

CONCEPT APPLICATION LEVEL - III

SECTION - A

• MULTIPLE CHOICE QUESTIONS (ONE CORRECT ANSWER)

- Q.1 Watering the crops is called:
(A) sowing (B) manuring (C) tilling (D) irrigation.
- Q.2 Weeds are the:
(A) main crop plants (B) insects and pests
(C) unwanted plants growing along the crop (D) chemical substances.
- Q.3 Combines are used for:
(A) sowing of seeds (B) harvesting the crops
(C) threshing (D) harvesting and threshing both.
- Q.4 Separating grains from chaff is called:
(A) winnowing (B) threshing (C) fallow (D) harvesting.
- Q.5 Weedicides are used to destroy:
(A) insects (B) weeds (C) pests (D) none of these.
- Q.6 Kharif crops are sown in
(A) March, April (B) May, June
(C) October, November (D) Any time.
- Q.7 Wheat and gram belong to
(A) Rabi crops (B) Kharif crops (C) Both of these (D) None of these.
- Q.8 Examples of kharif crops are
(A) Wheat and maize (B) Gram and maize (C) Paddy and maize (D) All of these.
- Q.9 2,4-D is a
(A) Pesticides (B) Insecticides (C) Fungicides (D) Weedicides.
- Q.10 Seed drill is used to
(A) sow the seeds (B) remove the weeds (C) remove the pest (D) mix manure in the soil.

SECTION - B

• Assertion & Reason

Instructions: In the following questions as Assertion (A) is given followed by a Reason (R). Mark your responses from the following options.

- (A) Both Assertion and Reason are true and Reason is the correct explanation of 'Assertion'
(B) Both Assertion and Reason are true and Reason is not the correct explanation of 'Assertion'
(C) Assertion is true but Reason is false
(D) Assertion is false but Reason is true

- Q.1 **Assertion :** A fertilizers provides a lot of organic matter like humus to the soil.
Reason : They are very rich in plant nutrients like NPK.
- Q.2 **Assertion :** Crop improvement can be done by breeding new varities of crops having higher yields.
Reason : The main aim of plant breeding is to produce new crops superior to existing ones.
- Q.3 **Assertion :** Earthworm are called a farmer’s friends.
Reason : The burrowing action of earthworms helps to loosen the soil particles.
- Q.4 **Assertion :** Manures are organic nutrients where as fertilisers are inorganic nutrients.
Reason : Plant take nitrogen from the soil in the form of nitrate.

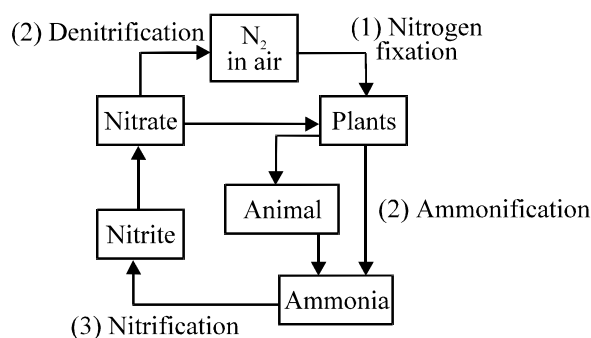
SECTION - C

- **Match the following (one to one)**
Column-I and **column-II** contains **four** entries each. Entries of column-I are to be matched with some entries of column-II. Only One entries of column-I may have the matching with the some entries of column-II and one entry of column-II Only one matching with entries of column-I

- Q.1
- | Column I | Column II |
|-----------------|------------------|
| (A) 2, 4 - D | (P) Fungicide |
| (B) NPK | (Q) Rodentide |
| (C) Mice | (R) Weedicide |
| (D) Rust | (S) Fertiliser |

SECTION - D

- **Comprehension**
 Following flow chart is of nitrogen cycle that is an important biogeochemical cycle. Read it carefully & answers following questions.



- Q.1 The sequence of Nitrogen cycle is :
- | | |
|--|--------------------------------------|
| (A) Plant, Ammonia, Nitrate, Nitrite | (B) Plant, Animal, Ammonia, Nitrite |
| (C) Ammonia, Animal, Nitrite, Nitrate, | (D) Nitrite, Nitrate, Ammonia, Plant |
- Q.2 Nitrogen is a part of:
- | | | | |
|------------------|-------------|---------|----------|
| (A) Carbohydrate | (B) Protein | (C) Fat | (D) None |
|------------------|-------------|---------|----------|

- Q.3 Nitrogen from plant move to animal through :
(A) Air (B) Water (C) Soil (D) Food.

SECTION - E

- **Match the following (one to many)**

Column-I and **column-II** contains **four** entries each. Entries of column-I are to be matched with some entries of column-II. One or more than one entries of column-I may have the matching with the some entries of column-II and one entry of column-II may have one or more than one matching with entries of column-I

- Q.1
- | Column I | Column II |
|-----------------|--------------------------------------|
| (A) Moat | (P) Traditional method of irrigation |
| (B) Sprinkler | (Q) Lever System |
| (C) Rahat | (R) Modern method of irrigation. |
| (D) Drip system | (S) Pulley system. |