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Dr. D. Y. Patil Institute of Management & Entrepreneur Development
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Total No. of Questions : 5]

PE-5865

SEAT No. :

[Total No. of Pages : 2

[6551]-865

M.B.A.

ABM 617 MJ - Current Trends in Agriculture

(2024 Pattern) (Semester - III)

Time : 2½ Hours] *[Max. Marks : 50*

Instructions to the candidates :

1) *All questions are compulsory.*
2) *Figures to the right indicate full marks.*

Q1) **Answer the following questions in one or two sentences (Any 5) : [10]**

a) What is modern agriculture?

b) What is precision farming?

c) Define vertical farming.

d) What is smart farming?

e) What is hydroponics?

f) What is corporate farming?

g) What is Drones in Agriculture?

h) What is Aquaponics?

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Q2) **Answer in Brief (Any Two) :** **[10]**

a) What are the scope of modern agriculture?

b) Explain the IoT applications in agriculture?

c) What are challenges of precision farming?

Q3) **Attempt (Any One) :** **[10]**

a) What is vertical farming? Explain the technologies and infrastructure used in vertical farming.

b) What is soilless farming? Explain benefits and challenges of soilless farming.

Q4) **Attempt (Any One) :** **[10]**

a) What are e-commerce platforms in agriculture supply chains? Also explain the Role of e-commerce platforms in agricultural supply chains.

b) What is contract farming? Describe legal and regularly aspects of contract farming.

Q5) **Attempt (Any One) :** **[10]**

a) Describe the emerging trends and future technologies in agriculture.

b) Explain impact of AI and machine learning in agriculture?