

**Name:**

## **Agricultural Science**

### **End of unit Test – Soil Science**

**Directions:** Answer all 70 questions with one of the **four** suggested answers, lettered (A), (B), (C) and (D). Read each question carefully, decide which choice best, and circle it. There is only one correct answer to each question.

**51) Green manures are composed of**

- (A) animal waste
- (B) Commercial fertilizers
- (C) lime
- (D) plant parts

**52) The application of lime to the soil would**

- (A) decrease bacterial activity
- (B) decreased the pH
- (C) improve tilth
- (D) increase toxic substance

**53) Lime is lost from a soil by**

- (A) Crop removal
- (B) drainage
- (C) irrigation
- (D) ploughing

**57) Which of the following factors prevents soil erosion?**

- (A) Grazing cattle on steep hills
- (B) planting grass on steep hills
- (C) planting row crops up and down steep hill
- (D) ploughing on steep hills

**58) Erosion is the process by which**

- (A) Soil fertility
- (B) Soil is lost
- (C) water is absorbed by the plant
- (D) water is translocated within the plant

**59) In the Caribbean, which of the following agents does not cause erosion?**

- (A) Animals
- (B) Glaciers
- (C) Water
- (D) Wind

**60) Which of the following is not a of erosion**

- (A) Gully
- (B) Rill
- (C) Sheet
- (D) Steep

**61) Which of the following types of water erosion is prevented by tillage operations?**

- (A) Gully
- (B) Rill
- (C) Sheet
- (D) All of the above

**62) Run-off water will occur if the soil**

- (A) is compacted
- (B) is covered with vegetation
- (C) has a high pH
- (D) is fertile

**63) The movement of water through soil particles is termed**

- (A) absorption
- (B) evaporation
- (C) percolation
- (D) transpiration

**64) Plants wilt due to lack of**

- (A) air
- (B) minerals
- (C) soil
- (D) water

**67) The most common type of terrace used in the Caribbean is called the**

- A) bench terrace
- (B) channel terrace
- (C) gardoni terrace
- (D) ridge terrace

**68) Field capacity is referred to as the**

- A) ability of the plant to produce
- (B) ability of the soil to retain water
- (C) soil compaction
- (D) soil fertility

**69) Waterlogging in the field is caused by**

- A) poor fertility
- (B) soil compaction
- (C) steep slopes
- (D) too much rain

**70) Crops grown on eroded soils**

- A) produce healthy roots
- (B) show signs of disease
- (C) show signs of healthy growth
- (D) show signs of nutrient deficiency

**End of Test**