

# *The Ambassadors College, Ota*

**GRADE 7**

**Second Term Holiday Assignment**

**HOLIDAY ASSIGNMENT**

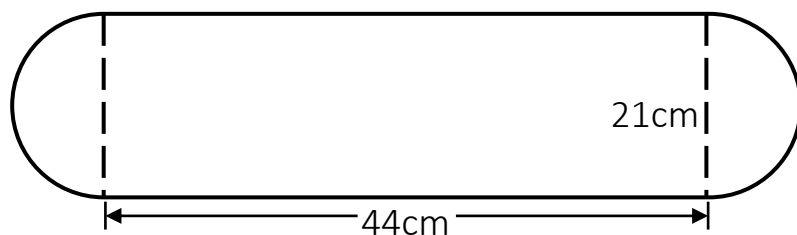
**2024/2025 Academic Session**

**Name:** \_\_\_\_\_

## MATHEMATICS

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1. A concrete beam is 40m long. Its end face is a rectangle 50cm by 30cm.
  - i. Calculate the volume of the beam.
  - ii. Find the mass of the beam if  $1\text{m}^3$  of concrete has a mass of 4.5tonnes
2. Find the perimeter and Area of the shape below. (Use the value of  $\pi = \frac{22}{7}$ )



3. What are the differences between a square and a rectangle?

## ENGLISH LANGUAGE

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Carefully read and understand the instructions given, then attempt the following questions inside your Cambridge Lower Secondary English Workbook 7; pages 61 - 63; Chapter 5.1 - Unusual schools; Focus 1 and Practice 2. Chapter 5.2 - School Uniform; Focus 1 and Practice 2.

## BASIC SCIENCE

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1. State 4 human activities that affect environmental balance.
2. State 3 importance of water conservation.

## **BASIC TECHNOLOGY**

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1. Mention 4 care of metal work hand tools.
2. State 4 types of building according to uses.
3. (a) What is site preparation?  
(b) What is setting out?

## **BUSINESS STUDIES**

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1. Draw a big and well labelled typewriter in an A4 (typing paper)
2. State three ways to take care of typewriter.

## **NATIONAL VALUE EDUCATION**

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1. Define National unity.
2. State 4 importance of national unity.

## **COMPUTER STUDIES**

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1. a. Define computer software  
b. Mention the two types of computer software
2. a. Mention 5 early counting development devices  
b. List four problems associated with the early counting devices.

## PHYSICAL & HEALTH EDUCATION

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1. a. Define Food.  
b. List the classes of food and give two examples each of the classes.
2. List 5 importance of food.

## HOME ECONOMICS

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Make one of the following crafts with any material of your choice:

1. a throw pillow / duvet
2. a fruit basket
3. a flowery table cover

## AGRICULTURAL SCIENCE

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1. Briefly state the uses of the following machinery on the farm:
  - i. Sheller
  - ii. Plough
  - iii. Dryer
  - iv. Harrow
  - v. Ridger