The Ambassadors College, Ota

GRADE 9 (HONOURS)

First Term

Mid–Term Holiday Assignment

HOLIDAY ASSIGNMENT

2026/2027 Academic Session

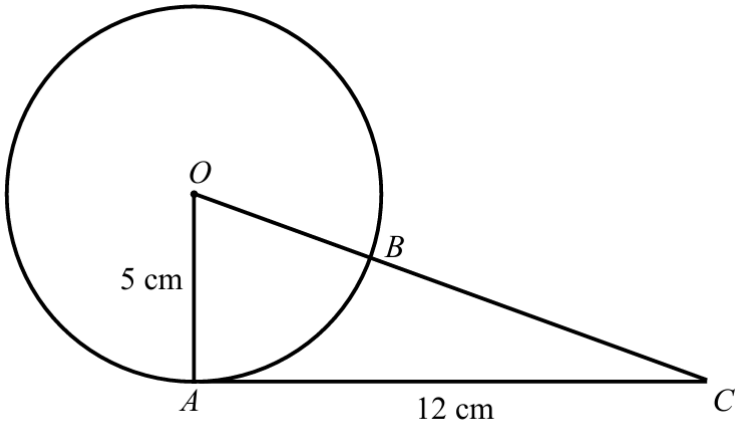
Name: _____

MATHEMATICS

1. Here are the first 5 terms of a sequence.

25 22 19 16 13

Find an expression, in terms of n, for the nth term of this sequence.

2. 

A and B are points on the circumference of a circle, centre O.
AC is a tangent to the circle.
OBC is a straight line.

$OA = 5$ cm
$AC = 12$ cm

Find the length of BC.
You must show all your working.

BASIC SCIENCE

BIOLOGY

1. Draw a diagram showing the complete divisions of Kingdom Plantae.
2. In a tabular form, give 5 differences between monocotyledons and dictyledons.

CHEMISTRY

CAMBRIDGE SCIENCE WORKBOOK 9

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PHYSICS

1. A ball is dropped off from a tall building.
   A. What is its velocity after 2 seconds?
   B. How far does it reach in 2 seconds?
   C. If the building is 25m, what will be its velocity as it just impacts the ground?
2. A stone is thrown up with a velocity of 30m/s.
   A. How far will the stone reach?
   B. How long does it take for the stone to reach the maximum height?
   C. How long does it take for the stone to return?

BASIC TECHNOLOGY

1. Draw a plan of two bedroom flat with necessary accessories in it.
2. Draw the orthographic projection of the last Oblique and Isometric you drew in your notebook.

BUSINESS STUDIES

1. a. Explain the term division of labour and specoalisation.
   b. State any three advantages and two disadvantages of division of labour.

NATIONAL VALUE EDUCATION

HARMFUL TRADITIONAL PRACTICES

Answer all questions in your notebook. Write neatly and support your answers with relevant examples from Nigerian society.

Section A:

Harmful Traditional Practices

1. What are harmful traditional practices?
2. Mention five examples of harmful traditional practices in Nigeria.
3. Explain five causes of harmful traditional practices in society.
4. Describe five effects of harmful traditional practices on individuals and society.
5. Explain the following harmful traditional practices:
   a. Female genital mutilation (FGM)
   b. Child marriage
   c. Widowhood practices
   d. Tribal marks
   e. Forced marriage

Section B:

1. Explain four roles of the government in preventing harmful traditional practices.
2. Explain four roles of schools, religious institutions, and community leaders in discouraging harmful traditional practices.

Section C:

Research and Critical Thinking

1. Choose one harmful traditional practice in Nigeria and write a short essay on it under the following headings:
   i. Meaning of the practice
   ii. Reasons it is practised
   iii. Effects on victims
   iv. Efforts being made to stop it
   v. Your recommendations for ending the practice
2. Imagine that you are a community youth leader. Write five practical steps you would take to educate members of your community about the dangers of harmful traditional practices.