No. of Printed Pages : 2

# BAM–001

## DIPLOMA IN AGRICULTURAL COST MANAGEMENT (DACM)

## Term-End Examination

## December, 2024

### BAM–001 : BASICS OF AGRICULTURE

*Time : 3 Hours* *Maximum Marks : 100*

***Note :*** *Attempt any* ***five*** *questions. All questions carry equal marks.*

1. Discuss the significance of agriculture during the Prehistoric Era. Critically analyze the impact of land reforms and the green revolution on Indian Agriculture in post-independence. 20

2. Assess the role of the following components in modern agricultural practices : 5×4=20

   (a) Chemical fertilizers

   (b) Quality seeds

   (c) Irrigation

   (d) Prices



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3. Provide a detailed explanation of agronomical and mechanical measures employed for soil and water conservation. 20

4. Discuss the various irrigation methods, highlighting their advantages and disadvantages. 20

5. Define pest epidemics. Explain the factors contributing to pest epidemics. Which are the crops affected by rust diseases ? 20

6. Elaborate on the climatic and soil requirements for rice (paddy), its cropping system, major pests and diseases, and the cultivation of management practices associated with rice farming. 20

7. Define aquaculture and provide a comprehensive explanation of freshwater aquaculture and brackish water aquaculture. 20

8. Identify the different types of mushrooms cultivated in India and discuss the potential of mushroom cultivation as a viable agribusiness opportunity. 20

× × × × × × ×



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