महा कृषि नेवा परीका-2000

19.20 929/3/200c

CODE प्रश्नपुस्तिका क्रमांक

BOOKLET NO.

107761

Student Bounty.com

वेळ : एक तास

प्रश्नपुस्तिका कृषि-विज्ञान

(1) सदर प्रश्नपुस्तिकेत 100 अनिवार्य प्रश्न आहेत. उमेदवारांनी प्रश्नांची उत्तरे लिहिण्यास सुरुवात करण्यापूर्वी या प्रश्नपुस्तिकेत सर्व प्रश्न आहेत किंवा नाहीत याची खात्री करून घ्यावी. असा तसेच अन्य काही दोष आढळल्यास ही प्रश्नपुस्तिका समवेक्षकांकडून लगेच बदलून घ्यावी.

आपला परीक्षा क्रमांक ह्या चौकोनांत न विसरता बॉलपेनने लिहावा.

परीक्षा-क्रमांक शेवटचा केंद्राची संकेताक्षरे

वर छापलेला प्रश्नपुस्तिका क्रमांक तुमच्या उत्तरपत्रिकेवर विशिष्ट जागी उत्तरपत्रिकेवरील सूचनेप्रमाणे न विसरता नमूद करावा.

या प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाला 4 पर्यायी उत्तरे सुचिवली असून त्यांना 1, 2, 3 आणि 4 असे क्रमांक दिलेले आहेत. त्या चार उत्तरांपैकी सर्वात योग्य उत्तराचा क्रमांक उत्तरपत्रिकेवरील सूचनेप्रमाणे तुमच्या उत्तरपत्रिकेवर नमूद करावा. अशा प्रकारे उत्तरपत्रिकेवर उत्तरक्रमांक नमूद करताना तो संबंधित प्रश्नक्रमांकासमोर छायांकित करून दर्शविला जाईल याची काळजी घ्यावी, ह्याकरिता फक्त काळ्या शाईंचें बॉलपेन वापरावे, पेन्सिल वा शाईंचे पेन वापरू नये.

(5) सर्व प्रश्नांना समान गुण आहेत. यास्तव सर्व प्रश्नांची उत्तरे द्यावीत. घाईमुळे चुका होणार नाहीत याची दक्षता घेऊनच शक्य तितक्या वेगाने प्रश्न सोडवावेत. क्रमाने प्रश्न सोडविणे श्रेयस्कर आहे पण *एखादा प्रश्न कठीण वाटल्यास त्यावर वेळ न* **घालिवता पृढील प्रश्नाकडे वळावे.** अशा प्रकारे शेवटच्या प्रश्नापर्यंत पोहोचल्यानंतर वेळ शिल्लक राहिल्यास कठीण म्हणून वगळलेल्या प्रश्नांकडे परतणे सोईस्कर ठरेल.

(6) उत्तरपत्रिकेत एकदा नमूद केलेले उत्तर खोडता येणार नाही. नमूद केलेले उत्तर खोडून नव्याने उत्तर दिल्यास ते तपासले जाणार

(७) प्रस्तुत परीक्षेच्या उत्तरपत्रिकांचे मूल्यांकन करताना उमेदवाराच्या उत्तरपत्रिकेतील योग्य उत्तरांनाच गुण दिले जातील. त्या प्राप्त गुणांतून त्यांनी उत्तरपत्रिकेत चुकीची उत्तरे नमूद केल्याबद्दल गुण वजा केले जाणार नाहीत.

प्रश्नपुस्तिकेमध्ये विहित केलेल्या विशिष्ट जागीच कच्चे काम (रफ वर्क) करावे. प्रश्नपुस्तिकेव्यतिरिक्त उत्तरपत्रिकेवर वा इतर कागदावर कच्चे काम केल्यास ते कॉपी करण्याच्या उद्देशाने केले आहे, असे मानले जाईल व त्यानुसार उमेदवारावर शासनाने जारी केलेल्या ''परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचे अधिनियम-82'' यातील तरतदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.

