

Junior WAEC Mathematics repeated questions 2021

PAPER I

1. Approximate 5.7255 to the nearest thousandth. A. 5.7 B. 5.725 C. 5.7255 D. 5.726 E. 5.73
2. Write in figure: six hundred and fifty-eight million, one hundred and twenty-five thousand and one. A. 658,125,100 B. 658,125,101 C. 658,125,001 D. 658,125,000 E. 658,105,001
3. Express 0.00254 in standard form. A. 2.54×10^{-1} B. 2.54×10^{-2} C. 2.54×10^{-3} D. 2.54×10^{-4} E. 2.54×10^{-5}
4. Find the sum of prime factors in 60. A. 5 B. 7 C. 8 D. 10 E. 12
5. Round off 6827 to the nearest ten. A. 6820 B. 6821 C. 6830 D. 6900 E. 7000
6. Express N32.00 as a ratio of N72.00. A. 34:16 B. 16:34 C. 9:4 D. 4:9 E. 1:2
7. Find the L.C.M. of $20a^2$ and $32ab$. A. $4a$ B. $16a^2b$ C. $160a^2b$ D. $160ab^2$ E. $320a^2b$
8. Add the following 1011two ; 1111 two and 101111 two . A. 111110 two B. 10111two C. 1001001 two D. 1001101 two E. 11001101 two
9. Find the H.C.F of 108 and 72. A. 9 B. 18 C. 27 D. 36 E. 72
10. Increase 4500kg by 15%. A. 300kg B. 675kg C. 3825kg D. 5175kg E. 67500kg
11. Find the product of the L.C.M. and H.C.F. of the following numbers 9, 12 and 18. A. 6 B. 18 C. 36 D. 108 E. 216
12. If N240,000.00 is shared among 3 people in the ratio 5:4:3, what is the least share? A. N100,000.00 B. N96,000.00 C. N80,000.00 D. N60,000.00 E. N52,000.00
13. Find the simple interest on N30,000.00 for $3\frac{1}{2}$ years at 5% per annum. A. N5,250.00 B. N5,775.00 C. N10,750.00 D. N11,550.00 E. N15,770.00
14. Find the square root of $9 \times 16 \times 25$. A. 3600 B. 360 C. 60 D. 25 E. 9
15. A desktop computer is bought for N45,000.00 and sold for N30,000.00. Find the loss percent. A. 45.00% B. 33.33% C. 30.00% D. 15.33% E. 10.00%
16. Arrange in descending order of magnitude $\frac{3}{5}$, $\frac{1}{2}$, $\frac{4}{7}$, $\frac{5}{9}$. A. $\frac{3}{5}$, $\frac{4}{7}$, $\frac{1}{2}$, $\frac{5}{9}$ B. $\frac{1}{2}$, $\frac{4}{7}$, $\frac{3}{5}$, $\frac{5}{9}$ C. $\frac{3}{5}$, $\frac{4}{7}$, $\frac{5}{9}$, $\frac{1}{2}$ D. $\frac{4}{7}$, $\frac{3}{5}$, $\frac{1}{2}$, $\frac{5}{9}$ E. $\frac{5}{9}$, $\frac{3}{5}$, $\frac{4}{7}$, $\frac{1}{2}$.
17. On every sale of goods worth N10,000.00, there is a commission of N550.00. If an agent delivers N150,000.00, find his commission. A. N1,250.00 B. N2,250.00 C. N4,150.00 D. N7,250.00 E. N8,250.00
18. Multiply 1001101two by 111two . A. 1001101two B. 1000101two C. 1001001two D. 1010001two E. 10011two
19. A Toyota Hilux uses 100 litres of fuel in a distance of 250km. How many litres of fuel will it use for a distance of 150 kilometres? A. 50 litres B. 60 litres C. 80 litres D. 133 litres E. 375 litres
20. Reciprocal of 0.65 to three significant figure is? A. 1.54 B. 1.538 C. 1.53 D. 1.500 E. 0.54