

QUESTION BANK
SEMESTER IV
CORE COURSE-9
ARCHAEGONIAE (BOT-A-CC-4-9-TH)

Economic Botany

A. Objective type- (1 or 2 marks)

1. Who is N. I. Vavilov?
2. Define the term centre of origin.
3. Mention the name of two imported introduced variety of rice.
4. Point out the two objectives of plant introduction.
5. Define the term acclimatization.
6. Mention the important economic food plants of West Bengal.
7. Name few major cereals.
8. Name the food grains which provide the most important staple food to men.
9. What is the best form of rice?
10. Name two medicinal plant.
11. What type of fruit is present in rice?
12. What is the structure of wheat grain?
13. Name few of the common condiments.
14. Mention two fruits which originated in China.
15. Mention two cereals which originated in Hindustan.
16. Name two vegetables of Central American origin.
17. Mention two vegetables of South American origin.
18. Give the full form of FRI.
19. Give the full form of NBPGR.
20. Name two primary introduced variety of wheat.

B. Short answer type (5 marks)-

1. Write notes on Vavilovian centre of origin.
2. Comment briefly on crop domestication and loss of genetic diversity.
3. What is NBPGR? Point out its activities.
4. Mention the names of at least two crops originated from various centres.
5. Write notes on primary and secondary introduction of crops.
6. Write a note on the economic importance of mung bean to human and environment.
7. Write the name of regional substation located in different phytogeographical zone mentioning the state.
8. Write a short note on merits and demerits of plant introduction.
9. Give the economic importance of the spice family Lamiaceae.
10. Describe the morphological features of sugarcane.

11. Briefly describe how the genetic diversity takes place in organism.
12. Discuss in brief the products and by-products of sugarcane.
13. Give a list of primary introduced plant species (scientific name) in India.

C. Long answer type: (8 or 10 marks)-

1. Describe briefly the concept of centre of origin and the importance of germplasm diversity. [5+5=10]
2. What do you mean by plant introduction? Discuss in brief the different steps involved in plant introduction.[3+7=10]
3. Give the botanical name, family and a brief account of method of propagation of potato. [2+1+7=10]
4. Give a short account of the origin, morphology and uses of rice. [2+4+4=10]
5. Describe briefly the morphology of sugarcane and with a flow chart explain its processing in West Bengal.[3+7=10]
6. Give a list of the principal pulse yielding plants in India. Give an account of the origin, morphology and uses of gram. [2+2+4+2=10]
7. Name four important spice yielding plants in India mention its family and uses. [2.5x4=10]
8. Mention the botanical name, detail account of morphology and uses of wheat. [2+4+4=10]
9. Describe briefly the morphology and origin of mung bean. State its importance with special reference to human and environment. [2+4+4=10]
10. Discuss the economic importance of the family Apiaceae along with five examples. [2x5=10]
11. Mention the parts used and uses of the spice plants; [2.5x4=10]
12. Cumin
13. Bay leaf
14. Saffron
15. Jayitri
16. Give the scientific name of five spice plant and their part used of the family Lamiaceae. [2x5=10]