-----> (कुपया पान उलटवा)

ताकीद

ह्या प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपेपर्यंत ही प्रश्नपुस्तिका आयोगाची मालमत्ता असून ती परीक्षाकक्षात उमेदवाराला परीक्षेसाठी वापरण्यास देण्यात येत आहे. ही वेळ संपेपर्यंत सदर प्रश्नपुस्तिकेची प्रत/प्रती, किंवा सदर प्रश्नपुस्तिकेतील काही आशय कोणत्याही स्वरूपात प्रत्यक्ष वा अप्रत्यक्षपणे कोणत्याही व्यक्तीस पुरविणे, तसेच प्रसिद्ध करणे हा गुन्हा असून अशी कृती करणाऱ्या व्यक्तीवर शासनाने जारी केलेल्या ''परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचा अधिनियम-82'' यातील तरतुदीनुसार तसेच प्रचलित कायद्याच्या तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.

तसेच ह्या प्रश्नपत्रिकेसाठी विहित केलेली वेळ संपण्याआधी ही प्रश्नपुस्तिका अनिधकृतपणे बाळगणे हा सुद्धा गुन्हा असुन तसे करणारी व्यक्ती आयोगाच्या कर्मचारीवृंदापैकी, तसेच परीक्षेच्या पर्यवेक्षकीयवृंदापैकी असली तरीही अशा व्यक्तीविरूद्ध उक्त अधिनियमानुसार कारवाई करण्यात येईल व दोषी व्यक्ती शिक्षेस पात्र होईल.

Student Bounty.com

Student Bounty.com (9) सदर प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपल्यानंतर उमेदवाराला ही प्रश्नपुस्तिका स्वत:बरोबर परीक्षाकक्षाबाह घेऊन जाण्यास परवानगी आहे. मात्र परीक्षाकक्षाबाहेर जाण्यापूर्वी उमेदवाराने आपल्या उत्तरपत्रिकेचा भाग-1 समवेक्षकाकडे न विसरता परत करणे आवश्यक आहे.

नमुना प्रश्न

- Q. 201. Tensiometers measure the tension with which water is held in soils at:
 - (1) hygroscopic coefficient
- (2) wilting coefficient

(3) field capacity

point of saturation **(4)**

ह्या प्रश्नाचे योग्य उत्तर ''(3) field capacity'' हे आहे. त्यामुळे या प्रश्नाचे उत्तर ''(3)'' होईल. आता प्र.क्र. 201 समोरील उत्तर-क्रमांक "(3)" चा कंस खालीलप्रमाणे पूर्णपणे छायांकित करुन दाखविणे आवश्यक आहे.

प्र.क्र. 201. (1) (2)

अशा पद्धतीने प्रस्तुत प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाचा तुमचा उत्तरक्रमांक हा तुम्हाला स्वतंत्ररीत्या पुरविलेल्या उत्तरपत्रिकेवरील त्या त्या प्रश्नक्रमांकासमोरील संबंधित वर्तुळ पूर्णपणे छायांकित करुन दाखवावा. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे. पेन्सिल वा शाईचे पेन वापरु नये.

