MM (Ag) in saills water comsevation 17P/305/25 code No. (702)

		Questi	on Booklet No
(7	To be filled up by the ca	ndidate by blue/black	ball-point pen)
Roll No.			
Roll No. (Write the digits in we	ords)	247_	217
Serial No. of OMR A	nswer Sheet		
Day and Date			(Signature of Invigilator)

INSTRUCTIONS TO CANDIDATES

(Use only blue/black ball-point pen in the space above and on both sides of the Answer Sheet)

- Within 30 minutes of the issue of the Question Booklet, check the Question Booklet to ensure that it
 contains all the pages in correct sequence and that no page/question is missing. In case of faulty
 Question Booklet bring it to the notice of the Superintendent/Invigilators immediately to obtain a fresh
 Question Booklet.
- Do not bring any loose paper, written or blank, inside the Examination Hall except the Admit Card without its envelope.
- 3. A separate Answer Sheet is given. It should not be folded or mutilated. A second Answer Sheet shall not be provided. Only the Answer Sheet will be evaluated.
- 4. Write your Roll Number and Serial Number of the Answer Sheet by pen in the space provided above.
- 5. On the front page of the Answer Sheet, write by pen your Roll Number in the space provided at the top, and by darkening the circles at the bottom. Also, wherever applicable, write the Question Bookiet Number and the Set Number in appropriate places.
- No overwriting is allowed in the entries of Roll No., Question Booklet No. and Set No. (if any)
 on OMR sheet and also Roll No. and OMR sheet No. on the Question Booklet.
- 7. Any change in the aforesaid entries is to be verified by the invigilator, otherwise it will be taken as unfair means.
- 8. Each question in this Booklet is followed by four alternative answers. For each question, you are to record the correct option on the Answer Sheet by darkening the appropriate circle in the corresponding row of the Answer Sheet, by ball-point pen as mentioned in the guidelines given on the first page of the Answer Sheet.
- 9. For each question, darken only one circle on the Answer Sheet. If you darken more than one circle or darken a circle partially, the answer will be treated as incorrect.
- 10. Note that the answer once filled in ink cannot be changed. If you do not wish to attempt a question, leave all the circles in the corresponding row blank (such question will be awarded zero mark),
- 11. For rough work, use the inner back page of the title cover and the blank page at the end of this Booklet.
- 12. Deposit only the OMR Answer Sheet at the end of the Test.
- 13. You are not permitted to leave the Examination Hall until the and of the Test.
- 14. If a candidate attempteenme and response to the University may करिया आवरण-पृष्ठ पर दिये गए हैं]
 [अपर्युक्त निर्देश हिन्दी में अन्तिम आवरण-पृष्ठ पर दिये गए हैं]
 Total No. of Printed Pages ! 21







ROUGH WORK रफ़ कार्य





Mr. (Ag) im Sail & quader compration code no

17P/305/25



No. of Questions: 120

Tim	e:2 Hou	ড]		•		[Full Marks: 360
No		marks.	One mark wi	ll be a		ion carries 3 (Three) incorrect answer. uestion.
			than one alter			approximate to the
1.		7	nism that is co	nsidere	d most important as	an indicator of soil
	quality i		(2) Fungi		(3) Actinomycetes	(4) Algae
2.	Among	the four	which is an ess	ential n	nicronutrienț require	ed for plant growth?
	(1) Alur	ninium	(2) Cobalt	2	(3) Nickel	(4) Copper
3.	On an a	verage, t	he nitrogen cor	ntent of	well decomposed F	YM in India is:
	(1) 0.3	p.c.	(2) 0.5 p.c.		(3) 0.7 p.c.	(4) 0.9 p.c.
4.			moisture conte		oil can be computed	d by multiplying the
	(1) Part	icle dens	sity		(2) Bulk density	
	(3) Por	osity		•	(4) Void ratio	
			-	(1)		(Turn Over)



