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**ADEBOLA COLLEGE, ILORIN**

**OUR VISION : Build community that emphasizes academic rigor and character development to foster innovative problem solvers and life-long learners.**ENTRANCE EXAMINATION INTO SSS CLASSES

SAMPLE ENGLISH PAPER

TIME ALLOWED: 1 HOUR

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 *First Name Last Name (Surname)*

SCHOOL: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

EXAM CENTRE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

EXAM CENTER ADDRESS: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DATE OF EXAM: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Instructions:**

▪ Use a black or blue pencil
▪ Answer all questions

▪ Read each question carefully before answering.
▪ Be time conscious.
▪ It is important to proofread your answers
▪ Be reminded of the importance of legibility; clear presentation of ideas;

DO NOT START UNTIL YOU ARE TOLD TO DO SO. GOODLUCK!

**PRACTICE QUESTIONS.**

SECTION A

INSTRUCTION: Answer ALL the questions in both sections.

1. When I divide 48 by the sum of 5 and a certain number, the result is 3.

What is the number?

(A) 11 (B) 16 (C) 119 (D) 139

2. Evaluate 110112 + 101112 in binary.

(A) 1100102 (B) 1011012 (C) 1110112 (D) 1001112

3. Subtract 2478 from 54328 and leave your answer in base 8.

(A) 51638 (B) 45658 (C) 34568 (D) 11638

4. Given the 21p = 10112, calculate the value of p.

(A) 2 (B) 3 (C) 4 (D) 5

5. The product of a certain number and 7 is equal to twice the number

subtracted from 36. Find the number.

(A) 2 (B) 3 (C) 4 (D) 5

6. Joel buys 4 rulers and a pencil and these cost the same as 2 rulers and 4

pencils. If a pencil costs N 8, how much does a ruler cost?

(A) N10.00 (B) N11.00 (C) N12.00 (D) N13.00

7. Efe can travel 45km in 3 hours using his bicycle. How many kilometres can

he travel in 10hours?

(A) 120km (B) 150km (C) 155km (D) 160km

8. Calculate the reciprocal of 0.05.

(A) (B) (C) 5 (D) 20

9. The sum of 35 and a certain number is divided by 4. The result is equal to

double the number. Find the number.

(A) 3 (B) 4 (C) 5 (D) 6

10.From the product of 9 and 10, subtract 48; then divide the result by 7. What

is your final answer?

(A) 5 (B) 6 (C) 7 (D) 8

11. Five workers dig a piece of ground in 8 days. How long will it take 10

workers to do the same work?

(A) 10days (B) 8days (C) 5days (D) 4days

12.Convert 10111011two to decimal.

(A) 187 (B) 178 (C) 718 (D) 127

13. Calculate the simple interest on N30,000 for 4 years at 5% per annum.

(A) N 5,000 (B) N 5,600 (C) N 6000 (D) N 6,500

Use the figure below to answer questions 14 and 15.

1000

x y 1480

14. What is the value of y?

(A) 320 (B) 420 (C) 480 (D) 500

15. Calculate the value of x.

(A) 320 (B) 420 (C) 480 (D) 500

16. Express 0.65 as a fraction.

(A) (B) (C) (D)

17. Find the H.C.F of 15, 20 and 35.

(A) 2 (B) 3 (C) 4 (D) 5

18.Convert 131four to base ten.

(A) 29 (B) 28 (C) 21 (D) 19

19. A dealer bought 1000 articles for N 6000 and sold them at N 9 each. Find

his percentage profit.

(A) 90% (B) 70% (C) 60% (D) 50%