CLASS : 10th (Secondary) 
Series : Sec. M/2019 
Roll No. 

अग्रिकल्चर्च 
(Academic/Open) 
[ हिंदी एवं अंग्रेजी माध्यम ]
[ Hindi and English Medium ] 
(Only for Fresh/Re-appear Candidates) 

समय : 3 घण्टे | [ पूर्णांक : 60 ] 
Time allowed : 3 hours | [ Maximum Marks : 60 ]

• कृपया जाँच करें कि इस प्रश्न-पत्र में मुद्रित प्रश्न 8 तथा प्रश्न 7 हैं।

Please make sure that the printed pages in this question paper are 8 in number and it contains 7 questions.

• प्रश्न-पत्र में शामिल हाथ की ओर दिशे गये कोड नम्बर को छात्र उत्तर-पुस्तिका के मुख्य-पुष्ट पर लिखें।

The Code No. on the right side of the question paper should be written by the candidate on the front page of the answer-book.
Before beginning to answer a question, its Serial Number must be written.

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

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: In the last four questions, answer any three questions, each carrying four marks.

Do any three questions, out of the first four questions, each carry four marks.

1. Write about Gram crop, explain whether it is pulse crop? Write the names of two varieties, sowing time, seed rate in Kg/Acre.

2. Explain on the following points about Sarson crop, whether it is oilseed crop, name any two varieties, sowing time and seed rate in Kg/Acre.

3. Explain which of the following crops are Rabi & Kharif crops: Wheat, Bajra, Gram, Paddy, Gawar, Berseem, Barley, Jawar?
4. हरियाणा में किसान किन-किन ट्रैक्टरों का प्रयोग करते हैं कम से कम आठ ट्रैक्टरों के नाम लिखें। \[ 8 \times \frac{1}{2} = 4 \]
Name at least eight tractor brand which are used by farmers in Haryana.

5. दिए गए सात प्रश्नों में से किन्हीं छः का उत्तर दीजिए, प्रत्येक के तीन अंक हैं : \[ 6 \times 3 = 18 \]
Do any six out of seven questions given below, each carries three marks:

(i) अमूर्द की फसल के बारे में निम्नलिखित बिन्दुओं पर विवरण लिखें : कम से कम दो किस्में, साल में कितनी बार और कब-कब फल लगते हैं ? यह बताएं कि किस भौसम की फसल अच्छी होती है ?

Write about Guava crop on below mentioned points:
Name at least two varieties, how many times and in which months Guava fruits in a year, also mention which month crop is good ?

(ii) पपीटे की खेती पर निम्नलिखित बिन्दुओं पर विवरण दीजिए. इसकी कम से कम दो किस्में के नाम, इसके लिए जलवायु व भूमि कैसी होनी चाहिए ?

Describe on the following points on Papaya cultivation, at least name two varieties, climate and soil required.
(iii) Write short note on Dry farming.

(iv) Distinguish between irrigation and drainage.

(v) Write about methods of irrigation adopted in Haryana State.

(vi) Which are the sources of irrigation in Haryana?

(vii) What do you understand by Subsistence Agriculture?

6. दिए गए 8 प्रश्नों में से किन्हीं नौ का उत्तर दीजिए, प्रत्येक के बारे में अंक हैं: $9 \times 2 = 18$

Do any nine out of ten given below, each carry two marks:

(i) Which plant is called as Weed?

(ii) What do you call the harvesting machine?
(iii) Name any four vine-vegetables.

(iv) Write the names of any two paddy varieties.

(v) Write any two cereal Rabi-crops.

(vi) Write the name of any two oilseed crops.

(vii) Now Agriculture Deptt. in Haryana is known by which New Name?

(viii) Write the names of any two Fodder crop.

(ix) Name one vegetable which is known as vegetable king.

(x) By which name Haryana Agricultural University is known and where it is situated?
7. Do any **twelve** out of **thirteen** questions given below, please answer **right** or **wrong**, each has **one** mark:

(i) Soyabean contains rich in sugar contents.

(ii) Paddy is a cereal crop.

(iii) Butachlor is a weedicide.

(iv) The native place of Barbari Breed of goat is East-Africa.

(v) Generally small Farmers lives in dry farming zones.

(vi) Khurpa for hoeing purpose is a Tractor drawn agriculture-implement.

(vii) Plunker is an Agriculture implements for land leveling.
(viii) कृत्रिम गर्भावस्था पशु प्रजनन का एक अच्छा तरीका है।
Artificial insemination is good method of reproduction in Animals.

(ix) टपका सिंचाई एक ऐसी सिंचाई प्रणाली है जिसमें पानी की बच्ची होती है।
Drip irrigation is such type where water losses is maximum.

(x) फसल अवशेष का जलाना वातावरण को दूषित करता है।
Burning of crop residue affects the environment badly.

(xi) बिंदी की शीघ्रसंवाहन फसल विजाई फरवरी-मार्च में होती है।
Summer ladies finger is sown during the month of Feb.-March.

(xii) डीएपी रासायनिक खाद विजाई के समय दी जाती है।
D.A.P. chemical fertilizer dose is given at the time of sowing.

(xiii) गेहूँ में पहली सिंचाई जब शिखर जड़ें निकलते समय जमाने करें।
1st irrigation in wheat is essential at the time of crown-roots starts growing.