	5.	Which is the mos	t widely prevalent cla	y mineral in Indo-Ga	ingetic alluvial soil?	
		(1) Kaolinite	5.1 9.1	(2) Montmorilloni	te	
		(3) Illite		(4) Vermiculite		
	6.	Technology in wi	hich plants are grown	without soil is know	n as :	
		(1) Sand Culture		(2) Media Culture		
		(3) Hydroponics		(4) Biotechnology	•	
	7.	Which of the foll	lowing element plays	a role in biological	nitrogen fixation?	
		(1) Copper	(2) Zinc	(3) Boron	(4) Molybdenum	
	8.	Net immobilizati	ion of nitrogen occur	s when C: N ratio of	forganic matter is:	
		(1) <20:1	(2) 20-30:1	(3) >30:1	(4) >300:1	
-60	9.	What is the lowest unit of soil classification?				
	,	(1) Family	(2) Type	(3) Phase	(4) Series	
	10.	Which process is	responsible for accu	mulation of materia	ls in B horizons?	
		(1) Eluviation	(2) Illuviation	(3) Carbonation	(4) Oxidation	
	11.	The ground water table depth is measu		ired by:		
		(1) Gypsum bloc	:k	(2) Piezometer	¥.	
		(3) Neutron prob	oe	(4) Odometer		
			(2)	(Continued)	



12.	Mycorrhiza is	associated with:			
	(1) Stem	(2) Leaf	(3) Root	(4) Flower	
13.	Which of the f	ollowing is an activ	e factor of soil formati	on?	
	(1) Parent mat	erial	(2) Climate		
	(3) Time		(4) Relief		
14.	Which of the fo	ollowing elements h	as highest concentration	on in earth's crust?	
	(1) Iron	(2) Silicon	(3) Magnesium	(4) Calcium	
15.	Sticking of two	different nature of	particles is called:	•	
	(1) Flocculation		(2) Cohesion		
	(3) Defloccula	tion .	(4) Adhesion		
16.	Which of the following soil order is not found in India?				
	(1) Mollisol	(2) Vertisol	(3) Gellisol	(4) Inceptisol	
17.	The size of silt	particles in ISSS sy	stem is:		
	(1) 2 mm to 0.2 mm		(2) 0.2 mm to 0.0	2 mm	
	(3) 0.02 mm to	0.002 mm	(4) < 0.002 mm		
18.	Which of the following is a metam		orphic rock?		
	(1) Sandstone	(2) Dolomite	(3) Granite	(4) Gneiss	
		(3)	(Turn Over)	



19.	The major cation	causing defloccula	ting of soil is:		
	(1) Na ⁺	(2) K ⁺	(3) Ca+	(4) Mg ⁺	
20.	Weight of one he	ectare furrow slice o	f root zone depth (15	cm) of soil is about:	
	(1) $2 \times 10^6 \text{ kg}$	(2) $1.5 \times 10^6 \text{ kg}$	(3) $20 \times 10^6 \mathrm{kg}$	(4) $15 \times 10^6 \text{ kg}$	
21.	Neutron probe is	used for determina	tion of:	•	
	(1) Soil moistur	e	(2) Leaf moisture		
	(3) Soil texture		(4) Soil temperate	ure	
22.	22. Stokes' law suggests the rate of fall of particle is directly proportional to the square of:				
	(1) density of th	e particle	(2) density of the	fluid	
	(3) viscosity of	the medium	(4) radius of the p	particle	
23.	The process of p	odzolization takes p	lace in :		
	(1) warm humid	climate	(2) cold humid climate		
	(3) arid climate		(4) semi-arid climate		
24.	Physical conditi	on of soil in relation	to plant growth is ca	alled:	
	(1) Tillage	(2) Tilth	(3) Mulch	(4) Terracing	
25.	Soil pH is meas	ured by making soil	: water suspension in	the ratio of:	
	(1) 1:10	(2) 1:2.5	(3) 1:5	(4) 1:1	
			4)	(Continued)	



26.	Plant available water in soil is:					
	(1) 0 to -20 be	ar .	(2) -1/3 to -15 b	ár		
	(3) -1 to -15	bar	(4) -1/3 to -20 b	ar		
27.	Lime is used as	an amendment to re	claim :			
	(1) sodic soils		(2) acid soils			
	(3) calcareous	soils	(4) saline soils			
28.	The smallest ve	olume of soil that can	be recognized as a so	il individual is called		
	(1) Pedon	(2) Polypedon	(3) Soil Profile	(4) Soil Horizon		
29.	Phosphorus is taken by plants in the form of:					
	(1) H ₃ PO ₄	(2) PO ₄ -	(3) H ₂ PO.	(4) P**		
30.	The logarithm	f the negative press	re head in centimeter	height of water is:		
	(1) pF	(2) pH	(3) Eh	(4) Gh		
31.	The process of biological conversion of ammonia into nitrate is known as:					
	(1) ammonifica	tion	(2) nitrification	and the second		
	(3) humification	n .	(4) denitrification			
2.	Ammonia is transformed to nitrate in		i the seil by:	·" · · · · · · · · · · · · · · · · · ·		
	(1) fungi	(2) algae	(3) bacteria	(4) earthworms		
	•	(3)	(Turn Over)		



