CBSE | DEPARTMENT OF SKILL EDUCATION

AGRICULTURE (SUBJECT CODE-808)

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

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

Max. Marks: 30

PART A - EMPLOYABILITY SKILLS (05 MARKS):

UNIT NO.	NAME OF THE UNIT	NO. OF QUESTIONS (1 MARK EACH)
1	Communication Skills-III	2
2	Self-Management Skills-III	2
3	Information and Communication Technology Skills-III	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 (25 MARKS):

UNIT NO.	NAME OF THE UNIT	NO. OF QUESTIONS (1 MARK EACH)
UNIT I	Scope and Importance	04
UNIT II	Physical Environment	10
UNIT III	Agriculture Economics and Crop Production	10
UNIT IV	Unit: IV Genetics, and Plant Breeding	08
	TOTAL QUESTIONS	32 Questions
NO. OF QUESTIONS TO BE ANSWERED 25 Questions		25 Questions
	TOTAL MARKS	1 x 25 = 25 MARKS

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

Max. Marks: 30

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 20 marks and has 25 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.	Verbal Communication includes	1
	a) Face-to-face conversation b) Raising a hand to greet	
	c) Short Message Service d) Both a and c	
2.	The way you say a word or a language is spoken, is known as	1
	a) Conversation b) Communication	
	c) Pronunciation d) Conservation	
3.	Identity is defined as	1
	a) A person's experiences, training and education.	
	b) A set of behavioural or personal characteristics by which an individual is	
	recognizable as a member of a group.	
	c) A view or judgment formed about something, not necessarily based on fact.	
	d) A feeling of certainty that something exists and is true, especially one without	
	proof	
4.	Which of the following does not help us to build networking skills?	1
	a) Pleasant appearance b) Smart networking	
	c) Regular communication d) Inactive listening	
5.	Which of the following is not a common word processing application?	1
	a) Libre Office Writer b) Google docs	
	c) Open Office Writer d) Word Press	
6.	Which shortcut key is used to copy a text in the document?	
	a) Ctrl b b) Ctrl c	
	c) Ctrl n d) Ctrl a	
1		1

SECTION B

Answer any 20questions out of the given 25 questions

(1 x 20 = 20 marks)

7.	An applied science which encompasses all aspects of crop production includin horticulture, livestock rearing, fisheries, forestry, etc. is known as	
	a) Agriculture b) Astronomy	
	c) Natural Science d)Engineering	
8.	In the term "Apiculture", what is the meaning of 'Api' and 'Culture'?	1
0.	a) Silkworm and rearing b) Bee and cultivation	_
	c) Lakh and production d) Livestock and husbandary	
9.	Which country is the largest producer, consumer and exporter of spices and spice	1
Э.	products?	_
	a) China b) Australia	
	c)India d)Germany	
10.	The forecast valid for more than 10 days i.e. a month or a season is known as	1
	a) Long range forecast (LRF) b) Medium range forecast (MRF)	
	c)Short range forecast (MRF) d)Weather forecast	
11.	Which of the following is a range of Photosynthetically Active Radiation (PAR)	1
	essential for production of carbohydrates and ultimately biomass?	
	a) PAR - 0.4 – 0.7μ b) PAR - 0.3-0.6 μ	
	c) PAR - 0.7- 0.9µ d) None of these	
12.	Which of the following greenhouse gas is responsible for maximum man-made	1
	global warming?	
	a) Sulphate b) Carbon dioxide (CO ₂)	
	c) Helium d) Oxyzen	
13.	Branch of Soil Science concerned with origin of the soil, its classification,	1
	distribution and character is referred as	
	a) Edaphology b) Biology	
	c) Pedology d) Chemistry	
14.	According to International Society of Soil Science (ISSS), the Diameter of silt-soil	1
	particle is-	
	a) < 0.002 mm b) 0.002 – 0.02 mm	
	c) 0.02 – 0.2 mm d) 0.2 – 2.0 mm	
15.	An intermediate stage between sheet erosion and gulley erosion is called as	1
	a) Rill erosion b) Gully Erosion	
	c) Slip Erosion d) Stream Bank Erosion	
16.	Exchangeable acidity is referred as	1
	a) The quantity of all bound aluminium and hydrogen in soil minerals.	
	b) The quantity of hydrogen ions that is present in the soil water solution.	
	c)The amount of acid cations, aluminium and hydrogen, occupied on the CEC.	
17.	d) The quantity of helium ions that is present in the soil water solution Which of the following liming material is used for reclamation of acid soils?	1
17.		1
	a) Gypsum (calcium sulphate) b) Calcic limestone (CaCO ₃)	
	c) Sodium sulphate c) Iron Sulphate	
18.	"Jethrotull" is considered as father of which of the following technology?	1
	a) Father of 'tillage' b) Father of water technology	
	c) Father of meteorology d) Father of home science	

