

CBSE Question Paper - 2010

AGRICULTURE

Class – XII

Time allowed: 3 hours

Maximum Marks: 70

1. Mention five major classes of field crops of India with one crop as example from each group. Also give one important characteristic of each group.

5+5

2. (a) Match the following :

5

- | | |
|------------------|-------------------|
| (i) Azolla | (1) Fungicide |
| (ii) Boron | (2) Biofertilizer |
| (iii) 2,4-D | (3) Insecticide |
| (iv) Endosulphan | (4) Micronutrient |
| (v) Thiram | (5) Herbicide |

- (b) What do you understand by the following? Explain in brief.

5

Other Educational Websites:

ICSEGuess.com | NIOSGuess.com | IGNOUGuess.com | IITGuess.com | MagicSense.com | AIPMTGuess.com | AIEEEGuess.com | IndiaGuess.com

- (i) Soil fertility
- (ii) Natural resources
- (iii) Puddling
- (iv) Interculturing
- (v) Minimum tillage

3. Fill in the blanks :

10

- (i) Soluble sodium percentage in sodic soils is > _____ %.
- (ii) Crop's over growth is called _____.
- (iii) Acidic soils are amended by _____.
- (iv) Late Blight is a disease of _____.
- (v) Rhizobium is a _____.
- (vi) Rice takes up nitrogen mostly in the form of _____ ion.
- (vii) Atmospheric air contains _____ % nitrogen.
- (viii) C/N ratio of normal soil is 10 : 1 to 12 : _____.
- (ix) Arrangement of soil particles is called soil _____.
- (x) Ergot is disease of _____.

4. Give the following information on the two crops, Pigeon – pea and wheat :

2×5

Pigeon -pea

- (i) Family name
- (ii) Botanical Name
- (iii) Seed rate/ha.

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- (iv) Nutrient (N, P_2O_5) needs
- (v) Name one major insect

Wheat

- (i) Family name
 - (ii) Botanical name
 - (iii) Seed rate/ha.
 - (iv) Most critical stage for irrigation
 - (v) Name two varieties of Green Revolution
5. Describe in brief five factors to be considered while laying out a fruit or a vegetable Nursery. 10
6. Fill in the blanks 10
- (i) _____ is a plant growth promoting substance.
 - (ii) Ideal pH of juice extract of fruits for jelly preparation is _____.
 - (iii) _____ is the botanical name of mango.
 - (iv) Hybrid polynthas are also called _____.
 - (v) _____ Mandarin is widely grown in North – East provinces of India.
 - (vi) Allahabad Safeda is a variety of _____.
 - (vii) Lye peeling is related to fruit _____.
 - (viii) Banana belongs to family _____.
 - (ix) Lemon and lime are commonly propagated by _____ budding.
 - (x) The science of production of vegetables is called _____.

7. Give the specific information asked for, for the following two crops :

2×5

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Potato

- (i) Family name
- (ii) Botanical name
- (iii) An important variety
- (iv) Method of propagation
- (v) Breaking dormancy of seed potato

Gladiolus

- (i) Place of origin
- (ii) Family name
- (iii) Processing of flowers and spikes for market
- (iv) An improved variety
- (v) Method of propagation

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