wed	Thur	Fri
Pupils present	42	38	40	43	37

What was the mean attendance.

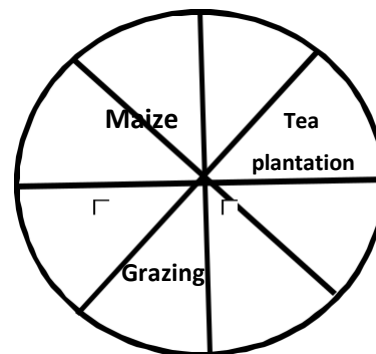
- A. 200                                      B. 40  
C. 37                                      D. 42

49. A circle has a radius of 17.5m. calculate the distance round

( Take  $\pi$  )

- A. 35m                                      B. 110m  
C. 55m                                      D. 145m

50. The pie chart below shows how Randari used his 48ha land.



What size of land was under maize plantation.

- A. 12ha                                      B. 6ha  
C. 18ha                                      D. 24ha