April - May - 2026

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S.Y.M.B.A.

ABM617MJ : 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 to the following in one sentences (any 5). **[10]**

a) What are the benefits of modern agriculture to the farmers?

b) What is mean by precision farming?

c) What is mean by vertical farming?

d) What are the benefits of smart farming to the farmers?

e) What are the uses of hydroponics?

f) What are the benefits of corporate farming? Give list of 4.

g) What are the uses of Drones in Agriculture? Give list of 4.

h) What are the requirements of Aquaponics? Give list of 4.

Q2) Answer is brief (any 2). **[10]**

a) Discuss the importance of modern agriculture.

b) Discuss the IoT applications in modern Indian Agriculture.

c) What are the challenges of precision farming.

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Q3) Attempt (any 1). **[10]**

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

b) What is soilless farming? Explain advantages and limitations of soilless farming.

Q4) Attempt (any 1). **[10]**

a) Which e-commerce plat forms are used in agricultural supply chains? Explain the uses of e-commerce platforms in agricultural supply chains.

b) What is contract farming? Describe the benefits and challenges of contract farming?

Q5) Attempt (any 1). **[10]**

a) Describe the Emerging trends & future technologies in agriculture in India.

b) Explain impacts of A-I and machine learning in modern Indian Agriculture?



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