

BA SANGAM COLLEGE

YEAR 13

AGRICULTURAL SCIENCE

WORKSHEET 4

Multiple Choice Questions

- 1). Nutrients that are required by plants in relatively large amounts are known as:
 - A. Micro-nutrients
 - B. Macro-nutrients
 - C. Mobile nutrients
 - D. Immobile nutrients

- 2). A thin film of water is tightly held by the soil particles and is not available to plants.
 - A. Available water
 - B. Gravitational water
 - C. Adhesion water
 - D. Cohesion water

- 3). The movement of piston from T.D.C to B.T.C is known as
 - A. Compression stroke
 - B. Induction stroke
 - C. Power stroke
 - D. Exhaust stroke

- 4). A balance sheet is an important business document that shows
 - A. The days income record
 - B. The net profit of the business
 - C. The yearly cash transactions
 - D. The days gross income record

- 5). The budget which is constructed to estimate the entire farm expenditure and income over the financial year is known as
 - A. Balance sheet
 - B. Partial budget
 - C. Whole farm budget
 - D. Complete farm budget

- 6). The best sustainable method to control cluster caterpillar in the school organic container garden of Chinese Cabbage is
- A. Control the crop spacing.
 - B. Use recommended pesticides.
 - C. Burn and bury crop residues before planting.
 - D. Plant lemon grass around the container garden.

Short Answers Questions

QUESTION 1

- (a) Explain **one** reason why Fiji imports are more.
- (b) Explain the following terms:
- (i) Connecting rod
 - (ii) Piston

QUESTION 2

- (a) A farmer purchased a cane truck for \$50000 with a life span of 15 years and salvage value of \$2000. Calculate the depreciation value using straight line method.
- (b) Describe **one** cause of depreciation of assets on a farm.

QUESTION 3

- (a) Differentiate between **macro** and **micro** nutrients.
- (b) Briefly explain **two** functions of **Nitrogen** to the plants.

QUESTION 4

- (a) Differentiate between **soil fertility** and **soil productivity**.
- (b) Write down **two** importance of sampling soil.
- (c) Briefly describe one symptoms if the micro nutrient **Boron** is deficient in plants.