

Team Name / Additional Info

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[illegible]

Part 2 - Recommended Land Treatments					
VEGETATIVE TREATMENTS					
1	Occasional soil conserving crop rotation	1	2	3	4
		Y N	Y N	Y N	Y N
2	Frequent soil conserving crop rotation	Y N	Y N	Y N	Y N
3	Return crop residue to the soil	Y N	Y N	Y N	Y N
4	Practice no-till / reduce tillage	Y N	Y N	Y N	Y N
5	Establish vegetation / tree wind barriers	Y N	Y N	Y N	Y N
6	Establish recommended grasses / legumes	Y N	Y N	Y N	Y N
7	Use proper pasture & range management	Y N	Y N	Y N	Y N
MECHANICAL EROSION TREATMENTS					
8	Diversion terraces	1	2	3	4
		Y N	Y N	Y N	Y N
9	Farm on contour	Y N	Y N	Y N	Y N
10	Terrace and farm on the contour	Y N	Y N	Y N	Y N
11	Establish grass waterway	Y N	Y N	Y N	Y N
FERTILITY TREATMENTS					
12	Manure	1	2	3	4
		Y N	Y N	Y N	Y N
13	Nitrogen (N)	Y N	Y N	Y N	Y N
14	Phosphorus (P)	Y N	Y N	Y N	Y N
15	Potassium (K)	Y N	Y N	Y N	Y N

Answer all factors all sites - 15 marks per site!

Part 1 - Soil Factors		Soil Factor				One answer per site
		1	2	3	4	
	TOPSOIL TEXTURE	1	2	3	4	
	1 Coarse	1	2	3	4	One answer per site
	2 Moderately Coarse	1	2	3	4	
	3 Medium	1	2	3	4	
	4 Moderately Fine	1	2	3	4	
	5 Fine	1	2	3	4	
	SUBSOIL TEXTURE	1	2	3	4	
	1 Coarse	1	2	3	4	One answer per site
	2 Moderately Coarse	1	2	3	4	
	3 Medium	1	2	3	4	
	4 Moderately Fine	1	2	3	4	
	5 Fine	1	2	3	4	
	SOIL DEPTH	1	2	3	4	
	1 Deep	1	2	3	4	One answer per site
	2 Moderately Deep	1	2	3	4	
3 Shallow	1	2	3	4		
4 Very Shallow	1	2	3	4		
PAST EROSION	1	2	3	4		
1 Deposition	1	2	3	4	One answer per site	
2 None to Slight	1	2	3	4		
3 Moderate	1	2	3	4		
4 Severe	1	2	3	4		
SLOPE	1	2	3	4		
1 Depression	1	2	3	4	One answer per site	
2 Nearly Level	1	2	3	4		
3 Gently Sloping	1	2	3	4		
4 Moderately Sloping	1	2	3	4		
5 Strongly Sloping	1	2	3	4		
6 Steep	1	2	3	4		
7 Very Steep	1	2	3	4		
STONINESS	1	2	3	4		
1 None to Slight	1	2	3	4	One answer per site	
2 Moderate	1	2	3	4		
3 Excessive	1	2	3	4		

PERMEABILITY				
1	2	3	4	
1 Rapid	(1)	(2)	(3)	(4)
2 Moderate	(1)	(2)	(3)	(4)
3 Slow	(1)	(2)	(3)	(4)
4 Very Slow	(1)	(2)	(3)	(4)
SURFACE RUNOFF				
1	2	3	4	
1 Rapid	(1)	(2)	(3)	(4)
2 Moderate	(1)	(2)	(3)	(4)
3 Slow	(1)	(2)	(3)	(4)
4 Pondered	(1)	(2)	(3)	(4)
MAJOR FACTORS				
1	2	3	4	
1 Texture	(Y) (N)	(Y) (N)	(Y) (N)	(Y) (N)
2 Depth	(Y) (N)	(Y) (N)	(Y) (N)	(Y) (N)
3 Erosion	(Y) (N)	(Y) (N)	(Y) (N)	(Y) (N)
4 Slope	(Y) (N)	(Y) (N)	(Y) (N)	(Y) (N)
5 Water Table	(Y) (N)	(Y) (N)	(Y) (N)	(Y) (N)
6 Stoniness	(Y) (N)	(Y) (N)	(Y) (N)	(Y) (N)
7 Permeability	(Y) (N)	(Y) (N)	(Y) (N)	(Y) (N)
8 Runoff	(Y) (N)	(Y) (N)	(Y) (N)	(Y) (N)
9 Climate	(Y) (N)	(Y) (N)	(Y) (N)	(Y) (N)
LAND CAPABILITY				
1	2	3	4	
1 Class I	(I)	(I)	(I)	(I)
2 Class II	(II)	(II)	(II)	(II)
3 Class III	(III)	(III)	(III)	(III)
4 Class IV	(IV)	(IV)	(IV)	(IV)
5 Class V	(V)	(V)	(V)	(V)
6 Class VI	(VI)	(VI)	(VI)	(VI)
7 Class VII	(VII)	(VII)	(VII)	(VII)
8 Class VIII	(VIII)	(VIII)	(VIII)	(VIII)