Seat No:\_\_\_\_\_ Enrolment No:\_\_\_

## PARUL UNIVERSITY

## COLLEGE OF AGRICULTURE

## B.Sc.(Hons.)Agriculture Summer 2017 - 18 Examination

Semester: 1 Date: 12/06/2018

Subject Code: 20101104 Time: 02:00 pm to 04:30 pm

Subject Name: Agriculture Heritage Total Marks: 60

z azjete i n		100011120100		
Instruction				
•	tions are compulsory.			
	to the right indicate full marks.			
	itable assumptions wherever necessa	ry.		
	w question on new page.			
-	as Directed.	N	(4.0)	
	Fill in the blanks. (Each of 1 marks		(10)	
		annual rain fall less than 750 mm infarming.		
2.	•	gions with annual rain fall 750 - 1150 mm		
	infarming.			
3.	Ţ	rvation practices are necessary for crop production however,		
	adequate drainage is required especially for			
4.	Delayed sowing lead to	crop yields.		
5.	Vertisols soil commonly called assoil.			
6.	Inceptisols and Entisols commonly	y termed assoils.		
7.	Only a single crop or variety gro	own alone in a pure stand at normal density during one		
	farming year is called			
8.	Continuous production of one and	d the same crop year after year or season after season is		
	called			
9.		a crop with regrowth coming out of roots or stalks after		
	harvest of the crop.			
10	. The space between two rows called	·		
<b>B.</b> I	Multiple choice type questions. (Eac	ch of 1 mark)		
1.	In dry farming growing period is	·	<b>(10)</b>	
	a) Less than 750 mm	c) 750 to 1150 mm		
	b) More than 750 mm	d) more than 1150 mm		
2.	In dry land farming growing period	is		
	a) Less than 75 days	c) More than 120 days		
	b) 75-120 days	d) All		
3. Farming system consists of several enterprises like				
	a) Dairying	c) Poultry		
	b) Piggery	d) All		
4.	Subsistence is important objective of			
	a) Mixed	c) Mono		
	b) Sole	d) All		
5.		duration especially at critical stages for soil moisture		
	stress leads to reduction in yield.			
	a)15 days	c) 7days		
	b)5 days	d) 10 days		
6	•	•		
0.		years has been extremely beneficial in shallow red soils of		
	Anantapur (AP).	2) 5 4 2 6		
	a) 2 to 3	c) 5 to 6		
=	b) 4	d) 7		
7.	-	of covering the soil surface with organic materials such as		
	straw, grass, stones, plastics etc.	) P. I		
	a) Mulching	c) Relay		
	b) Tillage	d) Conservation		

	8.	cropping refers to planting of the succeeding crop before harvesting the						
		preceding crop.						
		a) Mono	c) Relay					
		b) Multi	d) Conservation					
	9.	It is a practice of growing intercrops in the fodder.	formed by hedge row plants –perennial					
		a) Alleys	c) Mono					
		b) Multi	d) Ratoon					
	10	cultivation is effective	e in reducing soil and water loss.					
		a) Contour	c) Mixing					
		b) Shifting	d) none					
<b>Q.2</b>	Do	as Directed.						
	A.	A. Define the following. (Any five)						
	1.Paleolithic age							
	2.	. Mesolithic period						
	3.	.Panchang						
	4.	Quarantine						
	5.	Vector						
	6.	6. Eradication						
	7.	Dry land Agriculture						
	B. Answer the following. (Any five)							
	1.	1. Write down important quotations about the cultivation were mention in Krishi Parashara						
	books.							
	2.	2. Give the significant features of bronze age.						
	3.	Write down the main features of Neolithic culture in India.						
	4.	Write down about Krishi-Panchang.						
	5. Give any five names of ancient available documents in which mentioned about the importance of agriculture and agril. Practices.							
	6.	<ul><li>6. Write down benefits of integrated farming system.</li><li>7. Write down the types of cropping systems and explain.</li></ul>						
	7.							
Q.3	Wı	rite short notes. (Any five)		(15)				
	1. Write down the principles of successful intercropping.							
	2.	Explain the vagaries of monsoon problems of dryland agriculture.						
	3.	3. Explain Moisture Conservation techniques in Dryland.						
	4. Write down the mitigating Adverse Effect of Aberrant Weather.							
	5.	Neolithic Agricultural Revolution						
	6.	Iron age						
<b>Q.4</b>	Lo	ng questions. (Any three)		(15)				
	1.	Write down alfisols soil problems relating to cr	op production.					
	2.	Mono cropping and its problems.						
	3.	Intensive cropping (Multiple cropping)						
		Intercropping						