Code No. 1527

CLASS : 11th (Eleventh)  
Series : 11-April/2021

Roll No. □□□□□□□□□□□□□□

कृषि विज्ञान

AGRICULTURE

[ हिंदी एवं अंग्रेजी माध्यम ]

[ Hindi and English Medium ]

(Only for Fresh/School Candidates)

समय : 2 1/2 घण्टे ]  
[ पूर्णांक : 60

Time allowed : 2 1/2 hours ]  
[ Maximum Marks : 60

• कृपया जाँच कर लें कि इस प्रश्न-पत्र में मुद्रित पृष्ठ 7 तथा प्रश्न 6 हैं।

Please make sure that the printed pages in this question paper are 7 in number and it contains 6 questions.

• प्रश्न-पत्र में सबसे ऊपर बिये गये औरः नम्बर को छात्र उत्तर-पुस्तिका के मुख्य-पृष्ठ पर लिखें।

The Code No. on the top of the question paper should be written by the candidate on the front page of the answer-book.

• कृपया प्रश्न का उत्तर लिखना शुरू करने से पहले, प्रश्न का क्रमांक अवश्य लिखें।

Before beginning to answer a question, its Serial Number must be written.

• उत्तर-पुस्तिका के बीच में खाली पन्ना/ पन्ने न छोड़ें।

Don’t leave blank page/pages in your answer-book.

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P. T. O.
Except answer-book, no extra sheet will be given. Write to the point and do not strike the written answer.

Candidates must write their Roll Number on the question paper.

Before answering the question, ensure that you have been supplied the correct and complete question paper, no claim in this regard, will be entertained after examination.

Note: Attempt any two questions from Question No. 1 to 3. Answer all the remaining questions according to instructions.

Note: Out of first three questions attempt any two. Each has five marks.
2. घरेलू पशु कीन-से हैं, इनको क्यों पाला जाता है, इनको पालने से मुख्य लाभ क्या हैं?

Which are the domestic animals and why these are reared and what are the main advantages of animal rearing?

3. बकरी पालन क्या है? इनका प्रबंध क्या है, और इनके क्या लाभ हैं?

Write about goat farming. How they are useful and how these are managed?

4. इस भाग में नी प्रश्न हैं, इनमें से किन्हीं आठ का उत्तर दें, प्रत्येक के तीन अंक हैं।

In this there are nine questions, do any eight, each has three marks.

(i) मौसम की भविष्यवाणी में समय के साथ क्या सुधार हुआ है? इनके कोई खार मापदंड बताइये।

How weather forecasting is improving over a period of time? Name its any four parameters.

(ii) सूचना विज्ञान (माइक्रोबायोलॉजी) किन-किन चीजों की दर्शाती है और ये किस प्रकार लाभकारी हैं?

Microbiology deals with which issues and how it is useful?

(iii) प्लांट ब्रीनिंग के लाभ बताइए।

Write the advantages of plant breeding.

(iv) वर्षा किस प्रकार किसानों के लिए लाभकारी है?

How is rain beneficial for formers?
(v) Why biochemistry is different from chemistry?

(vi) How animal breeding is good for farmers?

(vii) Write in brief about sheep farming.

(viii) Define genetics.

(ix) What is the role of animal husbandry department in a state?

5. Attempt any **seven**, out of **eight** questions given below, each carry **2** marks:

(i) Name the main fodder crops.

(ii) Write about the role of animals in rural economy.

(iii) How rainfall is measured and name its unit of measurement?
(iv) **Name the types of plant breeding.**

(v) **What is pollination?**

(vi) **Which are the items dealt by agrometrology?**

(vii) **Write about artificial insemination?**

(viii) **In Haryana, why the role draft animals have reduced?**

6. **Attempt any twelve, out of thirteen questions given below, each has 1 mark, answer may be given as right or wrong:**

(i) **Barseem is also used as dry fodder.**

(ii) **Weather forecasting is useful.**
(iii) Agrometeorology plays a good role in crop planning.

(iv) Climate of an area does not depend upon any place.

(v) Maximum rainfall area of the world falls in Meghalaya.

(vi) Temperature is rising in the recent time.

(vii) Curd making process is because of microbial activities.

(viii) Wheat is not a self pollinated crop.

(ix) Bajra is a millet and used for animal fodder also.

(x) Oceans play no important role in weather forecasting.
Paddy stubble burning affects the air quality.

Sweets can be prepared with the help of milk.

Vulture are not good scavenger of dead animals.