CBSE | DEPARTMENT OF SKILL EDUCATION

AGRICULTURE (SUBJECT CODE: 408)

CLASS X (SESSION 2021-2022)
MARKING SCHEME FOR TERM - II

Max. Time Allowed: 1 Hour (60 min)　　　　　　　　　　　　　**Max. Marks: 25**

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.

    a) Questions numbers 1 to 4 are one mark questions. Attempt any three questions.
    b) Questions numbers 5 and 6 are two marks questions. Attempt any one question.

4. Section B is of 12 marks and has 12 questions on Subject Specific Skills.

    a) Questions numbers 7 to 12 are one mark questions. Attempt any four questions.
    b) Questions numbers 13 to 18 are two marks questions. Attempt any four questions.

5. Section C is of 08 marks and has 03 competency-based questions.

    a) Questions numbers 19 to 21 are four marks questions. Attempt any two questions.

6. Do as per the instructions given in the respective sections.

7. Marks allotted are mentioned against each section/question.

SECTION A (3 + 2 = 5 marks)

Answer any 3 questions out of the given 4 questions. Each question is of mark.		1 x 3 = 3
Q.1	Sustainable development is development that meets the needs of the present without compromising the ability of future generation to meet their own needs?	1
Q.2	Entrepreneurship is the creation or extraction of values in the business.	1
Q.3	Food and nutrition security, safe drinking water, energy security, and waste management.	1
Q.4	Successful entrepreneur qualities are brain racy share the top 5 traits that all entrepreneur must have to succeed like self discipline, integrity, persistence, clear direction and action oriented, creative, responsible, how working.	1
Answer any 1 question out of the given 2 questions. Each question is of mark.		**2 x 1 = 2**
Q.5	Any four sustainable development goals.	2
Q.6	We can become responsible consumer and producer by : **(Attempt any four)** 　　1. Refuse of plastic, water, glass and paper etc. 　　2. Using cloth bags. 　　3. Donate things, which we do not use. 　　4. Buy and eat seasonal fruits and vegetables. 　　5. Do not wasting water and food. 　　6. Sorting and treating garbage before dispose.	2

SECTION B (4+8 = 12 marks)

Answer any 04 questions out of the given 06 questions		1 x 4=4
Q.7	Pasteurization is a techniques to that controlled of bacteria, fungi and other microorganism like in milk.	1
Q.8	Breeder seed tag : Yellow, Foundation seed tag : White	1
Q.9	Mushroom cultivation has requirement for production like compost, spawn, structure and shady area.	1
Q.10	Bio fertilizer are called bio base organism use to improve soil fertility e.g. Azotobacter, vamp, microrizha and blud green alagae and other bacteria culture.	1
Q.11	Apiculture is the maintenance of bee colonies, commonly in man-made hives by humans it called Apiculture. The status in India currently exhibited strong growth during from 2015 to 2020.	1
Q.12	Difference between Jam and Jelly are like Jelly is made with strained with fruit juice and transparent. Jam is a not transparent but in solid prepared by pulpy fruits.	1

Answer any 04 questions out of the given 06 questions		2 x 4=8
Q.13	Milk is classified based on fat and SNF content: FAT SNF 1. Double toned Milk 1.5 9.0 2. Toned Milk 3.0 8.5 3. Standardized 4.5 8.5 4. Full Cream 6.0 9.0 5. Skin Milk < 0.5 8.7	2
Q.14	**Seed** **Gram** Propagation is motive Consumption is motive Seed typically produced Generally produced Viable and Vigorous Not Necessary Should by physically pure Not necessary Treated with pesticide and fungicide Not treated	2
Q.15	Important species of Honey Bee of India like the rock bee, India hive bee and European & dormer bee are good features of all for honey bee.	2
Q.16	Skrekand – a semi soft whole milk produced made from concentrated dahi with sweet and sour taste. 1.Dahi is placed in muslin cloth 2. Drained 4-8 hours to remove whey and to produce solid mass called chakka. 3. Chakka is mixed sugar, condiments and flavors.	2
Q.17	Self-incompatibility is a spread mechanism in flowering plants that prevents in breeding and promotes out crossing and response in genetically controlled. In favor cross pollination the in to different male and female gametes.	2
Q.18	Failure of pollen to fertilized the same flower or other flower in the plants or it is due to failure to penetrate the full length of style effect fertilization e.g. Mustard.	2

SECTION C   (2x 4 = 8 marks)
(COMPETENCY BASED QUESTIONS)

	Answer any 02 questions out of the given 03 questions	
Q.19	Terrarium is a glass containing soil and plants for decorative & ornamental purpose. It create a unique environment for plant growth as the transparent walves allow for both heat and light to enter the terrarium and used a sinuses scale water cycle. The use of plant like house foliage plants in tropical plants verities- moses, orchids, farms, algae and air plants. Used the common medium like petmoss, varniculiate and perlite.Types of two closed terrarium, open terrier are open.	**4**
Q.20	Lac insect is a insect live on twig it host plant eg, br, babul, khair insect creating and producing secretion that are used in the production of shellac it called lac. Kerriidae is a family of scale insects, commonly known as lac-insect. Used for ingradient in various ink, paints, sealants and varnishes in lac industry. Life cycle of lac insect takes about six months and consists of stages- Egg, nymph instars, pupa and adult. Insect have an ovoviviparous made or reproduction and female lays 200-500 ready to hatch egg, create embryos.	**4**
Q.21	1.Angiosperm fertilization involves of to nuclei of pollen tube. 2. One make nuclei fuses with the egg nucleus to form the diploide zygote. 3. The other make nuclei fuses with 2 polar nuclei to produced a triplode nucleus. Which is called primary endosperm.	**4**