33.	The C: N ratio of	f a normal mineral	cultivated soil is:		
	(1) 6 to 8	(2) 10 to 12	(3) 14 to 16	(4) 18 to 20	
34.	The ESP of sodio	soil is:			
	(1) less than 15		(2) more than 10		
	(3) more than 5		(4) more than 15		
35.	The 2:2 type of mineral is the characteristics of:				
	(1) Vermiculite		(2) Chlorite	•	
	(3) Montmorillo	nite	(4) Illite		
36.	Gypsum is used a	is amendment for	the reclamation of:		
	(1) saline soil	•	(2) sodic soil		
	(3) calcareous se	oil .	(4) acid sulphate	soil	
37.	Saline soils have	the characteristic	s of:		
	(1) EC > 4 mmh	os/cm, pH > 8.5 ar	nd ESP > 15		
	(2) EC < 4 mmh	os/cm, pH > 8.5 aa	nd ESP > 15	•	
		nos/cm, pH < 8.5 ar			
		nos/cm, pH < 8.5 ar			
	(4) 150		(6)	(Continued)	

*



38.	The working ra	ange of soil tensiome	ter is :	•
	(1) 0-1.0 bar	(2) 0-0.85 bar	(3) 0-1.85 bar	(4) 0-1.5 bar
39.	The Rhizobium	is:		
	(1) known to f	ix nitrogen in cereals		
	(2) a fungus th	at symbiotically fixes	nitrogen in legumes	1
	(3) a bacteria f	ound in roots of sugar	rcane	•
	(4) known to fi	ix nitrogen in roots of	legumes	
40.	Which of the fe	ollowing is not essent	ial for plants?	
	(1) Calcium	(2) Molybdenum	(3) Iodine	(4) Chlorine
41.	Soils containing	g high organic matter	fiormally have:" ""	- Page for
	(1) light colour		(2) red colour	
	(3) dark-brown	colour	(4) yellow colour	Γ
42.	Sandstone and	limestone are example	es of:	
	(1) sedimentary	rocks	(2) igneous rocks	3
	(3) metamorph	ic rocks	(4) mixed rocks	
13.	The highest uni	t of soil classification	in soil taxonomy is	:
	(!) Order	(2) Great group	(3) Family	(4) Series
	*	***		(Turn Over)



44.	Major plant usab	le water in soils	is:	
	(1) capillary		(2) gravitational w	ater
	(3) hygroscopic	water	(4) lattice water	
45.	A soil having ava	ilable P of 30 kg	ha will be rated as:	
	(1) high	(2) medium	(3) low	(4) very low
16. Content of organic matter in a typical mineral soil on volume basis:				me basis :
	(1) 2%	(2) 10%	(3) 15%	(4) 5%
47. The property that is not affected by the amount of org				matter in the soil is:
	(1) Cation excha	nge capacity	(2) Soil texture	
	(3) Biological ac	tivity .	(4) Soil structure	
18.	Percentage of nit	rogen in diammo	onium phosphate (DAP)	is:
	(1) 21%	(2) 18%	(3) 46%	(4) 60%
49.	Neutron moistur	e meter is not su	itablé in :	
	(1) waterlogged	soil	(2) acid soil	
	(3) alkaline soil		. (4) organic soil	
			(8)	(Continued)



50.	50. Micronutrient contents in soils are measured by which instrument?			trument?
	(1) Atomic abso	rption spectrophotor	neter	260
	(2) Flame photos	meter		
	(3) Colorimeter			
	(4) Conductivity	meter		
51.	Which of the foll	owing element helps	to prevent lodging in	plants?
	(1) Nitrogen	(2) Phosphorus	(3) Sulphur	(4) Potassium
52.	Which of the foll	owing is most popul	ar zinc fertilizer?	
	(1) zinc sulphate		(2) zinc carbonate	
	(3) zinc chloride	,	(4) zinc EDTA	
53.	Factor for conver	ting organic carbon	into organic matter is	:
	(1) 1.724	(2) 1.921	(3) 2.724	(4) 2.921
54.	High analysis fert	ilizers are those :		
	(1) which require	high cost of analysis	gern have take to be a	
	(2) which require	lightevelundysis p	rocedure	
٠	(3) which contain	high percentage of n	utrient element	
	(4) whose analysis	give higher percen	tage of nutrient han a	ctual content
			- 1	(Turn Over)
				(Ter)



