

AHMES SECONDARY SCHOOL

FORM ONE HOLIDAY PACKAGE DECEMBER 2021

1. Give the meaning of the following terms:
 - a. Nutrition
 - b. Health
 - c. Balance diet
 - d. Malnutrition
2. Explain the functions of the following parts of a compound microscope: mirror, iris diaphragm, eyepiece lens, objective lens and focusing knob.
3. Identify different types of food substances and outline functions of each type of food substances identified.
4. What is the meaning of the following terms?
 - a. Balance diet
 - b. Immunity
5. Explain the causes, symptoms, effects and control measures of the following diseases and disorders; a) Marasmus b) Kwashiorkor c) Rickets d) Obesity e) Anorexia nervosa
6. Draw a labelled diagram of plant cell as seen under light microscope and state one function of part.
7. Outline the importance of the members of kingdom Monera.
8. Explain why people classify living organisms.
9. Compare the human digestive system with that of ruminants.
10. Write an essay on malaria, cholera and tuberculosis basing on the following guidelines;
 - a) cause
 - b) signs and symptoms
 - c) transmission
 - d) preventive measures (at least **five** points in each)
11. Give the meaning of the following terms; Photosynthesis, microelement and Macroelement
12. a) Write a balanced symbol equation for photosynthesis
b) State the requirements for photosynthesis and state the role played by each
13. State the function of the following components of First aid kit; cotton wool, liniment, safety pins, soap, bandages.
14. Outline the importance of photosynthesis in life on Earth.
15. Explain the principles involved in maintaining personal hygiene.