

NIMOTALAI MODEL COLLEGE SCHOOL IHUNBO IPOKIA LOCAL GOVERNMENT, OGUN  
STATE

SECOND TERM EXAMINATION 2022/2023 ACADEMIC SESSION

CLASS: JSS THREE

TIME ALLOWED 90 MINS

SUBJECT: MATHEMATICS

SECTION A

- 1) The LCM of 14 and 17 is (a) 90 (b) 60 (c) 238 (d) 120
- 2) The Roman numeral CXIV represents the number (a) 194 (b) 186 (c) 214 (d) 215
- 3) What is the value of 1.2 km in metres? (a) 120m (b) 1 200m (c) 12 000m (d) 120 000m
- 4) Simplify  $2\frac{1}{4} + \frac{1}{4}$  (a)  $3\frac{1}{4}$  (b)  $2\frac{1}{8}$  (c)  $1\frac{1}{4}$  (d)  $2\frac{1}{2}$
- 5) Simplify  $4\frac{2}{5} - 3\frac{1}{4}$  (a)  $1\frac{3}{20}$  (b)  $3\frac{2}{5}$  (c)  $1\frac{7}{20}$  (d)  $1\frac{5}{8}$
- 6) Calculate in base two  $101+101$  (a) 1010 (b) 1111 (c) 1001 (d) 0101
- 7) Calculate the cost of 82 oranges at ₦5.80 each, leave your answer in three significant figure  
(a) ₦480 (b) ₦457.5 (c) ₦475.6 (d) ₦476
- 8) A cup has a capacity of 290mL. It takes 63 cups to fill a bucket. Find the approximate capacity of the bucket in litres  
(a) 9 litres (b) 10 litres (c) 1800 litres (d) 18 litres,
- 9) Expand  $586 \dots$  (a)  $5 \times 9^2 + 9 \times 8^2 + 6 \times 9^2$  (b)  $5 \times 9^2 + 8 \times 9^2 + 6 \times 1$  (c)  $5 \times 9^2 + 8 \times 9^2 + 6 \times 9^2$  (d)  $5 \times 9^2 + 8 \times 9^2 + 6 \times 9^2$
- 10) An SS3 student told a JSS1 student that he is the senior to him in age by 8 years. If the junior student is  $x$  years old, how old is the senior student? (a)  $8x$  (b)  $x + 8$  (c)  $8 - x$  (d) 16
- 11) Simplify  $2 \times 9x + 12x$  (a)  $18x$  (b)  $22x$  (c)  $30x$  (d) 15
- 12) Simplify  $6x^2y/2y^2x$  (a)  $6x$  (b) 3 (c)  $3xy$  (d)  $3y$
- 13) Simplify  $7x - 6 - (2 - x)$  (a)  $8x - 8$  (b)  $7x - 8$  (c)  $7x + 12$  (d)  $8x - 4$
- 14) Expand completely  $(2a - 3b)(3a - 2b)$  (a)  $6a^2 - 4ab - 9ab + 6b^2$  (b)  $6a^2 - 13ab + 6b^2$  (c)  $6a - 13ab + 6b$  (d)  $6 - 13ab + 6b^2$
- 15) Factorize  $12x - 8y$  (a)  $4(3x + 2y)$  (b)  $(3x + 2y)$  (c)  $4(3x + y)$  (d)  $4(x + 2)$
- 16) Factorize the quadratic expression  $x^2 + 7x + 10$  (a)  $(x + 5)(x + 2)$  (b)  $(x + 5)(x + 7)$   
(c)  $(5x + 5)(x + 2)$  (d)  $(x + 7)(2x + 2)$
- 17) Solve the linear equation  $2(x - 8) = 3(x + 5)$  (a) -30 (b) 31 (c) -31 (d) -13
- 18) The average cost of a number of erasers is ₦0k. If all the erasers cost N 20, find the total number of

# Question Papar Of Jss3 2014

**D Siedentop**



**Question Paper Of Jss3 2014:**

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