

CBSE | DEPARTMENT OF SKILL EDUCATION

AGRICULTURE (SUBJECT CODE-808)

CLASS XII (SESSION 2021-2022)
BLUE-PRINT FOR SAMPLE QUESTION PAPER FOR TERM -1

Max. Time Allowed: 90 Minutes (1½ Hrs.)

Max. Marks: 35

PART A - EMPLOYABILITY SKILLS (05 MARKS):

UNIT NO.	NAME OF THE UNIT	NO. OF QUESTIONS (1 MARK EACH)
1	Communication Skills-IV	2
2	Self-Management Skills-IV	2
3	Information and Communication Technology Skills-IV	2
TOTAL QUESTIONS		6 Questions
NO. OF QUESTIONS TO BE ANSWERED		Any 5 Questions
TOTAL MARKS		1 x 5 = 5 marks

PART B - SUBJECT SPECIFIC SKILLS (30 MARKS):

UNIT NO.	NAME OF THE UNIT	NO. OF QUESTIONS (1 MARK EACH)
UNIT I	Advance Crop Production	20
UNIT II	Organic Farming	07
UNIT III	Post-Harvest Management	10
TOTAL QUESTIONS		37 Questions
NO. OF QUESTIONS TO BE ANSWERED		30 Questions
TOTAL MARKS		1 x 30 = 30 MARKS

CBSE | DEPARTMENT OF SKILL EDUCATION

AGRICULTURE (SUBJECT CODE-808)

CLASS XII (SESSION 2021-2022) SAMPLE QUESTION PAPER FOR TERM -1

Max. Time Allowed: 90 Minutes (1½ Hrs.)

Max. Marks: 35

General Instructions:

1. Please read the instructions carefully
2. This Question Paper is divided into 03 sections, viz., Section A, Section B and Section C.
3. Section A is of 05 marks and has 06 questions on Employability Skills.
4. Section B is of 25 marks and has 30 questions on Subject specific Skills.
5. Section C is of 05 marks and has 07 Competency based questions.
6. Do as per the instructions given in the respective sections.
7. Marks allotted are mentioned against each section/question.
8. All questions must be attempted in the correct order

SECTION A

Answer any 5 questions out of the given 6 questions on Employability Skills (1 x 5 = 5 marks)

1.	The most critical skills in effective communication is a) Active listening b) Active response c) Active interviewing d) Active participation	1
2.	Which of the following is not a basic part of any speech? a) Noun and Pronoun b) Adjective c) Verb and Adverb d) Prepositions	1
3.	Which of the following techniques help us overcome fears and take up new challenges? a) Motivation b) Positive attitude c) Both a and b d) Communication	1
4.	A person's ability to recognize what results are important and the steps needed to be taken to achieve them, can be described by term- a) Result Orientation b) Self-motivation c) Self-awareness d) Self-reflection	1
5.	An electronic document, which has rows and columns and used to store data in a systematic way for performing calculations is known as a) Worksheet b) Work book c) Spreadsheet d) Cell	1
6.	Which of the following presentation software is used to make digital presentations? a) Notebook b) Microsoft-Power point c) Google slides d) Both b and c	1

SECTION B

Answer any 25 questions out of the given 30 questions

(1 x 25 = 25 marks)

7.	The branch of agriculture which deals with fruit crops, vegetable crops, ornamental crops, medicinal & aromatic crops, spices & plantation crops and post-harvest management and processing, is known as a) Apiculture b) Horticulture c) Floriculture d) Olericulture	1
8.	Which of the following crops offers best utilization of waste land? a) Karonda b) Maize c) Custard apple d) Both a and c	1
9.	Vitamin B2 is also known as a) Riboflavin b) Ascorbic acid c) Nicotinic acid d) Pyridoxine	1
10.	Papain, a digestive enzyme is extracted from which of the following crops? a) Rose b) Cabbage c) Papaya d) Rice	1
11.	How much quantity of the vegetables is recommended by ICMR, New Delhi per capita every day for balance diet? a) 300 g/day b) 120 g/day c) 75 g/day d) 500 g/day	1
12.	Which of the following vitamins is water soluble? a) Vitamin D b) Vitamin C c) Vitamin B d) Both b and c	1
13.	Which of the following is a rich source of vitamin C? a) Guava b) Barbados Cherry c) Drumstick leaves d) Broccoli	1
14.	The capability of soil to produce specified crop yield under well-defined and specified systems of management of inputs and environmental conditions is referred as a) Soil elasticity b) Soil fertility c) Soil productivity d) Soil plasticity	1
15.	Which of the following is considered as Quasi essential element for plants? a) Nitrogen b) Nickel c) Calcium d) Silicon	1
16.	Apical Bud Symptoms of the plant is caused by deficiency of which of the following nutrients? a) Ca and B b) N and K c) Cu and Cl d) Mg and Mo	1

