

DEWAN ABDUL GANICOLLEGE
Examination on Add-On Course
Session-2022-23

Sustainable Development in Agriculture
Course code- CC-05- GEO-SDA

Full Marks -50

Time – 1 Hours

Every question is compulsory to attempt, each question carry 2 marks.

Question 01. Which is not an element of sustainable agriculture?

- (a). Agroforestry.
- (b). Crop rotation.
- (c). Permaculture.
- (d). Permanent use of pesticides in farming.

Question 02. Which is not an objective of sustainable agriculture?

- (a). Maintaining a healthy environment.
- (b). Economic profitability.
- (c). Higher crop production.
- (d). Social and economic equity.

Question 03. Consider about the minimum tillage

1. The concept of minimum tillage originated from USA.
2. It is aimed at reducing tillage to the minimum necessary for favourable growing conditions.
3. Seed germination is lower in minimum tillage.
4. Sowing operations are easy with ordinary equipment.

- (a). Only 1 and 2 are true.
- (b). Only 2 and 3 are true.
- (c). Only 1, 2 and 3 are true.
- (d). All are true.

Question 04. Which is a renewable source of energy?

- (a). Wind power.
- (b). Petroleum.
- (c). Forest.
- (d). All of the above

Question 05. Which is a non-renewable source of energy?

- (a). Forest.
- (b). Coal.
- (c). Petroleum.
- (d). All of the above.

Question 06. What is the full form of CEA?

- (a). Controlled Environment Agriculture.
- (b). Controlled Enforcement Agriculture.
- (c). Conservation Environmental Agriculture.
- (d). None of the above.

Question 07. Which is a cover crop?

- (a). Maize.
- (b). Cowpea.
- (c). Red gram.
- (d). All of the above.

Question 08. Where is the Institute of Organic Farming (NIOF) located?

- (a). Udaipur.
- (b). Ghaziabad.
- (c). Indore.
- (d). Hyderabad.

Question 09. Which one of the following is not prohibited in organic farming?

- (a). Synthetic fertilizers.
- (b). Plant growth regulators.
- (c). Stress on long term soil management.
- (d). None of the above.

Question 10. In India community development programme was started in

- a. October 2, 1953
- b. October 2, 1952
- c. October 2, 1954
- d. October 2, 1955

Question 11. Which one of the following is not allowed in organic farming?

- (a). Basic slag.
- (b). Muriate of potash.
- (c). Both a and b.
- (d). None of the above.

Question 12. National mission for sustainable agriculture consists of which of the following Sub-mission

- a. Animal Husbandry
- b. Health Management
- c. Cooperative Agriculture
- d. Soil Health Management

Question 13. Which is the best method of detoxification and disposal of non-metallic toxicants?

- (a). Chemical detoxification and disposal methods.
- (b). Physical detoxification and disposal methods.
- (c). Biological detoxification and disposal methods.
- (d). None of the above.

Question 14. What is a biorational pesticides?

- (a). A broad-spectrum pesticide.
- (b). Non-specific pesticide.
- (c). Any type of insecticide active against pest populations, but relatively innocuous to non-target

organisms.

(d). None of the above.

Question 15. The three basic principles of organic agriculture are as follows:

- a. Ecologically sound.
- b. Economically feasible.
- c. Socially acceptable.
- d. None of above

Question 16. Which is the safe pesticide used in vegetable crops?

- (a). Malathion.
- (b). Chlorpyrifos.
- (c). Metasystox.
- (d). Indosulfan.

Question 17. What is the objective of mix farming?

- (a). Subsistence.
- (b). High income.
- (c). Higher production.
- (d). None of the above.

Question 18. How would you manage nutrient in river bed cultivation?

- (a). Use of chemical fertilizers.
- (b). Use of farm yard manure.
- (c). Use of vermicompost.
- (d). No need to add extra input

Question 19. Which is the most hazardous fertilizer?

- (a). Ammonium sulphate.
- (b). Ammonium phosphate.
- (c). Anhydrous ammonia.
- (d). Urea.

Question 20. Which fertilizer got fixed in soil?

- (a). Phosphorus.
- (b). Nitrogen.
- (c). Potash.
- (d). All of the above.

Question 21. What is PSB?

- (a). Potash Solubilizing Bacteria.
- (b). Phosphorus Solubilizing Bacteria.
- (c). Both a and b.
- (d). None of the above.

Question 22. Which one of the following is not included in "Four Rs" of nutrient management?

- (a). Right amount of nutrient.
- (b). Right placement fertilizer.

- (c). Right source of nutrient.
- (d). Right place of application.

Question 23. Which water erosion is known as death of farmers?

- (a). Splash erosion.
- (b). Rill erosion.
- (c). Sheet erosion.
- (d). None of the above.

Question 24. Which is not a necessary component of integrated farming system?

- (a). Poultry.
- (b). Livestock.
- (c). Crop.
- (d). Farm machineries such as tractor, harvester, and thrasher.

Question 25. Which is the most efficient method of irrigation?

- (a). Sprinkler irrigation system.
- (b). Drip irrigation system.
- (c). Flood irrigation system.
- (d). None of the above.