

# PAST QUESTIONS AND ANSWERS SAMPLE

This is a sample past questions and answers from [ISMYSCHOOL.NET](https://www.ismyschool.net).

The Sample only contains two pages:

- The first page will contain some of the past questions from a particular year from the school.
- The Second page will contain either some of the answers or all the answers for the particular year from which the sample questions was used.

If you want to get the full past questions and answers which contains more than 5 years (can be more than or less depending on the school); follow the instructions on the last page.

English Language – Day 2  
(25/07/13) Afternoon

**Instruction:** Read this passage carefully and answer the questions that follow.

Drama is a science that studies and captures the intricacies of human behavior. It demonstrates the hidden motivation of man's action, giving a systematic analysis of the social and psychological causes of conflicts. Its methods of inquiry, the playwright admits, involves observation, research and logical accumulation of data. Its aim is to paint a true picture of life. Its truth is discoverable in social reality and its statements are applicable to future research and to practical life.

Thus, drama aspires to unveil eternal, universal truths, to expose tender passions that knit mankind together. It holds a mirror up to life' and invariably achieves a noble level of objectivity which every science aspires to attain. Beyond these, drama is an eclectic science. It borrows and enriches its scope with rubrics of psychology, sociology and psychology. In fact, drama is not just a science but a higher science of human behavior in action.

1. An appropriate title for the passage could be:  
A. Drama aspires to unveil eternal truths  
B. Drama is a science  
C. Drama is eclectic  
D. Drama is discoverable in social reality
2. Which of the following is not implied in the passage  
A. Drama always unveils universal truths  
B. The aim of drama is to paint a true picture of life.  
C. Dramatic statements apply to practical life.  
D. Drama reveals social and psychological causes of conflicts.

3. Drama achieves a noble level of objectivity by:  
A. Reflecting reality as it is  
B. Using a mirror  
C. Being eclectic  
D. Being a higher science
4. Drama is "eclectic" because  
A. It borrows and enriches itself with other social sciences  
B. It is objective  
C. It is a higher science of behavior  
D. It employs scientific method of enquiry

In each of questions 5 to 8, choose the option nearest in meaning to the underlined word.

5. The ostensible reason for his dismissal was his refusal to move out of the Capital. However, there was more to it than that.  
A. overt B. open  
C. apparent D. visible E. plain
6. She has an obnoxious character  
A. overwhelming B. orderly  
C. unpleasant D. unbeatable
7. The most salient point of his message was mentioned.  
A. striking B. minor  
C. flimsy D. silent
8. Those were perilous times for the team  
A. tedious B. dangerous  
C. turbulent D. hilarious]

In each of question 9 to 12, choose the option that best completes the gap

9. Tony prefers Egusi ..... okro  
A. to B. for  
C. than D. with



**ESUT POST UTME 2013/2014**  
**ENGLISH LANGUAGE – DAY2**  
**(AFTERNOON SESSION) ANSWERS**

1. An appropriate title for the passage could be: /B/ - drama is a science.
2. Even though drama aspires to unveil eternal, universal truths, the passage however did not imply that drama always unveil universal truth.  
/A/
3. /A/ - reflecting reality as it is.
4. Drama is "eclectic" because it borrows and enriches itself with other social sciences.

Word	Nearest in meaning
5. Ostensible	C – apparent
6. Obnoxious	C – unpleasant
7. Salient	A – striking
8. Perilous	B – dangerous
9. Tony prefers Egusi to okro. /A/	
10. He is Jealous of my success. /C/	

11. She has animosity towards her husband. /C/
12. Nobody should defecate on this land.  
/B/
13. /A/  
Word opposite in meaning
14. Adamant/ reprisal  
C -unyielding about/retaliatory
- 15 Misconstrued  
A – misinterpreted
- 16 Hibernate  
D – sleep deeply
- 17 Invincible  
D – elusive

Word opposite in meaning	
18. Accelerate	B – retard
19. Flamboyant	A – austere
20. Remorse	D – unrepentant
21./D/ - precision.	
22./C/ - chapter	

## Mathematics – DAY 1 2014 Afternoon

**Instruction:** Choose the correct option from A to D if no option is correct, choose E.

1. Simplify  $\frac{3^2 \times 5^3 \times 2}{15^3 \times 4^3 \times 27}$

A.  $5\frac{2}{3}$       B. 30  
C. 50      D.  $4\frac{1}{3}$

2. A man invested N5,000 for 9 months at 4%. What is the simple interest?

- A. N220      B. N130  
C. N250      D. N150

3. Simplify  $\left(\frac{16}{81}\right)^{1/4} \div \left(\frac{9}{16}\right)^{-1/2}$

A.  $\frac{1}{2}$       B.  $\frac{2}{3}$       C.  $\frac{8}{9}$       D.  $\frac{1}{3}$

4. Given that  $-2x - 5y = 3$  and  $x + 3y = 0$ , what is  $x + y$  by solving simultaneously or otherwise?

- A. 3      B. -6      C. -9      D. 12

5. Find the equation whose roots are -8 and 5.

- A.  $x^2 + 13x + 40 = 0$   
B.  $x^2 - 13x - 40 = 0$   
C.  $x^2 + 3 - 40 = 0$   
D.  $x^2 - 3x - 40 = 0$

