Code No. 1027
CLASS : 11th (Eleventh)  Series : 11-M/2019
Roll No. _____

कृषि विज्ञान

AGRICULTURE
[ Hindi and English Medium ]
(Only for Fresh/School Candidates)

Time allowed : 3 hours  Maximum Marks : 60

• कृपया जाँच कर ले कि इस प्रश्न-पत्र में मुद्रित प्रश्न 8 तथा प्रश्न 6 हैं।

Please make sure that the printed pages in this question paper are 8 in number and it contains 6 questions.

• प्रश्न-पत्र में सबसे ऊपर विवे गये कोड 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.
• Do not leave blank pages in your answer-book.

• 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.

• Attempt any two questions from Question No. 1 to 3. Answer all the remaining questions according to instructions.
1. Write about importance of Agro-meteorology.

2. What is Animal Science? What is the scope in Animal Science?

3. Explain in detail about management of animals.

4. Answer any eight out of following nine questions given below, each carry 3 marks:
   (i) Who is the founder of Weather Science?
   (ii) What is Plant Breeding?
   (iii) What is Genetics?
   (iv) Name any three different fields of microbiology.
(v) Sukh jeevok ka chaar prakaran hon se, kintu teem ke naam likhain.

What are 4 types of micro organism, name any three.

(vi) Baapekecimastri ke mahatva ke baare mein likhe.

Write about importance of Biochemistry.

(vii) Peshuon ke sanghiin karne par sankshipt note likhe.

Write short note on Dehorning.

(viii) Sanghiin karne ke vidhiyon ke baare mein likhe.

Write about methods of Dehorning.

(ix) Peshu guh banate samay kine-kine baar koi vyah mein rakhna chaahie?

What are points should be keep in mind while construction of Animal House?

5. Nimnalihtit aag prashn only se keval sat prashn ke uttar dijite, prachek ke 2 anek hain:

Do any seven, out of the following eight questions given below, each carry 2 marks:

(i) Peshuwan ka rashtriya aardhikata me kya mahatva hai?

What is role of live stock in National Economy?
Write about Breeds of animals in India. Write any such two types on the basis of which their breed can be classified.

Write about Importance and Principles of scientific animal management.

Which are diseases for those vaccination is done?

Which are the reproduction method in buffalo and cow?

Write any two differences between Animal reproduction and Artificial insemination.

What are the characteristics should be kept in mind for selection of good Bull?
(viii) छोटे बच्चों को गाय से अलग करने के क्या लाभ हैं?

What are the benefit of keeping calves separate from Cows?

6. निम्नलिखित तीन प्रश्नों में से किन्ही बार हों के उत्तर दीजिए, प्रत्येक का 1 अंक है। उत्तर केवल हैं या नहीं में दीजिए: $12 \times 1 = 12$

Do any **twelve**, out of following **thirteen** questions given below, each carry 1 mark, answer as **yes** or **no**:

(i) छोड़ी एक पालतू पशु है।

Mare is a Pet animal.

(ii) साहिवाल गाय की एक अच्छी नस्ल है।

Sahiwal is good breed of Cow.

(iii) नीली-रावी एक गाय की अच्छी नस्ल है।

Nili-Ravi is good Breed of Cow.

(iv) मरोड़-पेच्चिस में पशुओं का गोबर सक्त हो जाता है।

Dung becomes hard when an animal suffering from Dysentery.

(v) अफ़ारा के समय पशु खाना छोड़ देता है।

Animal stops feeding during Tympany.
(vi) Haryana Agricultural University is situated at Hissar.

(vii) Fowl pox is generally found in poultry new offspring.

(viii) Stomach worms are found in stomach of Buffalo, Cow, Sheep and Goat.

(ix) Cow average age is forty years.

(x) Rabies is serious disease which is generally caused by biting a mad-dog.

(xi) Haryana state is land of Agriculture.
(xii) Paddy is main Kharif crop of Karnal District.

(xiii) Sarson is Rabi-crop.