

S.NO	MCQ	Instructions (Choose the correct answer)		
1.		The total amount of the water used in ET plus water used in metabolic activities by a crop during a single day or 24-hours period		
	a)	Consumptive use		
	b)	Seasonal consumptive use		
	c)	Daily consumptive use	YES	
	d)	Effective rainfall		
2.		Spirit burning method the result can be obtained in _____		
	a)	>10 minutes	YES	
	b)	<15 minutes		
	c)	>5 minutes		
	d)	<20 minutes		
3.		The moisture held in the soil against gravity may be described in terms of _____		
	a)	Saturation		
	b)	Infiltration		
	c)	Percolation		
	d)	Moisture tension	YES	
4.		The soil moisture characteristic curve are determined in the laboratory by using		
	a)	Neutron probe		
	b)	Tensiometer		
	c)	Pressure membrane apparatus	YES	
	d)	None of these		
5.		_____The quantity of water taken up by the crop during its crop life to produce a unit quantity of the output i.e., crop yield		
	a)	Effective rainfall		
	b)	water use efficiency measures	YES	
	c)	Consumptive use		
	d)	Both a and b		
6.		The interception and utilization of solar radiation and also improves WUE by which direction of sowing		

	a)	East west direction		
	b)	North south orientation	YES	
	c)	Both a and b		
	d)	None of the above		
7.		Which of the following is not C4 plants		
	a)	Maize		
	b)	Sorghum		
	c)	Sugarcane		
	d)	Barley	YES	
8.		Fertigation is a process in _____ irrigation		
	a)	Drip irrigation	YES	
	b)	Centre pivot		
	c)	Sprinkler		
	d)	Surface		
9.		The removal of excess water either from the ground surface or from the root zone, is called		
	a)	Surface Drainage		
	b)	Drainage	YES	
	c)	Subsurface drainage		
	d)	All of the above		
10.		Water utilizable by plants is available in soils mainly in the form of_____		
	a)	capillary water	YES	
	b)	chemical water		
	c)	gravity water		
	d)	hygroscopic water		
11.		The field water efficiency of trickle irrigation is		
	a)	80-90%	YES	
	b)	60-70%		
	c)	50-55%		
	d)	55-85%		
12.		A current meter is used to measure the _____		

	a)	velocity of flow of water	YES	
	b)	depth of flow of water		
	c)	discharge		
	d)	none of the above		
13.		India showed that sprinkle method can save water to the extent of _____ compared to surface irrigation		
	a)	20%		
	b)	30 %	YES	
	c)	50 %		
	d)	80%		
14.		Which irrigation method can effectively reduce frost damage		
	a)	Flooding		
	b)	Check basin		
	c)	Border strip		
	d)	Sprinkler	YES	
15.		The field is divided into a number of long parallel strips		
	a)	Ring basin method		
	b)	border method	YES	
	c)	Furrow method		
	d)	Both b and c		

S.No.	TXT	Instructions (Fill in the Blanks)		
1		Field without any bunds to guide the flow of water wetting the soil surface completely know as..... <b>uncontrolled flooding</b>		
2		.....lateral movement of water through soil pores in the soil profile under unsaturated condition. <b>Seepage</b>		
3		.....refers to the ratio of a given mass of an oven dried soil to that of its field volume. <b>Bulk density</b>		
4		Drip irrigation also called as..... <b>Trickle irrigation</b>		
5		Tensiometer Measurements limited..... to only. <b>0.8 bars</b>		

S.No.	MATCH	Left side	Right side	
1				
	1	Clay soils	High water holding capacity	
	2	Sandy soils	Frequent irrigation	
	3	Double ring infiltrometer	Infiltration rate of soil	
	4	Soil core sampler	Bulk density	
	5	Weirs	Measuring water flow through channel	