**PATFIN HIGH SCHOOL, AKESAN, LAGOS STATE**

**FIRST TERM EXAMINATION [2018/2019]**

**SUBJECT: MATHEMATICS CLASS: J. S. S. 1**

**SECTION A OBJECTIVES**

**INSTRUCTION: answer all questions in this section DURATION: 2 hours**

1. The place value of 7 in 0.9517 is \_\_\_\_\_\_\_\_\_\_.
2. Hundreds b) Hundredth c) Ten thousandth d) Ten thousand
3. The value of 7 in 558705 is \_\_\_\_\_\_\_\_\_\_\_.
4. 70 b) 700 c) 7000 d) 705
5. Find the H.C.F of 54, 36 and 72.
6. 9 b) 6 c) 36 d) 18
7. Express improper fraction
8. 59/5 b) 21/5 c) 11/5 d)5/21
9. Arrange in ascending order of magnitude.
10. 1/4,1/3,3/5,2/3 b) 1/4,3/5,1/3,2/3 c) 2/3,1/3,1/4,3/5

d) 2/3,1/3,1/4,3/5

1. Express as decimal number (to 2d. p)
2. 8.33 b) 3.56 c) 2.38 d) 5.26
3. Express % as fraction
4. 5/100 b) 2/4 c) 9/100 d) 4/100
5. Evaluate
6. 5 b) 17/20 c)5/17 d)20/25
7. What is the unit of length for measuring the thickness of an exercise note?
8. Cm b) Km c) M d) Mm
9. Which of the following is not a factor of 72?
10. 24 b) 15 c) 6 d) 72
11. Simplify 21/5 ÷ 1/4
12. 5/4 b) 1c) 4d) 84/5
13. Find the L.C.M of 10,12 and 24
14. 540 b) 90 c) 200 d) 120
15. Simplify 72 × 8/45.
16. 8/12 b) 12 4/5 c) 172/3 d) 728/45
17. Find x in
18. 12 b) 3 c) 4 d) 2
19. Express 210 as a product of its prime factor
20. 2×3× 5× 7 b) 3× 5×5×7 c) 2× 5×7×7 d) 5× 7×11×11

**SECTION B SUB-OBJECTVE**

**INSTRUCTION: Provide the answers to the following questions.**

16. The unit of measurement for measuring the distance from Lagos to Abuja is \_\_\_\_\_\_\_\_\_\_\_\_\_.

17. The unit of measurement for measuring the space occupied by your school \_\_\_\_\_\_\_\_\_\_\_\_\_.

18.₦ 0.08 billion in full is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

19. The value of 8 in 18 169 143 155 362 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

20. 5 expressed in improper fraction is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**SECTION C THEORY**

**Instruction: Answer question one and any other three.**

1. Find the difference between the HCF and LCM of 168 and 240.
2. Simplify 12 + 1 – 6
3. Express 2310 as a product of primes in index.
4. Write the following in full digits and in words: i) 1 trillion

ii) 69.5 million

1. Find the missing numbers.

1. Arrange the following fraction in descending order

5/9, 9/13, 1/3, 4/5.