

# 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