19.		1
	"Dee Gee Woo" dwarfing gene belongs to which of the following field crop?	
	a) Mustard b) Soyabean	
	c) Finger millet d) Rice	
20.	Most commonly cultivated species of rice in India is	1
	a) Oryza sativa var. indica b) Oryza sativa var. japonica	
	c) Oryza sativa var. javanica d) Oryza glaberrima	
21.	Which one of the following is known as "National fruit of India"?	1
	a) Banana (<i>Musa</i> sp.) b) <i>Mango (Mangiferaindica</i>)	
	c) Pomegranate (<i>Punica granatum</i>) d) Apple (<i>Malusdomestica</i>)	
22.	Var. "Pusa Ruby" is a variety of which crop?	1
	a) Tomato b) Potato	
	c) Cabbage d) Brinjal	
23.	Gulkand is prepared from-	1
	a) Rose b) Marigold	
	c) Jasmine d) Lilium	
24.	Which of the following is a not seed germination test?	1
	a) Petri dish test b) Peg dol Test	
	c) Towl Test d) Tetra Zolium test	
25.	A blue colour certificate is issued by seed certification agency for which of the following	1
23.	category of seed?	-
	a) Nucleus seed b) Registered seed	
	c) Certified seed d) Breeder seed	
26.	The farm implement designed for weeding and furrowing is	1
_0.	a) Pick Axe b) Pronged Hoes	-
	c) Spade d) Shovel	
27.	Which of the following statement is true for Prokaryotic cells	1
	a) Distinct nucleus, with well-formed nuclear membrane.	
	b) Ribosomes - 70 S	
	c) There is only one chromosome per cell. d) Both b and c	
28.	Chromoplast is a type of which of the following?	1
20.	a) Plastids b) Cytoplasm	
	c) Phagocytosis c) Centriole	
29.	The tendency of genes to be inherited in a group on to the next generation is known as	
	a) Variation b) Linkage	
	c) Gene Interaction d) Heterosis	
30.	Which of the following is a Non-ionizing radiation used in the mutation breeding?	
	a) Ultra violet radiation b) Gamma rays	
	c) Alpha rays d) Beta rays	
	The name and of stone and from four least the four that the standard death and the standard death death and the standard death and the standard death death and the standard death dea	
31.	The removal of stamens from female parent before they burst and shed their pollens is	
	a) Selfing b) Emasculation	
	a) Jennig D) Linasculation	

SECTION C (COMPETENCY BASED QUESTIONS)

Answer any 5 questions out of the given 7 questions

 $(1 \times 5 = 5 \text{ marks})$

32.	Which of the following is not Lac insect Host Plant?	
	a) Buteamonosperma (Palas) b) Zizyphusspp (Ber)	
	c) Cajanuscajan (Pigeon-pea or Arhar) d) Potato (Solanumtuberosum)	
33.	When a new crop is planted in the residues of the previous crop withoutany prior	1
	soil tillage or seed bed preparation and where all the weeds are controlled by the	
	use of herbicides, is known as	
	a) Preparatory tillage b) Inter tillage	
	c) Zero tillage d) Minimum tillage	
34.	"Cell theory" was formulated by	1
	a) Anton Van Leeuwenhoek b) M.J. Schleiden and Theodore Schwann	
	c) Madam Curie d) M. S. Swaminanthan	
35.	Which of the following are double gene dwarf varieties?	1
	a)Kalyan Sona b)Raj-1482	
	c) Both a and b d)Raj-3077	
36.	Which one is correct botanical /scientific name of gladiolus?	1
	a) Rosa hybrida b) Gladiolus x grandiflorus	
	c) Tagetes erecta d) Lilium longiflorum	
37.	All organisms are composed of structural and functional units of life called 'cells' which	1
	was given by Robert Hooke in 1665. The body of some organisms like bacteria, protozoans	
	and some algae is made up of a single cell whereas the body of higher fungi, plants and	
	animals are composed of many cells. Human body is built of about one trillion cells. Cells	
	vary in size and structure as they are specialized to perform different functions.	
	Which of the following statement is correct with respect to above paragraph?	
	a) Anton Van Leeuwenhoek invented the "cell".	
	b) Human body is built of many cells as in case of plants.	
	c) All organisms are not composed of structural and functional units of life.	
	d) The body of bacteria is made up of a multi cells.	
38.	Pollination is the transfer of pollen grain from anthers to stigmas. Pollen from an	1
	anther may fall on the stigma of the same flower leading to self-pollination or auto	
	gamy. There are various mechanisms such as Cleistogamy, Chasmogamy,	
	Homogamy, etc promote self- pollination. Sometimespollen from an anther may	
	fall on the stigma of another flower of different plants leading to cross pollination	
	or allogamy. There are various mechanisms such as Dicliny, Dichogamy, Protandry, etc promote cross- pollination.	
	Which of the following statement is correct with reference to above paragraph?	
	a) Cleistogamy promote cross- pollination in plants	
	b) Dichogamy promote self- pollination in plants	
	c) Transfer of pollen grain from anthers to stigmas is known as pollination	
	d) Pollen fall on the stigma of the same flower leading to cross-pollination	