

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

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