

PT4/ANNUAL EXAMINATION, 2022-23

AGRICULTURE

Class – XI (Set-A)

Time - 3 hrs.

M.M. – 60

Name of the student _____ Section _____ Date - 09.02.2023 (Thursday)

GENERAL INSTRUCTIONS:

1. Please read the instructions carefully
2. This Question Paper consists of 24 questions in two sections- Section A and Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. Out of given (6+18=) 24 questions, (6+11=) 17 questions has to answer.
5. All questions of a particular section must be attempted in the correct order.

SECTION - A (Objective Type Questions)

Q.1 Answer ANY 04 question out of given 6 questions on employability skills. (1x4=4)

- i. "I am right and you' are wrong." This statement is example of which type of communication?
a) passive b) passive – aggressive c) assertive d) aggressive
- ii. _____ is a word is used to express emotion.
a) Preposition b) Adverb c) Interjection d) Adjective
- iii. Select the command that can be used for to reach at the beginning of the current document.
a) Shift + Home b) Shift + End c) Shift + Ctrl + Home d) Shift+ Ctrl+ End
- iv. Wild life protection act was introduced in the year-
a) 2000 b) 1962 c) 1989 d) 1972
- v. Low level language is called-
a) Source code b) Middle ware c) Machine language d) Assembly language
- vi. The 4 RS' and 1 U Of waste management are:
a) Refuse, Reduce, Reuse, Recycle & Up cycle
b) Recollect, Reduce, Reuse, Recycle & Up cycle
c) Refuse, Reduce, Reuse, Recycle & Upgrade
d) All of these

Q.2 Answer ANY 05 questions out of the given 07 questions. (1x5=5)

- i. Name any two method of selection that is used for improvement in self pollinated crops.
- ii. Write the location of SBI (Sugarcane Breeding Institute).
- iii. Write name of any two day neutral plants.
- iv. Name the equipment that is used to measure wind velocity.
- v. Area of black soil in India is _____.

- vi. Write the ESP (Exchangeable Sodium Percentage) of saline soil.
- vii. _____ is known as first stage of soil erosion by water.

Q.3 Answer ANY 06 questions out of the given 07 questions.

(1x6=6)

- i. Golden revolution is related with_____.
- ii. Complete the this crop rotation:
Rice - _____ - Radish - _____.
- iii. _____ is commercial method of propagation in mango.
- iv. Name any two exotic breeds of poultry.
- v. _____ is the largest compartment of ruminant's stomach.
- vi. Which hormone is responsible for milk let down in cattle?
- vii. Name any two fodder crops.

Q.4 Answer ANY 05 questions out of the given 06 questions.

(1x5=5)

- i. Write the full form of NABARD.
- ii. Name any two viral diseases of poultry birds.
- iii. Write the propagation method of gladiolus and rose.
- iv. Write the critical stage of irrigation for maize.
- v. Name any two varieties of brinjal.
- vi. Write the family of mustard and sunflower.

Q.5 Answer ANY 05 questions out of the given 06 questions.

(1x5=5)

- i. _____ is the best method of hand milking.
- ii. Which fruit is known as apple of tropics /poor man's fruit?
- iii. Write the name of any two mechanisms that promote self pollination.
- iv. Write the propagation method of guava and apple.
- v. Write any one use of evaporimeter.
- vi. Name any two secondary tillage implements.

Q.6 Answer ANY 05 questions out of the given 06 questions.

(1x5=5)

- i. KCC stands for_____.
- ii. Certified seed is progeny of-
A) foundation seed B) breeder seed C) nucleus seed D) truthfully labeled seed
- iii. Name any one selection method that can be used for improvement of cross pollinated crops.
- iv. Name any two bacterial diseases of cattle.
- v. Deep litter system is method of housing of_____.
- vi. India is the _____ largest producer of eggs.

Answer ANY 3 out of the given 5 questions on employability Skills.

(2x3 = 6)

- Q.7 Enlist different types of communication.
- Q.8 What are the techniques for self exploration?

- Q.9 Write the steps to create table in MS word.
- Q.10 Make a list of factors that influence attitude in general and entrepreneurial attitude.
- Q.11 What are the different components of green economy?

SECTION - B (Subjective Type Questions)

Answer ANY 3 out of given 5 questions.

(2x3=6)

- Q.12 What are different vegetative propagation methods enlist it. Explain about air layering in detail.
- Q.13 Write two differences between mitosis and meiosis.
- Q.14 What is colostrum?
- Q.15 Enlist different dairy products. Explain about any one in detail.
- Q.16 Write the characteristics of good hay.

Answer ANY 2 out of given 3 questions.

(3x2=6)

- Q.17 What is calf starter? Explain about feeding management of new born calf.
- Q.18 Draw a well labeled diagram of mitochondria.
- Q.19 Write the key characteristics of national livestock mission.

Answer ANY 3 out of given 5 questions.

(3x4=12)

- Q.20 Explain about care and management of milch and pregnant animal in detail.
- Q.21 Explain about fixed dome type biogas plant with diagram.
- Q.22 Explain about package of practices of wheat under following points:
- A) Water management
 - B) Nutrient management
 - C) Climatic requirement
 - D) Botanical description
- Q.23 Explain about package of practices of mango and banana under following points:
- A) Propagation method
 - B) Important varieties
 - C) Climatic requirement
- Q.24 Explain the package of practices of potato under following points:
- A) Botanical description
 - B) Propagation
 - C) Varieties
 - D) Nutrient management
 - E) TPS and Seed plot technique