17.	Which of the following nutrient is actively involved in photosynthesis of plants? a) N b) Mg c) S d) B	1
18.	How much sampling depth is recommended for the field crops? a) 5-10 cm b) less than 5 cm c) 15-20 cm d) More than 50 cm	1
19.	Measure of hydrogen ion (H ⁺) and hydroxyl ion (OH ⁻) concentration in soil is known as a) C Sequestration b) Soil Organic Carbon c) Organic matter d) Soil pH	1
20.	The decomposed mixture of dung and urine of farm animals along with litter (bedding material) and left over material from roughages or fodder fed to the cattle is called as a) Farm Yard Manure (FYM) b) Compost c) Oil Cakes Manure d) Green Manure	1
21.	Which of the following crop is used for green manuring? a) Wheat b) Dhaincha c) Maize d) Rice	1
22.	Which of the following bio-fertilizers helps crop plants for the uptake of nutrients by their interactions in the rhizosphere? a) Di ammonium Phosphate b) Phosphorus solubilizing Biofertilizers c) Urea d) Indole acetic acid	1
23.	IPNS stands for a) Integrated plant nutrient supply b) Integral plant nutrient supplement c) Internal plant name system d) Institute of plant and nutrient study	1
24.	Which of the following water forms very thin films around soil particles and is not available to the plant? a) Hygroscopic water b) Capillary water c) Gravitational water d) Unavailable water	1
25.	Woolly apple aphid (<i>Eriosoma lanigerum</i>) can be controlled biologically by use of a) <i>Aphelinus mali</i> b) <i>Rodolia cardinalis</i> c) <i>Aphytis spiditis</i> d) <i>Trichogramma minutum</i>	1
26.	What type of schemes are initiated by the Government of India for promoting organic farming? a) National Project on Organic Farming b) Rashtriya Krishi Vikas Yojna c) Both a and b d) Kisan credit card scheme	1
27.	Cultivation of vegetables nearby the home or backyard of the house to produce the vegetables for the family throughout the year is usually termed as a) Home/Kichen gardening b) Vertical gardening c) Ornamental gardening d) Wall hangings	1

28.	The largest producer of fruits and vegetables in the world is a) India b) China c) USA d) Japan	1
29.	Which of the following is known as 'Father of Canning'? a) Spallanzani b) M. NicholasAppart c) James Haryson d) Peter Durand	1
30.	The process of decomposing the green pigment in fruits is done by applying which of the following chemical? a) Gibberellins b) Auxins c) Ethylene d) Cytokinin	1
31.	Which of the following treatment is not used to control pathogens in the fruit crops? a) Hot water treatment b) Radiation treatment c) Fumigation d) Waxing treatment	1
32.	Which of the following post-harvest practice is mandatory for export of mangoes? a) Vapour heat treatment b) Sorting c) precooling d) Pulsing	1
33.	The storage method which enhances the shelf life of fresh fruit and vegetables by maintaining the temperature and relative humidity during summer and winter season naturally with the application of water is known as. a) Clamp Storage b) Zero Energy Cool Chamber c) Barns Storage d) Cellars Storage	1
34.	In cold storage, potatoes are stored at which of the following temperature and relative humidity? a) -1-0 °C and 90-95% b) 8-9 °C and 85-90% c) 3-4.4 °C and 85% d) 0 °C and 65-70%	1
35.	In which of the following storage method, fruits and vegetables are stored under low pressure atmosphere, vacuum tight and refrigerated condition? a) Pit storage b) Cold storage c) Sand and Coir Storage d) Hypobaric Storage	1
36.	Pre harvest spray of which chemical prolong shelf life of vegetables? a) N-Benzyladenine (BA) (10-20 ppm) b) Calcium chloride (0.6%) c) Diphenylamine (0.1-0.25%) d) GA3 at 100-200 ppm	1

SECTION C
COMPETENCY BASED QUESTIONS

Answer any 5 questions out of the given 7 questions

(1 x 5 = 5 marks)

37.	The equation " $ETO = Kp/Epan$ " is used to estimate Evapotranspiration (ET) in which of the following method? a) Blaney and Criddle method b) Pan evaporation method c) Radiation method d) Modified penman method	1
-----	---	---

38.	Most critical stage for irrigation of wheat crop is a) Crown root initiation b) Pre bloom stage c) Tasseling and silking stage d) Tailoring Stage	1
39.	Which of the following are the main pillars of organic farming? a) Organic threshold standards and Technology packages b) Production of foodstuffs of high nutritional quality and sufficient quantity c) Maintenance of the long-term fertility of soils d) Reduction in use of fossil energy in agricultural practice to a minimum	1
40.	Stable system of crop protection, which based on the ecological relations within the crop and the environment, combines several methods of pest control in such a way that the pest is prevented from causing economic injury is known as a) Integrated Plant Management b) Integrated Pest Management c) Natural Biological Control d) Crop rotation	1
41.	Which of the following varieties of mango and papaya are suitable for growing in Kitchen gardening? a) Amrapali and Pusa Nanha b) Totapari and Pusa Ruby b) Alphonso and Pusa Gaint d) Chausa and Solo	1
42.	Proper marketing of perishable commodities such as fruit and vegetables often requires proper storage conditions to balance day-to-day fluctuation between harvest and sale or for long term storage. Storage controls shelf life of produce by controlling rate of respiration, transpiration, ripening and biochemical changes all of which are responsible for shelf decomposition/deterioration of produce. The different types of storage such as Traditional Storage, advanced storage, etc have different attributes in minimizing microbial infection and thus add to better storability of produce. From above paragraph, in which of the following storage method, storage atmosphere is achieved by manipulating O ₂ , CO ₂ and N ₂ ? a) Cellars Storage b) Zero Energy Cool Chamber c) Modified Atmospheric Storage d) Barns Storage	1
43.	In traditional India, before shifting to chemical farming, the agriculture industry was practiced using organic techniques, where the fertilizers and pesticides were obtained from plant and animal products. Organic farming was the backbone of the Indian economy and cows are still worshiped as sacred animals from God. Now days, Govt. of India has started many institutes/schemes such as ICAR, AINPSBB, NHM, NABARD, NPMSH&F, etc. working on organic farming. Which of the following schemes was initiated by ICAR for organic farming? a) All India Network Project on Soil Biodiversity-Biofertilizers b) National Project on Management of Soil Health and Fertility c) Nutritional Security through Intensive Millets Promotion Programme d) National Horticulture mission	1