Seat No.

Time: 1½ Hours AGRICULTURE (PADDY CULTIVATION)

Subject Code

(NSQF)

S 0 8 1

Total No. of Questions: 3

(Printed Pages: 7)

Maximum Marks: 30

INSTRUCTIONS : (*i*) Answer each question on a fresh page.

- (ii) Write the question number and sub-question number clearly.
- (iii) All questions are compulsory.
- (iv) Figures to the right indicate full marks.
- 1. (A) Choose and write the *correct* alternative from the options given below : $\frac{1}{2} \times 6 = 3$
 - (i) Cereals are rich in
 - (a) Carbohydrates
 - (b) Oil
 - (c) Protein
 - (d) None of the above

(ii)	is a primary nutrient.					
	(a)	Calcium				
	(<i>b</i>)	Magnesium				
	(c)	Sulphur				
	(d)	Potassium				
(iii)	First	First insecticide 'DDT' was developed by				
	(a)	Jethro Tull				
	(b)	Paul Muller				
	(c)	Gregor Mendel				
	(d)	Louis Pasteur				
(iv)	Richel Carson wrote a book named					
	(a)	Noisy spring				
	(b)	Horse hoeing husbandry				
	(c)	Silent spring				
	(d)	Roses of India				

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	(<i>v</i>)	Manipulation of agronomic practices for reducing or avoiding			
		pest	damage to the crop is known as	control	
		method.			
		(a)	Mechanical		
		(b)	Cultural		
		(c)	Biological		
		(<i>d</i>)	Chemical.		
	(vi)	Which	n of the following is a trap crop?		
		(a)	Marigold		
		(b)	Jasmine		
		(c)	Dahlia		
		(<i>d</i>)	All of the above		
(B)	Answ	er the	following questions in one sentence each:	1×3=3	
	(i)	What is soil solarisation?			
	(ii)	Who is Predator ?			
	(iii)	What	do you mean by fumigation ?		
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	(C)	Answ	er the	following questions in two sentences:	2×2=4
		(i)	What	are the preventive methods of weed control ? (An	y four)
		(ii)	What	do you mean by drainage and state its importan	ice ?
2.	(A)	Choo	se and	d write the <i>correct</i> alternative from the options	given
		below	v :		½×6=3
		(i)	Drip	irrigation is also known as irrigati	on.
			(a)	Trickle	
			(b)	Sprinkler	
			(c)	Overhead	
			(d)	Furrow	
		(ii)	Supp	ly of nutrient to crops through irrigation wa	iter is
			called	l	
			(a)	Fertilization	
			(b)	Fusion	
			(c)	Fertigation	
			(d)	Fuming	

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(iii)	is considered to be poor man's cow.				
	(a)	Buffalo			
	(b)	Sheep			
	(c)	Goat			
	(<i>d</i>)	Yak			
(iv)		is the process of cutting fodder into small pieces.			
	(a)	Soaking			
	(b)	Grinding			
	(c)	Chaffing			
	(<i>d</i>)	Alkali treatment			
(v)	Rice 1	pelongs to the family.			
	(a)	Leguminosae			
	(b)	Poaceae			
	(c)	Fabaceae			
	(d)	Asteraceae			

		(vi)	•••••	develops and grows into roots.	
			(a)	Coleoptile	
			(b)	Plumule	
			(c)	Seed coat	
			(<i>d</i>)	Radicle	
	(B)	Answe	er the	following questions in one line:	1×3=3
		(<i>i</i>)	What	is Micro Irrigation ?	
		(ii)	What	is Pressure Gauge in micro irrigation system?	
		(iii)	What	do you mean by disease in animals?	
	(C)	Answe	er the	following questions in two sentences:	2×2=4
		(i)	What	are the safety measures to be taken to make farm	n safer
			place	to work ?	
		(ii)	What	are the benefits of good quality seeds?	
3.	(A)	Answe	er the	following:	1×3=3
		(i)	What	are the characteristics of ketosis?	
		(ii)	What	is Green Manure ?	
		(iii)	Name	any two Biofertilizers used in Paddy field.	
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(i)Explain the following methods of animal identification: **Tattooing** (a) (*b*) Ear tagging Branding (c) Ear notching (*d*) State the preventive measures for control of bacterial and viral (ii)diseases in farm animals. (C) Answer the following question: $1 \times 3 = 3$

Explain the process of converting raw seeds to finally tagged seeds

 $2 \times 2 = 4$

Answer the following questions:

yield with the help of flow diagram.

(B)

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