Total number of printed pages : 2

NB-N/AG(V)

2021

CLASS - IX

## **AGRICULTURE (Vocational)**

Total marks : 50

## **General instructions :**

- *i)* All questions are compulsory except *Q*. nos. 18 to 23 where general option is given.
- *ii)* The question paper consists of 23 questions.
- *iii)* Marks allocated to every question are indicated against it.

## N.B: Check that all pages of the question paper are complete as indicated on the top left side.

<ul> <li>i. The Latin word 'olerus' mean <ul> <li>(a) Fruit</li> <li>(b) Vegetable</li> <li>(c) Flower</li> <li>(d) Root</li> </ul> </li> <li>ii. Which of the following is not a part of the seed? <ul> <li>(a) Seed coat</li> <li>(b) Cotyledon</li> <li>(c) Embryo</li> <li>(d) Ovary</li> </ul> </li> <li>iii. The height of the raised beds from the ground level is <ul> <li>(a) 5-10 cm</li> <li>(b) 10-15 cm</li> <li>(c) 15-20 cm</li> <li>(d) 20-25 cm</li> </ul> </li> <li>iv. By nature, lateritic (laterite) soil is <ul> <li>(a) acidic</li> <li>(b) alkaline</li> <li>(c) saline</li> <li>(d) neutral</li> </ul> </li> <li>v. Solanaceous vegetable crops are also known as <ul> <li>(a) warm season crop</li> <li>(b) cool season crop</li> <li>(c) temperate season crop</li> <li>(d) all seasons crop</li> </ul> </li> <li>vi. What is Molybdenum (Mo) in plant necessary for? <ul> <li>(a) Protein synthesis</li> <li>(b) Chlorophyll</li> <li>(c) Photosynthesis</li> <li>(d) Nitrogen fixation</li> </ul> </li> <li>vii. When is the best time to apply organic manure? <ul> <li>(a) Poorly designed tools</li> <li>(b) machineries</li> <li>(c) chemicals</li> <li>(d) electricity</li> </ul> </li> <li>viii. Ergonomic hazards are caused by <ul> <li>(a) poorly designed tools</li> <li>(b) machineries</li> <li>(c) chemicals</li> <li>(d) electricity</li> </ul> </li> <li>viii. Which of the following is a positive facial expression? <ul> <li>(a) Staring hard</li> <li>(b) Wrinkled forehead</li> <li>(c) Nodding while listening</li> <li>(d) Listening with the mouth wide open</li> </ul> </li> <li>x. Which of the following is an example of renewable renergy</li> <li>(c) CNG</li> <li>(d) Petroleum</li> </ul>	1.	Cho	ose the correct answer from	the giv	en alternatives: 10x1=1		
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	х.						
(c) CNG (d) Petroleum		· · /		` '			
		(c)	CNG	(d)	Petroleum		

Time : 2 hours

Ans	wer the following questions in one word or one sentence:			
2.	Write the meaning of the Latin word <i>'hortus'</i> and <i>'cultura'</i> .	1		
3.	What is seed?	1		
4.	What is the recommended spacing required for transplanting potato?	1		
5.	What is staking?	1		
6.	What does FYM stand for?	1		
7.	What is hazard?	1		
8.	What is non-verbal communication?	1		
9.	Write the full form of GPS.	1		
Ans	wer the following questions in 20-50 words:			
10.	Write any two importance of horticulture.	2		
11.	Why do we raise nursery in pro-trays?	2		
12.	What is a black soil? Write the PH of black soil.	1+1=2		
13.	What is transplanting? Give example.	1+1=2		
14.	What is manure? Write any one advantage of organic manure.	1+1=2		
15.	What are macro and micro nutrients?	2		
16.	Mention any two farm safety and protective devices and write their uses.	1+1=2		
17.	List any four characteristics of entrepreneurship.	2		
Ans	wer any four from the following questions in 60-100 words:			
18.	Briefly explain the different branches of horticulture.	4		
19.	Explain the importance of vegetables in human diet.	4		
20.	What is a nursery bed? State any three benefits of nursery bed.	1+3=4		
21.	Briefly describe the method of vermicompost preparation. Write any one			
	application of vermicompost.			
22.	Differentiate between the following:	2+2=4		
	<ul><li>a) Natural and manmade disaster</li><li>b) Chemical and biological disaster</li></ul>			
23.	What is self management? List any four self management skills.	2+2=4		
<i>23</i> .	what is sen munugement. List any rour sen munugement skins.			