

**NEW CREATION COLLEGE  
HOLIDAY ASSIGNMENT  
JSS 3**

**MATHEMATICS**

1. How many litres does a cylindrical can 14cm in diameter and 20cm high contain? If 1 litre is 1000 cubiccm. Use 3.142 for  $\pi$
2. There are 7 red balls, 8 white balls and 5 blue balls in a box. I pick a ball at random from the box. Find the probability that the ball is:  
(a) White      (b) Red      (c) Blue or Red  
(d) Neither red nor white      (e) Green.

**ENGLISH LANGUAGE**

Your brother in 300 level in the university wrote a letter to you as a confidant to inform you of his plans to drop out of school for him to delve into business. Write a reply to him stating reasons he shouldn't take such a decision.

**BASIC SCIENCE**

1. Explain the following
  - a. Acid
  - b. Base
  - c. Salt
2. State three characteristics of acid
3. State four properties of an acid

**P.H.E**

1. Mention two official in Tennis game
2. Mention 5 events in pentathlon
3. Mention 5 events in Decathlon

**PREVOCATIONAL STUDIES**

1. Who is a vegetarian
2. State and explain 5types of vegetarian

**DIGITAL TECHNOLOGY**

Question 1

- a. What is the full meaning of BASIC?
- b. State 2 BASIC characters

c. State 2 BASIC statements

Question 2

a. State and explain different number bases

b. Convert the following binary numbers into decimal (a) 11100 (b) 10001

c. Evaluate the following:

i.  $1110+110$  base 2 ii.  $111001-10011$  base 2

### **C.R.S**

1. Explain the meaning of the Church and describe the different types of Church governance.

2. Discuss the roles of the Holy Spirit in the life of believers.

3. Narrate the story of the early Church and highlight the challenges faced by the apostles.

4. Explain the concept of Christian unity and state ways it can be achieved in Nigeria.

5. Discuss the importance of spiritual gifts and how they are used in the Church today.

### **BUSINESS STUDIES**

1) Explain the term ' Business Letter ' .

2) List seven examples of expenses

3) Briefly explain the following: (i) Trading Account (ii) Profit & loss Account (iii) Balance Sheet

4) Mention Four Non - governmental Consumer Protection Agencies.