



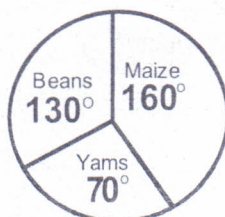
**COMMON ENTRANCE EXAMINATION INTO
SACRED HEART HIGH SCHOOL, IGUOSA,
BENIN CITY, EDO STATE.
2013/2014 ACADEMIC SESSION
SUBJECT: MATHEMATICS TIME ALLOWED: 2 Hours**

SECTION A: Answer all questions in this section.

1. Write the following number in word; 1,000,001,001
 - A. One trillion one thousand and one
 - B. One million one thousand and one
 - C. One billion one thousand and one
 - D. One billion one million and one
 - E. One thousand one hundred and one

2. Write the following in word: 2,000,020,012
 - A. Two billion twenty thousand and twelve
 - B. Twenty billion twenty thousand and twelve
 - C. Two hundred million two thousand and twelve
 - D. Twenty million twenty thousand and twelve
 - E. Two trillion twenty thousand and twelve

3. Simplify $2\frac{1}{2} + \frac{3}{4} - 1\frac{3}{8}$ (A) $2\frac{7}{8}$ (B) $2\frac{1}{8}$ (C) $1\frac{7}{8}$ (D) $1\frac{5}{8}$ (E) $1\frac{3}{8}$
4. Simplify $5\frac{1}{4} - 1\frac{5}{6}$ (A) $4\frac{5}{12}$ (B) $4\frac{1}{12}$ (C) $3\frac{5}{12}$ (D) $2\frac{5}{12}$ (E) $4\frac{3}{4}$
5. Simplify $6\frac{2}{3}x \frac{3}{40}$ (A) $1\frac{1}{2}$ (B) $\frac{1}{2}$ (C) $\frac{3}{4}$ (D) $2\frac{1}{2}$ (E) $\frac{2}{3}$
6. Arrange the following in ascending order $\frac{3}{8}, \frac{13}{16}, \frac{1}{2}$ and $\frac{3}{4}$
 - (A) $\frac{3}{8}, \frac{1}{2}, \frac{3}{4}, \frac{13}{16}$ (B) $\frac{3}{8}, \frac{3}{4}, \frac{1}{2}, \frac{13}{16}$ (C) $\frac{1}{2}, \frac{3}{8}, \frac{3}{4}, \frac{13}{16}$ (D) $\frac{3}{8}, \frac{13}{16}, \frac{1}{2}, \frac{3}{4}$ (E) $\frac{3}{4}, \frac{1}{2}, \frac{3}{8}, \frac{13}{16}$
7. Add 4.072; 30.14 and 1.724
 - (A) 35.946 (B) 359.36 (C) 359.26 (D) 35.936 (E) 34.936
8. From 21.0419 take away 9.9469
 - (A) 10.095 (B) 11.094 (C) 110.94 (D) 12.095 (E) 11.095
9. Find the product of 0.52 and 0.14
 - A. 0.0728 (B) 0.728 (C) 0.7281 (D) 7.28 (E) 72.8
10. Evaluate $8.4 \div 0.12$
 - A. 0.7 (B) 70 (C) 0.07 (D) 7.75 (E) 17
11. Evaluate $9.2 \div 10^3$
 - A. 92 (B) 0.092 (C) 0.0092 (D) 0.09 (E) 0.009
12. Change 24.5% into decimal
 - A. 0.24 (B) 0.0245 (C) 2.45 (D) 0.245 (E) 0.2245
13. A car travels at a speed of 30km/hr, how long will it takes the car to cover a distant of 75km?
 - A. 3hrs (B) 2hrs 40mins (C) 3hrs 30mins (D) 3hrs 45mins (E) 2hrs 30mins
14. A school of 450 students has enough stationary to last for 80 days. How long would the same stationary last a school of 720 students?
 - A. 50 days (B) 90 days (C) 100 days (D) 45 days (E) 40 days
15. 8 tubers of yam cost N120. 00. How many tubers of yam can I buy for N180.00 ?
 - A. 12 tubers (B) 10 tubers (C) 14 tubers (D) 24 tubers (E) 16 tubers
16. Find 12½% of the 1hr. 20mins
 - A. 30mins (B) 15mins (C) 10mins (D) 20mins (E) 25mins
17. Share the sum of N90 among X, Y and Z in the ration 7:5:3. How much does X receive?
 - A. N30.00 (B) N18.00 (C) N42.00 (D) N50.00 (E) N42.00
18. Find the time between 10.15am and 3.20pm
 - A. 5hrs 10mins (B) 6hrs 5mins (C) 5hrs 5mins (D) 4hrs 5mins (E) 5hrs 30mins
- 19.



A farmer planted maize, yams and beans as shown above in the pie chart. If the whole farm is $5400m^2$, what is the size of the maize?

- A. $1950m^2$ B. $2400m^2$ C. $1050m^2$ D. $160m^2$ E. $360m^2$