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BAM-001

**DIPLOMA IN AGRICULTURAL
COST MANAGEMENT (DACM)**

Term-End Examination

June, 2026

BAM-001 : BASICS OF AGRICULTURE

Time : 3 Hours

Maximum Marks : 100

Note : (i) *Attempt any **five** questions.*

(ii) *All questions carry equal marks.*

1. What are the onsite (*in-situ*) and offsite (*ex-situ*) effects of soil erosion ? Discuss the factors affecting soil erosion in detail. 20
2. Discuss the various methods of irrigation along with their advantages and disadvantages. 20

3. Write down the cultivation of Chickpea under the following heads : 5×4=20

- (a) Varieties
- (b) Seed rate, spacing and depth of sowing
- (c) Time of sowing
- (d) Nutrient management
- (e) Water management

4. What do you mean by soil fertility ? Explain its components. Discuss the causes of decline in soil fertility. 20

5. What are the causes of pest outbreak in crops ? Explain the Integrated Pest Management practices in rice crop. 20

6. Discuss the principles, advantages and disadvantages of crop rotation. 20

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7. Write in detail about the prospects of agri business in mushroom cultivation, apiculture and sericulture in India. 20
8. Write short notes on the following : 5×4=20
- (a) Cropping system
 - (b) Planting system for establishing fruit orchards
 - (c) Farming system
 - (d) Relevance of vegetables in agro-industries
 - (e) Monoculture

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