






SAMPLES OF COMMON ENTRANCE QUESTIONS

MATHEMATICS

1. Simplify $\frac{0.2 \times 0.01}{0.0002}$
 - a. 1
 - b. 2
 - c. 5
 - d. 10
 - e. 20
2. What is the difference between 100 and 99.999?
 - a. 0.01
 - b. 0.0001
 - c. 0.001
 - d. 1.000
 - e. 0.00001
3. How many times is 0.01 contained in 10?
 - a. 100
 - b. 1000
 - c. 200
 - d. 0.0001
 - e. 1000
4. Change 1 hour 1 minute 1 second to seconds
 - a. 3660
 - b. 3600
 - c. 3661
 - d. 3601
 - e. 3666
5. What is the place value of 3 in 44.736?
 - a. Ten
 - b. Hundredth
 - c. Tenth
 - d. Hundred
 - e. Thousand
6. Find the H.C.F of 96, 120 and 144.
 - a. 720
 - b. 144
 - c. 48
 - d. 42
 - e. 24
7. What is the sum -1 and 4?
 - a. 3
 - b. -3
 - c. -4
 - d. 5
 - e. -5
8. A line that divides a circle into two equal halves is called
 - a. chord
 - b. radius
 - c. diameter
 - d. circumference
 - e. arc
9. An angle on a straight line is equal to..... degree
 - a. 270
 - b. 369
 - c. 90
 - d. 180
 - e. 45
10. What is L.C.M of 2 and 4
 - a. 2
 - b. 4
 - c. 8
 - d. 12
 - e. 6

QUANTITATIVE REASONING

1. Pick the odd shape from the following

- A. 
- B. 
- C. 
- D. 
- E. 

SAMPLE:

5 R4 = 14

7 R3 = 17

10 R6 = 26

Use the above sample to answer Questions 2 and 3

2. 12 R5 = ?

- a. 17
- b. 7
- c. 60
- d. 11
- e. 29

3. ? R $1/5$ = 5

- a. $2^2/5$
- b. $1^2/5$
- c. $3^2/5$
- d. $2^1/5$
- e. $3^3/5$

Sample:

$8/3=14$

$3/2=7$

$7/8=23$

Use the sample above to answer questions 4-5

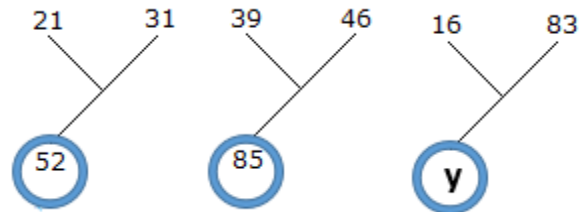
4. $5//1=$

- A. 6
- B. 7
- C. 8
- D. 9
- E. 10

5. $4//\square=10$

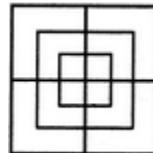
- A. $2^{1/2}$
- B. 7
- C. 8
- D. 6
- E. 3

6. The letter **y** in the sketches below can be replaced by



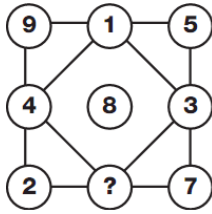
- A. 59
- B. 69
- C. 79
- D. 89
- E. 99

7. Count the number of squares in the given figure.

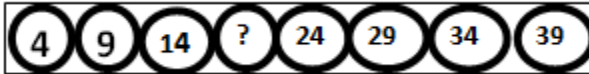


- A. 8
- B. 12
- C. 15
- D. 18
- E. 21

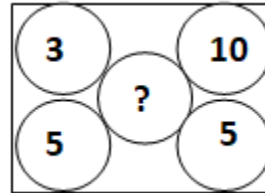
8. Study the numbers inside the circles.
What is the missing number?



- A. 3
B. 4
C. 5
D. 6
E. 7
9. What is the missing number in the pattern below?



- A. 12
B. 19
C. 8
D. 7
E. 6
10. Find the number that can be used to replace the (?) in the diagram below.



- A. 4
B. 5
C. 7
D. 9
E. 15

ENGLISH LANGUAGE

From the words or group of words lettered A-E, choose the one that is NEAREST IN MEANING to the word or group of words underlined in each sentence.

1. The sound in the forest frightened me
 - a. made me fear
 - b. tamed me
 - c. relieved me
 - d. made me sick
 - e. disturbed me
2. Building a modern house is very difficult
 - a. expensive
 - b. disturbing
 - c. unrealistic
 - d. hard
 - e. easy

INSTRUCTION: Complete each of the following questions with the most appropriate of the options lettered A-E.

3. Only a fool would prefer a car a good wife
 - a. over
 - b. than
 - c. to
 - d. for
 - e. above
4. All men are not fools, are they?
 - a. No, they are
 - b. No, they aren't
 - c. No, they isn't
 - d. No, they weren't
 - e. Yes, they aren't
5. Opera programme was interestingit?
 - a. Didn't
 - b. Doesn't
 - c. Wasn't
 - d. Was
 - e. Is
6. No plane coulduntil 12 mid-night
 - a. fly up
 - b. take of
 - c. take off
 - d. go off
 - e. left

VERBAL REASONING

Instructions: In each of the following words, pick out the word that does not belong to the group.

Example: A. train B. car C. lorry D. ship

The correct answer is ship

1. a. touch
b. taste
c. feel
d. stayed
2. a. leopard
b. wolf
c. whale
d. hyena

From Number 3-5, choose the odd one

3. _____

- a. Den
- b. Roof
- c. Burrow
- d. Nest

4. _____

- a. Flourish
- b. Renovate
- c. Blossom
- d. Thrive

5. _____

- a. Vapour
- b. Mist
- c. Hailstorm
- d. Fog

GENERAL PAPER

1. When was the last census conducted in Nigeria?
 - a. 1991
 - b. 1999
 - c. 2005
 - d. 2007
 - e. 2006
2. Joseph was sold by his brothers at
 - a. 10 shekels
 - b. 20 silver
 - c. 20 shekels
 - d. 30 gold
 - e. 25 silver
3. Who was the first king of Israel?
 - a. Solomon
 - b. David
 - c. Eli
 - d. Samuel
 - e. Saul
4. Which of these animals spread Lassa Fever?
 - a. Tsetse fly
 - b. Rat
 - c. Mosquito
 - d. Cockroach
 - e. Snakes
5. In Microsoft Word, the short cut “CTRL S” is to
 - a. paste
 - b. cut
 - c. sieve
 - d. underline
 - e. save
6. Who is the current Nigerian Minister of Petroleum Resources?
 - a. Timipre Sylva
 - b. Mohammadu Buhari
 - c. Ibrahim Gambari
 - d. Godknows Igali
 - e. Nyesom Wike
7. Who is the current Nigerian Minister of Information?
 - a. Lai Mohammed
 - b. Labaran Maku
 - c. Dora Akunyili
 - d. Mustapha Bello
 - e. Clement Agba
8. Nigerian Democracy Day is celebrated every
 - a. May 27th

- b. June 12th
 - c. October 1st
 - d. May 27th
 - e. January 15th
9. The short span of time which marks the beginning of sexual maturation is called
- a. puberty
 - b. maturity
 - c. adulthood
 - d. womanhood
 - e. manhood
10. The period which lies between the end of childhood and adulthood is called.....
- a. boyhood
 - b. adolescence
 - c. puberty
 - d. growth
 - e. girlhood