

SAMPLE QUESTION PAPER

BASIC AGRICULTURE (408)

Class X (2018-19)

Time: 2 hours

Max Marks: 50

General Instructions:

1. Question paper is divided into two sections: Section-A and Section-B.
2. **Section–A:**
 - i. Multiple choice question/Fill in the blanks/Direct Questions of 1 mark each. Answer any 10 questions out of the given 12 questions.
 - ii. Very Short Answer of 2 marks each. Answer any 5 questions from the given 7 questions.
 - iii. Short Answer of 3 marks each. Answer any 5 questions from the given 7 questions.
3. **Section–B:** Long/Essay type questions of 5 marks each. Answer any 3 questions from the given 5 questions.
4. All questions of a particular section must be attempted in the correct order.
5. Please check that this question paper contains 31 questions out of which 23 questions are to be attempted.
6. The maximum time allowed is 2 hrs.

SECTION –A

<i>Multiple choice questions (Q. No. 1-12, one mark each), Attempt any 10 questions</i>				<i>10 x 1 = 10</i>
Q. No.1	Which one among the following is the variety of wheat?			
	a. Kalyan Sona	b. Pusa Hybrid-10	c. Jaya	d. 1121
Q. No.2	Rose is commercially propagated by			
	a. Seed	b. Veneer grafting	c. T budding	d. Root cutting
Q. No. 3	Cabbage belongs to family			
	a. Brassicaceae	b. Solanaceae	c. Cucurbitaceae	d. Rosaceae
Q. No. 4.	Which is the best breed of buffalo for milk production?			
	a. Murrah	b. Neeli Ravi	c. Surti	d. Mehsana
Q.No. 5.	The best breed of poultry for egg production is....			
	a. Plymouth Rock	b. Rhode Iceland Red	c. Aseel	d. White Leg Horn
Q. No. 6.	Fat content is maximum in milk			
	a. Cow	b. Goat	c. Camel	d. Buffalo
Q.No. 7.	Cleistogamy is found in crops like			
	a. Pea	b. Maize	c. Wheat	d. Mango
Q. No. 8.	Breeder seed is a progeny of			
	a. Foundation seed	b. Certified seed	c. Farmers seed	d. Nucleus Seed
Q. No. 9.	<i>Anardana</i> is a dried product prepared from			
	a. Wild pomegranate	b. Cultivated pomegranate	c. Citrus	d. Apple

Q. No. 10.	<i>Apis mellifera</i> was first introduced in India at			
	a. Nainital	b. Kangra	c. Kodaikanal	d. Ooty
Q. No. 11	National Dairy Research Institute is located at			
	a. Delhi	b. Bangalore	c. Hyderabad	d. Karnal
Q. No. 12	Indian Agricultural Research Institute is located at			
	a. New Delhi	b. Bangalore	c. Hyderabad	d. Karnal
Very short answer type questions (Q. No. 13-19, 2 marks each). Attempt any five questions				5 x 2 = 10
Q. No. 13	Write two high yielding varieties each of wheat.			
Q. No. 14	Write two major diseases of pulses.			
Q. No. 15	Write two major pests of pulses.			
Q. No. 16	Name two exotic breeds of cow.			
Q. No. 17	Enlist coagulated milk products.			
Q. No. 18	Classify milk on basis of fat and SNF.			
Q. No. 19	Define the male sterility and self-incompatibility.			
Short answer type questions (20-26, 3 marks each). Attempt any five questions				5 x 3 = 15
Q. No. 20	List the three pulse crops of India and write their seed rates.			
Q. No. 21	Discuss briefly the major problems of mango.			
Q. No. 22	Write most suitable breeds of animals for different purposes.			
Q. No. 23	Make a flowchart of ice cream preparation.			
Q. No. 24	Write different value added products of fruits and vegetables.			
Q. No. 25	List different types of honeybees found in India.			
Q. No. 26	Write work distribution among different categories of honeybees.			

SECTION – B

Long answer type questions (27-31, 5 marks each). Attempt any three questions		3 x 5 = 15
Q. No. 27	Write short notes on any TWO of the following a. Bitter pit b. Fruit cracking c. Major diseases of cole crops	
Q. No. 28	What is pollination? Discuss mechanism favouring self and cross-pollination in crop plants.	
Q. No. 29	Discuss cultivation of apple under the following heads: Soil and climate, major varieties, propagation and rootstock and major diseases and their management.	
Q. No. 30	Discuss cultivation of rice under the following heads: Soil and climate, major varieties, propagation and major diseases and their management.	
Q. No. 31	Enlist major oils seed crops grown in India. Discuss cultivation of mustard.	