6. What is the size of each interior angle of a 12-sided regular polygon?

- A.  $30^\circ$       B.  $120^\circ$   
C.  $60^\circ$       D.  $150^\circ$

7. Find the sum of the first 18 items of the sequence 3, 6, 9 ..... 36

- A. 513      B. 505  
C. 433      D. 635

8. Solve the inequalities  $-6(x + 3) \leq 4(x - 2)$

- A.  $x \leq 2$       B.  $x \geq -1$   
C.  $x \geq -2$       D.  $x \leq -1$

9. A circle of perimeter 28cm is opened to form a square. What is the maximum possible area of the square?

- A.  $56\text{cm}^2$       B.  $98\text{cm}^2$   
C.  $49\text{cm}^2$       D.  $28\text{cm}^2$

10. The perpendicular bisector of a line XY is the locus of a point.

- A. Whose distance from X is always twice its distance from Y.  
B. Whose distance from Y is always twice its distance from X.  
C. Which moves on the line XY  
D. Which is equidistant from the points X and Y

11. If  $27^{x+2} + 9^{x+1} = 3^{2x}$ , find x

- A. 4      B. 3      C. 6      D. 5

12. Make n the subject of the formula

if  $w = \frac{v(2+cn)}{1-cn}$



**2014/2015 ESUT P-UTME, DAY 1**  
**MATHEMATICS (AFTERNOON SESSION)**  
**SOLUTIONS**

$$(1) \frac{3^2/3 \times 5^5 \times 2^2}{15^4 \times 4^2 \times 27} = \frac{11 \times 5^5 \times 2^2}{15^4 \times 4^2 \times 27} = \frac{110}{54} \times \frac{1,620}{66}$$

$$\Rightarrow \frac{110}{54} = \frac{1,620}{66} = \frac{55 \times 30}{33} = 50$$

/C/

$$(2) S.I = \frac{PRT}{100} = \frac{\text{N}5,000 \times 4 \times 2\frac{1}{2}}{100}$$

$$= \frac{\text{N}5,000 \times 3}{100} = \frac{15,000}{100} = \text{N}150$$

/D/

$$(3) \left(\frac{16}{81}\right)^{1/4} \div \left(\frac{9}{16}\right)^{-1/2}$$

$$\Rightarrow \sqrt[4]{\frac{16}{81}} \div \frac{1}{\sqrt{\frac{9}{16}}}$$

$$= \frac{2}{3} \div \frac{1}{3/4}$$

$$= \frac{2}{3} \times \frac{3}{4} = \frac{6}{12} = \frac{1}{2}$$

/A/

$$(4) \begin{aligned} -2x - 5y &= 3 \quad \text{--- (1)} \\ x + 3y &= 0 \quad \text{--- (2)} \end{aligned}$$

Multiply equation (1) by 1 and equation (2) by -2

$$\begin{aligned} -2x - 5y &= 3 \quad \text{--- (3)} \end{aligned}$$

$$-2x - 6y = 0 \quad \text{--- (4)}$$

Subtract equation (4) from (3)

$$\therefore y = 3$$

Substitute  $y=3$  in equation (2)

$$\begin{aligned} x + 3(3) &= 0 \\ x + 9 &= 0 \\ x &= -9 \end{aligned}$$

$$\therefore x + y = -9 + 3 = -6$$

/B/

(5) Use the formula:

$$x^2 - (\text{sum of given roots})x + (\text{product of given roots}) = 0$$

The roots are -8 and 5

$$\begin{aligned} \Rightarrow x^2 - (-8 + 5)x + (-8 \times 5) &= 0 \\ &= x^2 - (-3)x + (-40) = 0 \\ &= x^2 + 3x - 40 = 0 \end{aligned}$$

/C/

(6) /D/ (See 2014/2015 DAY 1 (MORNING), NO. 21 for details)

(7) /A/ (See 2014/2015 DAY 1 (Morning), No. 22 for details)

$$(8) \begin{aligned} -6(x + 3) &\leq 4(x - 2) \\ \Rightarrow -6x - 18 &\leq 4x - 8 \\ -6x - 4x &\leq -8 + 18 \\ -10x &\leq 10 \end{aligned}$$

# How To Get The Full Past Question And Answer For N1000

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**Account Number:** **0422509683**



**Bank:** First City Monument Bank (FCMB) (Nationwide)

**Account Name:** BENTENBLOG

**Account Number:** **4950590010**

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