

NATIONAL EXAMINATIONS COUNCIL (NECO), MINNA

2014 National Common Entrance Examination (NCEE)

PAPER I. TIME ALLOWED: 1 hour, 45 mins.


Part A: MATHEMATICS AND BASIC SCIENCE
Part B: QUANTITATIVE AND VOCATIONAL APTITUDE

INSTRUCTIONS TO CANDIDATES:

Do not open this booklet until you are told to do so. While you are waiting, read the following carefully.

- There are fifty questions in Mathematics and Basic Science paper for which you are allowed 65 minutes. There are fifty questions in Quantitative and Vocational Aptitude paper, for which you are allowed 40 minutes.
- Use HB pencil throughout.
- Check that the details printed on your answer sheet are correct.
 - In the space marked "Name" check that your name is printed correctly.
 - In the box marked "Examination Number", check that the digits of your examination number are correctly printed in the spaces on the left-hand side. There are numbered spaces in line with each of these digits. For each digit, the space with same number as the digit has been shaded. Reshade each of these shaded spaces.
 - In the box marked "Sex" check that the space marked "M" has been shaded if you are a male, or "F" if you are a female. Reshade the appropriate space.

An example is given below for a male candidate whose examination number is 413257AE.

- Answer each question by choosing one letter and shading it like this
[A] [B] [C] [D] 

- When you have chosen the answer which has the same letter as the letter of the answer you have chosen.

- Leave extra spaces blank if the answer spaces provided are more than you need.








- Do not make any marking(s) across the heavy black marks at the right edge of your answer sheet.



- Think carefully before you shade the answer spaces. Erase completely any answer you wish to change.

- Do not shade more than one answer space for a question (if you do, you will score zero for that question).

- When you are told to begin, answer the questions as quickly and carefully as you can. If you cannot answer a question, do not spend too much time on it, but try the next one.

- Do not ask any question(s) once the examination has started. The Supervisor is not allowed to explain any question(s) to you during the examination.

EXAMINATION NUMBER							
4	1	3	2	5	7	A	E
[0]	[0]	[0]	[0]	[0]	[0]	[A]	[A]
[1]		[1]	[1]	[1]	[1]	[B]	[B]
[2]	[2]	[2]		[2]	[2]	[C]	[C]
[3]	[3]		[3]	[3]	[3]	[D]	[D]
	[4]	[4]	[4]	[4]	[4]	[E]	
[5]	[5]	[5]	[5]		[5]	[F]	[F]
[6]	[6]	[6]	[6]	[6]	[6]	[G]	[G]
[7]	[7]	[7]	[7]	[7]		[H]	[H]
[8]	[8]	[8]	[8]	[8]	[8]	[I]	[I]
[9]	[9]	[9]	[9]	[9]	[9]	[J]	[J]

SEX	
Indicate your sex by shading M (Male)	
F (Female)	

11. Which is the smallest of these fractions?

$\frac{2}{5}$, $\frac{1}{2}$, $\frac{1}{3}$, $\frac{3}{4}$ and $\frac{2}{3}$

- A. $\frac{3}{4}$
 - B. $\frac{2}{3}$
 - C. $\frac{1}{2}$
 - D. $\frac{2}{5}$
 - E. $\frac{1}{3}$
12. A three - sided plane figure is called
- A. decagon.
 - B. octagon.
 - C. pentagon.
 - D. rectangle.
 - E. triangle.
13. Find the value of x if $2(3x + 3) = 18$.

- A. 2
- B. 5
- C. 7
- D. 9
- E. 11

14. Find the H.C.F. of 15, 18 and 24.

- A. 3
- B. 6
- C. 30
- D. 45
- E. 120

15. What is the smallest number that can be divided exactly by 2 and 3?

- A. 5
- B. 6
- C. 7
- D. 8
- E. 9

16. Ochuko bought 3 bags of rice at the rate of ₦12,000.00 per bag. How much did he pay for the 3 bags?

- A. ₦24,000.00
- B. ₦26,000.00
- C. ₦32,000.00
- D. ₦36,000.00
- E. ₦40,000.00

17. Multiply 6204 by 0.0031.

- A. 19.23
- B. 19.53
- C. 190.23
- D. 191.23
- E. 192.32

18. What must be divided by 9 to obtain 32?

- A. 24
- B. 72
- C. 144
- D. 288
- E. 576

**For the remaining part of the package,
contact: Tests Administrator, ASSURE
Educational Services, Lagos –
07063397940, 08050701465**

**ASSURE Educational Services will conduct
online mock tests for students preparing
for the 2015 National Common Entrance
Examination, to ascertain their level of
preparedness for the examination.**

**Pupils can review their performance in
each of the questions attempted, see
correct answers and detail solutions**

**Registration is in progress. To register,
contact: The Tests Administrator, ASSURE
Educational Services, Lagos –**