



## BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – B.Sc.(Ag)-Hons-2024

Course Name – Agricultural Heritage

Course Code - RC-BAG101

( Semester I )

Library  
Brainware University  
398, Ramkrishnapur Road, Barasat  
Kolkata, West Bengal-700125

Full Marks : 50

Time : 2:0 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

### Group-A

(Multiple Choice Type Question)

1 x 20=20

1. Choose the correct alternative from the following :

(i) Who is the author of Arthashastra book?

- a) Chanakya/ Kautilya
- c) Patanjali

- b) Panini
- d) None of these

(ii) Who is the author of Mahabhasya book?

- a) Patanjali
- c) Chanakya/ Kautilya

- b) Panini
- d) None of these

(iii) Show the correct option: The year when NITI Aayog launched the first ever Agricultural Marketing & Farm Friendly Reforms Index?

- a) 31st Oct 2016
- c) 2010

- b) 2018
- d) 2007

(iv) Who is known as father of green revolution in India?

- a) MS Swaminathan
- c) Mada, Kuri

- b) Vergese Kurien
- d) Robert Jones

(v) Select the year when the wheel was invented?

- a) 2800 BC
- c) 1500 BC

- b) 3400 BC
- d) 3200 BC

(vi) Sesame is a crop belongs to which family?

- a) Tilicaceae
- c) Brassicaceae

- b) Pedaliaceae
- d) Malvaceae

(vii) Select the location where is ICAR-IISS is situated?

- a) Bengaluru, Karnataka
- c) Bhopal, M.P

- b) Guntur, AP
- d) Rajasthan

(viii) What is the full form of AHS?

- a) Agri.Heritage Scheme
- c) Animal Husbandry System

- b) Agri.Heritage System
- d) Animal Husbandry Scheme

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(Short Answer Type Questions)

2. What is agriculture heritage? (2.5)
3. What was the farmer's status during indus, vedic, buddhist, gupta and mughal periods? (2.5)
4. What is NABARD? (2.5)
5. Illustrate the role of water harvesting techniques from indigenous knowledge in sustainable agriculture. Provide two methods and their benefits. (2.5)
6. Explain the significance of medicinal plants in indigenous agriculture. Provide two examples of plants and their medicinal uses. (2.5)
7. Simplify the term 'Black Soil'. (2.5)

8. Explain the significance of staple crops in global agriculture and their role in ensuring food security. (2.5)
9. Outline the importance of the National Bank for Agriculture and Rural Development (NABARD) in supporting agriculture in India. (2.5)
10. Explain the impact of climate change on Indian agriculture. (2.5)
11. Explain about sustainable agriculture. (2.5)

**OR**

Explain the importance of Indigenous Technical Knowledge (ITK). (2.5)

### **Group-C**

(Long Answer Type Questions)

5 x 1=5

12. Explain about Crop Voyage in India in details. (5)

**OR**

Explain about different impediments in the growth of Agriculture economy. (5)

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