55.	Which chemicals are not used as amendments for reclaiming the alkali soils?					
	(1) Gypsum	(2) Pyrites	(3) Sulphur	(4) Limestone		
56.	Under what confrom soil?	dition denitrifica	ation is a major mech	anism of nitrogen loss		
	(1) Well drained	l soil	(2) Fallow land			
	(3) Submerged s	soil	(4) Pasture land			
57.	The Indian Instit	tute of Soil Scien	ce is situated at :			
	(1) New Delhi	(2) Bangaluru	(3) Bhopal	(4) Ahmedabad		
58.	Dispersing agent used in particle size analysis of soil is:					
	(1) Sodium carbonate		(2) Sodium hexa	(2) Sodium hexametaphosphate		
	(3) Sodium thios	sulphate	(4) Sodium pho	sphate		
59.	Fick's law gover	n the mechanism	of:			
	(1) mass flow		(2) capillary mo	ovement		
	(3) diffusion		(4) laminar flow	v		
60.	How many number of classes consist in land capability classification?					
	(1)8	(2) 4	(3) 6	(4) 10		
			(10)	(Continued)		



61.	Which of the i	following is an acid i	gneous rock?	
	(1) Basalt	(2) Graphite	(3) Granite	(4) Gypsum
62.	In land capabi	lity classification, la	nd suitable for cultiv	stion are from class:
	(1) I to III	(2) I to V	(3) I to IV	(4) I to II
63.	Diethylene tria	amine penta acetic a	cid (DTPA) is used fo	or estimation of:
	(1) Ca, Mg and	dS	(2) N, P and K	
	(3) Fe, Mn, Cu	and Zn	, (4) B, Mo and C	a .
64.	Under normal	field condition, the	oil water potential is	: -
	(1) Positive		(2) Negative	
	(3) Zero		(4) Unity	
65.	Pressure plate to:	apparatus is used fo	r measurement of so	il moisture tension up
	(1) 0.33 bars	€	(2) 31 bars	
	(3) 4.2 bars		(4) 15 bars	:
66.	Water tightly he	eld in thin films arou	nd soil particles is :	
	(1) Hygroscopi	c water	(2) Gravitational	water
	(3) Capillary w	ater	(4) Heavy water	
		. (1	1).	(Turn Over)



67.	Per cent solid space in soil is expressed by:					
	(1) Bulk density/Particle density × 100					
	(2) Particle density/Bulk density × 100					
	(3) (Particle den	sity – Bulk density)	× 100			
	(4) (Bulk density	-Particle density)				
68,	Tensiometer is us	sed to measure:				
	(1) gravitational	potential	(2) matric potentia	1		
	(3) osmotic pote	ntial	(4) pressure potent	ial		
69.	The conversion f	actor to convert % P	to % P ₂ O ₅ is:			
	(1) 1.29	(2) 2.90	(3) 2.29	(4) 0.4		
70.	Net mineralization	on of soil nitrogen oc	curs when C: N ratio	of organic matter is:		
	(1) < 20:1	(2) 20-30:1	(3) > 30:1	(4) > 300:1		
71.	Soil horizons A,	B and C (A+B+C)	are collectively calle	ed as:		
	(1) Pedon	(2) Soil profile	(3) Soil regolith	(4) Soil solum		
72		is not produced in th	ne country?			
14.	M Inch Issue		(3) CAN	(4) MOP		
	(1) Urea	(2) DAP	(3) CAL	(4) MOP		
		(12)	(Continued)		



