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 1 MARK EACH	SHORT ANSWER TYPE QUESTIONS 2 MARKS EACH	TOTAL QUESTIONS
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
NC). 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
140.		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	QOESTIONS
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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AGRICULTURE (SUBJECT CODE-808)

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

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	Answe	er any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)	
i.	What	is a sentence?	1
	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	
ii.		harma's children fall sick very often. They have cold and cough every month.	1
	What	should she do?	
		Grow organic food in kitchen garden	
	b.	Use air purifiers with HEPA filters	
		Keep them inside the house all the time	
		Paint her house with non-VOC paint	
iii.		has feelings of emptiness, abandonment and suicide. What type of	1
	l -	nality disorder is this?	
	_	Borderline	
	b.	Dependent	
	c.		
	d.	Obsessive	
iv.		repreneur who starts a business, nurtures it and makes it reach a point of self-	1
		nance is –	
	_	Technical	
	_	Industrial	
	_	Professional	
		Non -technical	
v.		does S stands in acronym SMART to set goals?	1
		Specific	
		Sustainable	
		Special	
	d.	Safety	
vi.	Α	is an arrangement of cells in a horizontal manner.	1
	_	Column	
		Row	
	C.		
	d.	Worksheet	

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
٧.	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 ($2 \times 3 = 6 \text{ marks}$)

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 $(2 \times 3 = 6 \text{ marks})$

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 $(4 \times 3 = 12 \text{ marks})$

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