

Sample Question Paper
Agriculture (Theory)
Class XII

Time : 3 hours

M. M : 70

General Instructions :

- (i) All questions are compulsory.
- (ii) Marks for questions are indicated against each of them.

Q.1 (A) Define commercialisation of agriculture. Give its two objectives. Name two major commercial crops of India.

1+2+2=5

(B) Write five major soil groups of India. Give two major characteristics of alluvial soils.

3+2=5

Q.2 Write brief notes on the following :

2x5=10

- (i) Soil tilth
- (ii) Black cotton soils
- (iii) Two green manuring crops.
- (iv) Cultural methods of weed control.
- (v) Raising fertilizer use efficiency.

Q.3 (A) Fill in the blanks:

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- (a) Scientific name of berseem is _____.
- (b) Cyperus rotundus is propagated through _____.
- (c) Zinc deficient soils in North India normally needs application of _____ to _____ kg/ha of Zinc-Sulphate.
- (d) Percent content of P_2O_5 in single super phosphate is _____.
- (e) Place of origin of wheat is _____.

Q.3 (B) Differentiate between the following :

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- (a) Cereals and Legumes
- (b) Soil texture and soil structure
- (c) Flood irrigation & Furrow irrigation.
- (d) Drilling of seeds & dibbling of seeds.
- (e) Transplanted rice and direct seeded rice.

Q.4 Describe the cultivation of rice and groundnut crop under the following heads:

2x5

- (i) Scientific name.
- (ii) Place of origin.
- (iii) Seed rate per hectare.
- (iv) Processing of the produce for the market.
- (v) One major insect and one major disease.

Q.5 (A) Match the following:

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Crops	Propagated by
(i) Gladiolus	(i) Seed
(ii) Banana	(ii) Corm
(iii) Roses	(iii) Suckers
(iv) Merigold	(iv) Budding
(v) Cannas	(v) Rhizomes

Q.5 (B) Differentiate between the following:

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- (i) Trees and Shrubs
- (ii) Annuals and Perennials
- (iii) Cutting and Layering methods of Propagation
- (iv) Training and Pruning
- (v) Hedges and Edges

Q.6 Describe the cultivation practices of cauliflower and gladiolus on the following points:

2x5

- (i) Scientific name
- (ii) Seed rate per hectare
- (iii) Processing for the market
- (iv) Manuring Schedule
- (v) Name of one major insect and one major disease.

Q. 7. Describe the cultivation of Mango and Guava on the following points.

2x5

- (i) Scientific name.
- (ii) Two major propagation methods.
- (iii) Two important commercial varieties.
- (iv) One major insect and one major disease.
- (v) Manuring schedule for bearing plant/tree.