73.	Soil compaction	, increases the :		
	(1) Bulk density		(2) Hydraulic con	ductivity
	(3) Macrospores	3	(4) Water intake r	ate
74.	Total pore space	of a soil gives an idea	about:	
	(1) Maximum w	ster holding capacity	(2) Field capacity	
	(3) Capillary was	ier	(4) Gravitational v	vater
75.	Of the following	humic substances, w	hich is insoluble in b	ooth acid and alkali?
	(1) Humic acids	(2) Fulvic acids	(3) Humin	(4) All
76.	Which element is	mparts red colour to	the soil ?	
	(1) Ca	(2) Mg	(3) Fe	(4) S
77.	The most produc	tive soil of India is :	···	
	(1) Alluvial soil	(2) Laterite soil	(3) Black soil	(4) Saline soil
78.	Scattering of deta	ched soil particles by	the impact of rain	drops is called:
	(1) Splash erosion	1 -	(2) Sheet erosion	The state of the s
	(3) Gully erosion		(4) Ravines	
		(13)		
				(Turn Over)



79.	In Universal soil loss equation, A = RKLSCP, K denotes:				
	(1) Soil conservation practices				
	(2) Soil roughness				
	(3) Soil erodability				
	(4) Rainfall factor				
80.	Biofertilisers are:				
	(1) products contain living cells of different types of micro-organism				
	(2) mixture of vermicomposts and inorganic fertilisers				
	(3) mixture of vermicomposts and farm yard manures				
	(4) mixture of organic manu	res and inorganic fertilize	rs ·		
81.	Flame photometer is used in	the determination of:			
	(1) P (2) K	(3) S	(4) Zn		
82.	Of the following, which one	is important with regards	to soil erosion by water?		
	(1) Intensity of rainfall	(2) Duration o	f rainfall		
	(3) Amount of rainfall	(4) Frequency	of rainfall		
83.	3. Which type of erosion is the most highly visible?				
	(1) Gully erosion	(2) Wind eros	ion		
	(3) Sheet erosion	(4) Splash ero	sion		
		(14)	(Continued)		



84.	The largest of these soil separates or particles is:					
	(1) Grave	1		(2) Sand		
	(3) Silt			(4) Clay		
85.	The prima	The primary objectives of tillage is:				
(1) Seedbed preparation						
	(2) Provision of a good medium for plant root (3) Water infiltration and retention					
	(4) Erosio	n and weed control				
86.	Which mic	ronutrient mainly in	fluences	the nitrogena	se activity?	
	(1) B	(2) Cu	(3) Mn	(4) Mo	
87.	Driving fo	rce for unsaturated	flow in so	il is :		
	(1) Gravita	ational force	(2) Matric suc	tion	-
	(3) Osmoti	ic suction	(4) Solute pot	ential .	
88.	Which elen	nent is considered a	s energy o	urrency of pl	ant?	
	(1) N	(2) 1		3) K	(4)-Mo	
89.	Main factor	which influences	be decom	position of on	ganic matter is :	
	(1) pH		(2) Temperatur	<u>e</u>	
	(3) C/N rati	io	-4) Biodegrada	bility of compound	ľ
	(3) C/N ratio (4) Biodegradability of compound (15) (Turn Over					



90.	Rocks formed by cooling of molten materials (magma) is called as :			
	(1) Metamorphic rocks	(2) Igneous rocks		
	(3) Sedimentary rocks	(4) Secondary rocks		
91.	Materials transported and deposited by	water are called as:		
	(1) Alluvium	(2) Colluvium		
	(3) Loess	(4) Aeolian		
92.	Leaching of soluble salts from either bas:	y irrigation water or rain water is called		
	(1) Alkalization	(2) Salinization		
	(3) Desalinization	(4) Solodization		
93.	Soil order that is dominantly organic in	n nature is :		
	(1) Mollisols	(2) Spodosols		
	(3) Histosols	(4) Andosols		
94.	Argillic subsurface diagnostic horizon	is a diagnostic feature of:		
	(1) Black soils	(2) Red soils		
	(3) Laterite and lateritic soils	(4) Alluvial soils		
	(16)			



95.	Organic matter in soil can be decomposed by:					
	(1) Hydrogen	peroxide	(2) Sodium car	bonates		
	(3) Sodium hy	droxide	(4) Sulphuric a	cid		
96.	More accurate	analysis of soil text	ture can be done by :			
	(1) Hydromet	er method ·	(2) Internation	al pipette method		
	(3) Aggregate	method	(4) Yoder meth	od		
97.	In Stocks' law	'η' denotes :				
	(1) Density	(2) Gravity	(3) Viscosity	(4) Velocity		
98.	Neutron moist	ture probe estimates	moisture in soil by	letecting molecules of:		
	(1) Water	(2) Oxygen	(3) Hydrogen	(4) Carbon		
99.	The arrangeme	ent of primary and so	condary soil particle	s is called as :		
	(1) Soil struct	ure	(2) Soil texture			
	(3) Soil consis	stency	(4) Soil plastici	ity		
100.	Particle density	y (g cm ⁻³) =				
	(1) Weight of	noist soil/volume o	fsoil			
	(2) Weight of	dry soil/volume of s	oil			
	(3) Weight of o	dry soil/volume of s	oil particles			
	(4) Volume of	soil/weight of motor	Soil	•••		
		od (Series)	• • • • • • • • • • • • • • • • • • • •			
	(17) (Tim Over)					



