

CBSE | DEPARTMENT OF SKILL EDUCATION

AGRICULTURE (SUBJECT CODE - 808)

Blue-print for Sample Question Paper for Class XII (Session 2024-2025)

Max. Time: 3 Hours

Max. Marks: 60

PART A - EMPLOYABILITY SKILLS (10 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Communication Skills- III	1	1	2
2	Self-Management Skills- III	2	1	3
3	ICT Skills- III	1	1	2
4	Entrepreneurial Skills- III	1	1	2
5	Green Skills- III	1	1	2
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	07
TOTAL MARKS		1 x 4 = 4	2 x 3 = 6	10 MARKS

PART B - SUBJECT SPECIFIC SKILLS (50 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANS. TYPE QUES.- I	SHORT ANS. TYPE QUES.- II	DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	
Unit I	Advanced Crop Production	13	2	1	1	17
Unit II	Organic Farming	2	1	----	1	4
Unit III	Post-Harvest Management	6	1	1	1	9
Unit IV	Food Processing and Value Addition	4	1	1	1	7
Unit V	Subsidiary Enterprises in Agriculture	7	----	----	1	8
TOTAL QUESTIONS		32	5	3	5	45
NO. OF QUESTIONS TO BE ANSWERED		26	Any 3	Any 2	Any 3	34
TOTAL MARKS		1 x 26 = 26	2 x 3 = 6	3 x 2 = 6	4 x 3 = 12	50 MARKS

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Max. Time: 3 Hours

Max. Marks: 60

General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of **24 questions** in two sections – Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. **Out of the given (6 + 18 =) 24 questions, a candidate has to answer (6 + 11 =) 17 questions in the allotted (maximum) time of 3 hours.**
5. All questions of a particular section must be attempted in the correct order.
6. **SECTION A - OBJECTIVE TYPE QUESTIONS (30 MARKS):**
 - i. This section has 06 questions.
 - ii. There is no negative marking.
 - iii. Do as per the instructions given.
 - iv. Marks allotted are mentioned against each question/part.
7. **SECTION B – SUBJECTIVE TYPE QUESTIONS (30 MARKS):**
 - i. This section contains 18 questions.
 - ii. A candidate has to do 11 questions.
 - iii. Do as per the instructions given.
 - iv. Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

Q. 1	Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)	
i.	What is a sentence? a. A group of ideas that form a complete paragraph b. A group of words that communicates a complete thought c. A set of rules that we must follow to write correctly d. A set of words that contains basic punctuation marks	1
ii.	Mrs. Sharma's children fall sick very often. They have cold and cough every month. What should she do? a. Grow organic food in kitchen garden b. Use air purifiers with HEPA filters c. Keep them inside the house all the time d. Paint her house with non-VOC paint	1
iii.	Rohan has feelings of emptiness, abandonment and suicide. What type of personality disorder is this? a. Borderline b. Dependent c. Avoidant d. Obsessive	1
iv.	An entrepreneur who starts a business, nurtures it and makes it reach a point of self-sustenance is – a. Technical b. Industrial c. Professional d. Non -technical	1
v.	What does S stands in acronym SMART to set goals? a. Specific b. Sustainable c. Special d. Safety	1
vi.	A _____ is an arrangement of cells in a horizontal manner. a. Column b. Row c. Cell d. Worksheet	1

Q. 2	Answer any 5 out of the given 7 questions (1 x 5 = 5 marks)	
i.	Name any two types of mushroom.	1
ii.	Name any two value added products of tomato.	1
iii.	Name the two ultra-micro nutrients.	1
iv.	Name any two plants species that are used in biopesticides formulation.	1
v.	ICMR, New Delhi, recommendation of consumption of fruits per capita every day for balance diet is.	1
vi.	Name any two propagation structures used in nursery.	1
vii.	Name the three primary nutrients.	1

Q. 3	Answer any 6 out of the given 7 questions (1 x 6 = 6 marks)	
i.	Type of water which forms very thin film around soil particles and is not available to the plants.	1
ii.	Name two types of surface irrigation method.	1
iii.	Carrot is a good source of vitamin.	1
iv.	Name any two nutrients where deficiency symptoms appear on new leaves of the plant.	1
v.	Early vegetative, tasseling and silking stage are critical stage of irrigation of crop.	1
vi.	Name two epigeic (surface dwellers) species of earthworms used in Vermicomposting.	1
vii.	Name any two informal styles of gardens.	1

Q. 4	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	Name the largest species of honey bee.	1
ii.	National Centre for Organic and Natural Farming is located at.	1
iii.	Name any two compulsory legislations for quality control of foods.	1
iv.	Zero energy cool chamber is based on principle of.	1
v.	Parasites which live inside the body of the host and derive their nutrition from it is known.	1
vi.	Treatment done with dematerialized water supplemented with germicides and acidified with citric acid to pH 4.0-5.0 in order to restore the turgor of flowers wilted after harvest, storage or transport is known as	1

Q. 5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	Name the chemical preservative which is commonly used products having natural colour such as anthocyanins.	1
ii.	A honey bee colony has only one functional female known as	1
iii.	A nutrient which is essential component of Adenosine Triphosphate (ATP) which is directly responsible for energy transfer reactions in plants.	1
iv.	Name any two fruit crops that are being organically grown and are exported.	1
v.	Name any one test that determine the amount of pectin in fruit juices.	1
vi.	Who is known as Father of Canning.	1

Q. 6	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	Mention any two non-edible Oil Cakes.	1
ii.	Name the food safety programme developed for NASA to ensure the safety of food products that were to be used by the astronauts in the space programme.	1
iii.	Name any two pre-cooling methods followed for rapid removal of the field heat from freshly harvested horticultural produce.	1
iv.	Irradiation treatment is done for sprout inhibition in vegetable crops (Any two)	1
v.	Mention the principal form for uptake of potassium by plants is.	1
vi.	Name any fruit crops that are rich source of proteins.	1

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)

Answer each question in 20 – 30 words.

Q. 7	Why is listening attentively important? Support your answer with four reasons.	2
Q. 8	List four characteristics of entrepreneurship.	2
Q. 9	Give four ways to maintain positive attitude.	2
Q. 10	Enumerate four advantages of presentation software.	2
Q. 11	Write four benefits of green jobs.	2

Answer any 3 out of the given 5 questions in 20 – 30 words each (2 x 3 = 6 marks)

Q. 12	What is Organic agriculture?	2
Q. 13	Enlist different methods of composting.	2
Q. 14	What do you understand by term soil productivity?	2
Q. 15	Enlist various principles of preservation of food.	2
Q. 16	What is Mega Food Parks Scheme?	2

Answer any 2 out of the given 3 questions in 30– 50 words each (3 x 2 = 6 marks)

Q. 17	Mention the problems of Jelly making.	3
Q. 18	Differentiate between puffing and flaking.	3
Q. 19	Write the deficiency symptoms of nitrogen in plants.	3

Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)

Q. 20	Explain the importance of soil organic carbon and discuss in detail the various management practices and their functions that increase soil organic carbon.	4
Q. 21	Discuss about the various schemes of Government of India for promotion of organic farming in India.	4
Q. 22	Discuss in detail the various post-harvest factors affecting the post-harvest quality of flowers.	4
Q. 23	Describe in detailed manner the various principles of landscape gardening.	4
Q. 24	Enlist the various components of jam and explain the processing of Jam in detailed manner along with flow sheet for processing of fruits jam.	4