Seat No:_____

PARUL UNIVERSITY COLLEGE OF AGRICULTURE

Enrollment No:____

COLLEGE OF AGRICULTURE	
B Sc (Hons) Agriculture Winter 2018 - 10 Exeminati	on

emester: 3 ubject Code: 20101202	Date: 23/10/2018 Time: 10.30 am to 1.00 pm	
ubject Code: 20101202 ubject Name: Organic Farming	Total Marks: 60	
nstructions		
. All questions are compulsory.		
. Figures to the right indicate full marks.		
. Make suitable assumptions wherever necessary	Ι.	
. Start new question on new page.		
Q.1 Do as Directed.		(1.0)
A. Fill in the blanks. (Each of 1.00 marks)	s the source of energy for microbes which helps in	(10)
aggregation.	s the source of energy for interobes which helps in	
	of the soil which may become acidic due to	
continuous use of chemical fertilizers.	si the son which may become delate due to	
	a under organic farming out of cultivated area.	
	ng are, and	
5farming is based on ec		
	n of crop and live stock production on the farm.	
	time their own weight of material daily.	
	eed in transplanting paddy is	
9. The solid portion in sewage is called		
10. The excreta and dead remains of th		
B. Multiple choice type questions. (Each of		(10
1. The most adverse effect on Indian ag		(10
a) GRT	c) WHO	
b) WTO	d) FAI	
2State is popularizing for o		
a) Tamilnadu	c) Gujarat	
b) Maharashtra	d) Karnataka	
3. The watch word and slogan of organ	nic farming is	
a) Feed the soil	c) Feed the plant	
b) Feed the animal	d) All of these	
4. Thein the organic matter is	s the source of energy for microbes which helps in	
aggregation.		
a) Nitrogen	c) Carbon	
b) Humus	d) Iron	
5 are considered as complete	plant food.	
a) Inorganic fertilizers	c) Organic fertilizers	
b) Bio-fertilizers	d) All of these	
6. The essential concept of organic far	ming practices is	
a) Give back to soil	c) Take from nature	
b) Give back to nature	d) All of these	
7Country represent the hig	shest % area under organic farming out of cultivated	
area.		
a) Austria	c) China	
b) Australia	d) USA	
	wed to combat both pests and diseases, in organic	
system.		
a) Cosmic	c) Thermic	
b) Dynamic	d) None of these	

9	greenmanuring crop suitabl	e for lowland rice field.	
a)	Dhaincha	c) Sunnhemp	
b)) Cowpea	d) Clusterbean	
	he non economic plant parts that are left	in the soil is known as .	
	Mulching	c) Composting	
) Crop residues	d) Incorporation	
Q.2 Do as	*		
-	e the following. (Any five)		(05)
	ganic farming		
	p rotation		
	logical INM		
	itu green manuring		
5. Cor	ncentrated organic manure		
6. Far	m yard manures		
7. Ver	rmicomposting		
	er the following. (Any Five)		(05)
1. Wri	ite down the ill effect of green revolution tech	nology.	
	ve reason. Fresh poultry manure is not recomm	nended for direct application.	
	ist the mineral soil amendments.		
	ntion the steps for conversion to organic farm		
	ite down the advantages of biological control	of disease and pest management.	
	ential characteristics of organic farming.		
			(15)
		i-edible oil cake	
		κτ Ντ 1 · .· ·· .·	
	•	•	
		-	(15)
			(15)
7. Cha Q.3 Write 1. Co 2. Di 3. Di 4. W 5. Di 6. Di 0.4 Attem 1. Di 2. Di 3. Di	aracteristics of green manure crops e short notes. (Any five) onstraints/limitations of organic farming in In ifferentiate: Organic farming Vs Con	ndia. ventional farming n-edible oil cake Vs Non-symbiotic nitrogen fixation Concentrated organic manure ganisms management in organic farming	(15)

Discuss the non-chemical approaches for weed management in 4.
Discuss the cultural methods for disease and pest management.