1. The method of soil structure characterization and evaluation that was described by Yodder is:				
(1) Stability index	(2) Wet sieving			
(3) Dry sieving	(4) Mean weight diameter			
102. Anion responsible for soil aggre	egation is:			
(1) Nitrate	(2) Phosphate			
(3) Sulphate	(4) Molybdate			
103. Crops conducive for the format	tion of well structured soils:			
(1) Grasses	· (2) Cereals			
(3) Millets	(4) Oilseeds			
104. The process of water entry into s or lateral or both is called as:	soil through the surface may be either down	ward		
(1) Percolation	(2) Infiltration			
(3) Seepage	(4) Leaching			
105. The formula $q = k \Delta H/L$ is:				
(1) Darcy's law	(2) Hydraulic gradient			
(3) Flux density	(4) Pick's law			
	(18) (Conti	nued)		



106. What is the unit of hydraulic cond	uctivity?	
(1) cm sec ⁻² (2) m sec ⁻¹	(3) cm sec-1	(4) m sec-2
107. The potential results from the pre	sence of solutes in soi	il water is called as :
(1) Pressure potential	(2) Osmotic pet	ential
(3) Metric potential	(4) Gravitationa	l potential
108. In saturated soil, the value of metr	ric potential is:	
(1) Unity (2) Zero	(3) Positive	(4) Negative
109. What is the soil water potential at p	plant available water ?	
(1) 10 kPa-30 kPa	(2) 33 kPa	
(3) 1500 kPa	(4) 33 kPa-1500	kPa
110. The pF scale was given by:	•	
(1) Sorenson	(2) Atterberg	
(3) White and Beckett	(4) Schofield	
111. Arrange the following soil texture capacity:	in the order of decre	asing water retention
(1) Loam > Clay > Sandy	(2) Sandy > Loan	n > Clay
(3) Clay > Loam > Sandy.	(4) Sandy > Clay	>Loam
	(19)	(Turn Over)



		(2	0)	(Continued)	
(1) Mg	(2) Fe		(3) P	(4) Ca	
117. Which nutrier	at is a constitue	nt of chl	orophyll and chro	mosomes?	
100	(3) Nitrate nitrogen			(4) Ammonical nitrogen	
(1) Total nitro	gen		(2) Available nitrogen		
116. Alkaline perm	anganate metho	od is use	ed for the estimation	on of:	
(1) Alkali	(2) Acid		(3) Alcohol	(4) Water	
115. Humic acids a	re soluble in :				
(3) rhizosphere			(4) solum		
(1) surface so	(1) surface soil		(2) sub-surface soil		
114. Volume of soi	l under the influ	ience of	roots of growing	plants is known as:	
(3) Exchange	able sodium		(4) Exchangeat	ole potassium	
(1) Exchangeable calcium		(2) Exchangeab	ole magnesium		
113. Which one of	the following is	s respon	sible for the dispe	ersion of soil particles?	
(3)-Silt, Sand,	Clay		(4) Clay, Silt, S	and	
(1) Sand, Silt,	Clay		(2) Clay, Sand,	Silt	
12. Identify particle sizes by least to greatest or fine to coarse:					



118. What is the op	timum pH for the av	vailability of most of	the plant nutrients?	
(1) 5.0-6.0	(2) 6.0-7.0	(3) 6.5-7.5	(4) 6.0-8.0	
119. Critical soil tes	st level approach wa	as given by:		
(1) Cate and N	lelson	(2) Amon and Stout		
(3) Larsen	¥	(4) Bray		
120. The science of be known as:	soil where attention	is given to the soil-p	lant relationship would	
(1) Geology		(2) Petrology		
(3) Edaphology	,	(4) Pedology		
		<u>.</u>		
•			39	
•	22.14			
	The same and age			
		(m)		
	~			
			N ,	
	(21)	R. 1.000	
			B1,000	





