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MATHEMATICS ASSIGNMENT 20/4/2020.

MONEY:

1. By selling an article at shs.480, a trader made a 20% profit. For how much must he sell the article in order to make a 40% profit?
2. A salesman earns a basic salary of shs. 12400.He is also paid a commission of 12% on goods sold above shs 50000.In one month, he sold goods worth shs. 240,000. How much did he earn in that month?
3. The marked price of a cooker is shs. 25000.The hire purchase price is 20% more than the marked price. Linda bought the cooker on hire purchase terms. She paid a deposit followed by 6 equal monthly installments of shs.3000 each. How much deposit did she pay?
4. Naliaka deposited shs.30000 in a bank which paid simple interest at the rate of 8% p.a.He withdrew the interest after $1\frac{1}{2}$ years.How much did she withdraw?
5. Papa bought 40 pawpaw's at shs.30 each, 15 pineapples at shs.45 each and 60 apples at shs.15 each. He spent shs.200 on transport. On reaching the market he sold pawpaw in piles of 4 selling each pile at shs.160, pineapples in piles of 3 at shs.180 per pile and piled apples in piles of 5 at shs.150 per pile. How much profit did papa make?
6. A saleslady in a company earns a basic salary of shs.24 000.She is also given $2\frac{1}{2}$ % on all the sales above shs.10 000. How much did she earn in a month she sold goods worth 1.6 million?
7. Ochieng deposited shs.80 000 in a bank that offered 5% compound interest per year. How much amount was in his account after 18 months?
8. Njeri paid shs.3 600 after getting 10% discount. How much less should she have paid if she was given 12% discount?
9. The price of a generator is shs.80 000.The hire purchase price is 50% more than the cash price. Carol bought it on hire purchase paying a deposit of shs. 24 000 and equal installments of shs. 8 000.After how long did she pay the installments%

10. Kirwa bought the following items.

- 2kg of maize flour @ sh.70
- $1\frac{1}{2}$ kg of rice each shs.90
- 2-2dl packets of milk @sh 60
- $4\frac{1}{2}$ kg of wheat flour for shs.375

How much balance did he get if he paid using 2-500 shilling notes?

11. Mwaura bought a pair of trouser for shs. 8 100 after getting a 10% discount. How much more would he have paid if he had been given a 5% discount?

12. Mark had a sh 1000 note. He changed the note into the following denominations. 500,200,100 and 50 shilling notes. What was the highest number of notes that he could obtain?

13. A business man sold a radio for shs.2160 making a 5% profit. He had received a 20% discount when buying the radio. What was the marked price of the radio?

14. Bilha bought 50 pineapples at shs.40 each. On her way to the market,10 pineapples got spoilt. She sold all the rest making a 25% profit. How much did she sell 2 pineapples?

15. Mugaka borrowed shs 24 000 from a bank at a simple interest rate of $2\frac{1}{2}$ % per month. How much did he pay back at the end of one year?

16. If Juma sells a jiko for shs.340 he makes a loss of 15%. How much should he sell the jiko to make a profit of 20%

17. Two bars of soap cost shs. 300. How much balance will Jane get from a shs. 500 note if she buys 3 bars?

18. The price of a pair of shoe was reduced by shs. 700. This represents 20% discount. What was the price of the pair of shoes after the discount?

19. The money received at a concert attended by 900 people was shs 7500. Tickets were sold shs. 10 each but children were admitted at half price. How many children attended the concert?

20. A trader sold a bull for shs 17000 making a loss of 15%. How much would he have sold it to make a 15% profit?