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9

ROUGH WORK एक कार्य



अभ्यर्थियों के लिए निर्देश

(इस पुस्तिका के प्रथम आवरण-पृष्ठ पर तथा उत्तर-पत्र के दोनों पृष्ठों पर केवल नीली या काली बाल-प्वाइंट पेन से ही लिखें)

- प्रश्न पुस्तिका मिलने के 30 मिनट के अन्दर ही देख लें कि प्रश्नपत्र में सभी पृष्ठ मौजूद हैं और कोई प्रश्न छूटा नहीं है । पुस्तिका दोषयुक्त पाये जाने पर इसकी सूचना तत्काल कक्ष-निरीक्षक को देकर सम्पूर्ण प्रश्नपत्र की दूसरी पुस्तिका प्राप्त कर लें ।
- परीक्षा भचन में लिफाफा रहित प्रयेश-पत्र के अतिरिक्त, लिखा या सादा कोई भी खुला कागज साथ में न लायें।
- उत्तर-पत्र अलग से दिया गया है । इसे न तो घोड़ें और न ही विकृत करें । दूसरा उत्तर-पत्र नहीं दिया जायेगा, केवल उत्तर-पत्र का ही मूल्यांकन किया जायेगा ।
- 4. अपना अनुक्रमांक तथा उत्तर-पत्र का क्रमांक प्रथम आवरण-पृष्ठ पर पेन से निर्धारित स्थान पर लिखें।

- उत्तर-पत्र के प्रथम पृष्ठ पर घेन से अपना अनुक्रमांक निर्धारित स्थान पर लिखें तथा नीचे दिये वृत्तों को गादा कर दें । जहाँ - जहाँ आवश्यक हो वहाँ प्रश्न-पुस्तिका का क्रमांक तथा सेट का नम्बर उचित स्थानों पर लिखें।
- 6. ओ॰ एम॰ आर॰ पत्र पर अनुक्रमांक संख्या, प्रश्न-पुस्तिका संख्या व सेट संख्या (यदि कोई हो) तथा प्रश्न-पुस्तिका पर अनुक्रमांक संख्या और ओ॰ एम॰ आर॰ पत्र संख्या की प्रविष्टियों में उपिरलेखन की अनुमित नहीं है ।
- उपर्युक्त प्रविष्टियों में कोई भी परिवर्तन कक्ष निरीक्षक द्वारा प्रमाणित होना चाहिये अन्यथा यह एक अनुचित साधन का प्रयोग माना जायेगा।
- 8. प्रश्न-पुस्तिका में प्रत्येक प्रश्न के चार वैकल्पिक उत्तर दिये गये हैं। प्रत्येक प्रश्न के वैकल्पिक उत्तर के लिये आपको उत्तर-पत्र की सम्बन्धित पंक्ति के सामने दिये गये वृत्त को उत्तर-पत्र के प्रथम पृष्ठ पर दिये गये निर्देशों के अनुसार पेन से गादा करना है।
- 9. प्रत्येक प्रश्न के उत्तर के लिये केवल एक ही वृत्त को गाढ़ा करें । एक से अधिक वृत्तों को गाढ़ा करने पर अथवा एक वृत्त को अपूर्ण भरने पर वह उत्तर गलत माना जायेगा।
- 10. व्यान दें कि एक बार स्याही द्वारा अंकित उत्तर बदला नहीं जा सकता है। यदि आप किसी प्रश्न का उत्तर नहीं देना चाहते हैं, तो सम्बन्धित पंक्ति के सामने दिये गये सभी वृत्तों को खाली छोड़ दें। ऐसे प्रश्नों पर शून्य अंक दिये आर्थेंगे।
- 11. एफ कार्य के लिये प्रश्न-पुस्तिका के मुखपृष्ठ के अन्दर बाले पृष्ठ तथा अंतिम पृष्ठ का प्रयोग करें।
- 12. परीक्षा के उपरान्त केवल और एम आर उत्तर-पत्र परीक्षा भवन में जमा कर दें।
- 13. परीक्षा समाप्त होने से पहले परीक्षा भवन से बाहर जाने की अनुमति नहीं होगी।
- यदि कोई अध्यर्थी परीक्षा में अनुचित साधनों का प्रयोग करता है, तो वह विश्वविद्यालय द्वारा निर्धारित दंड का/की, भागी होगा/होगी ।