पर्यवेक्षकांच्या सूचनेविना हे पृष्ठ उलटू नये

Student Bounty.com कच्चा कामासाठी जागा / SPACE FOR ROUGH WORK

		•						`	Student
									El
AK	S				5				
	Spec	cific fuel consump	otion (of diesel en	gine is	abou	t:		
	(1)	0.2 kg/bhp/ho	ur		(2)	1.2 1	kg/bhp/hour		
	(3)	1.5 kg/bhp/ho	ur		(4)	0.2 1	kg/1Hp/hour		
<u>2.</u>	The	highest negative	charg	e sides are	preser	nt in :			
	(1)	Chlorite	(2)	Vermicul	ite	(3)	Fine Mica	(4)	Smectite
·	Whi	ch organization h	nas ma	ade pioneer	effort	s in st	abilizing milk p	roduce	in India ?
	(1)	NAFED	(2)	AMUL		(3)	VARANA .	(4)	GOKUL
 !.	Agr	onomy is a branc	h of A	Agricultura	 I scien	ce wh	ich deals with r	principle	es and practice
	of _	·		0			•	•	•
	(1)	all sciences			(2)		water and crop	produ	ction
	(3)	water manager	nent		(4)	SOII	management		
5.	The	material added ir	ı fertil	izer mixtur	e to ma	aintair	n its good physic	al cond	lition are know
	as _				(0)	-			
	(1)	Nutrient suppli Neutralizer	er		(2)		ditioner -		
	(3)			· · ·	(4)	Fille	<u>. </u>		
j.	The	diameter of pit si	lo is u	sually limi	ted to	:			
		•	(2)	6 m		(3)	10 m	(4)	15 m
	(1)	3 m							
· '•	(1)	ught is a condi	tion 1	under whi	ch cro	ps ar	e fail to grow	and n	nature because
· '•	(1) Dro of _	ught is a condi				ps ar	e fail to grow	and m	nature because
7.	(1) Dro of _ (1)	ught is a condi insufficient ava	ilabili	ty of moist	ıre	ps ar	e fail to grow	and m	nature because
•	(1) Dro of _ (1) (2)	ught is a condi insufficient avai	ilabili ilabili	ty of moist ty of sunlig	ıre ht	ops ar	e fail to grow	and m	nature because
•	(1) Dro of _ (1)	ught is a condi insufficient ava	ilabili ilabili ilabili	ty of moist ty of sunlig ty of nutrie	ıre ht	ops ar	e fail to grow	and n	nature becaus
	(1) Dro of _ (1) (2) (3) (4)	insufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient	ilabili ilabili ilabili ilabili	ty of moisto ty of sunlig ty of nutrie ty of space	are ht nts	ops ar	re fail to grow	and n	nature because
	(1) Dro of _ (1) (2) (3) (4)	ught is a condi insufficient avai insufficient avai insufficient avai	ilabili ilabili ilabili ilabili obtaii	ty of moisto ty of sunlig ty of nutrie ty of space	are ht nts		re fail to grow	and n	nature becaus
	(1) Dro of _ (1) (2) (3) (4)	ught is a condi insufficient avai insufficient avai insufficient avai insufficient avai	ilabili ilabili ilabili ilabili obtain	ty of moistity of sunligity of nutriesty of space	nts um co	st	re fail to grow	and n	nature because
	(1) Dro of _ (1) (2) (3) (4) Agr (1)	insufficient avainsufficient a	ilabili ilabili ilabili ilabili obtain	ty of moistory of sunlige ty of nutriecty of space ning	nts um co	st	re fail to grow	and n	nature because
	(1) Dro of _ (1) (2) (3) (4) Agr (1) (2)	insufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsum produmaximum produmaximum produmaximum produmaximum produmaximum prod	ilabili ilabili ilabili ilabili obtail uction uction	ty of moisti ty of sunlig ty of nutrie ty of space ning n at maxim n at maxim	nts um cosum cosum cosum cosum cos	st st	re fail to grow	and m	nature because
3.	(1) Dro of _ (1) (2) (3) (4) Agree (1) (2) (3) (4)	insufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsufficient avainsum produmaximum produminimum produminimu	ilabili ilabili ilabili obtain uction uction uction	ty of moistive of sunling ty of space in at maximal at maximal at maximal at minimal at	um cosum cos	st st	re fail to grow	and n	nature because
7. 3.	(1) Dro of _ (1) (2) (3) (4) Agree (1) (2) (3) (4)	ught is a condi insufficient avai insufficient avai insufficient avai insufficient avai onomist aims at maximum prodi maximum prodi	ilabili ilabili ilabili obtain uction uction uction uction	ty of moistive of sunligity of nutries ty of space ning at maximum at maximum at minimum	um cosum cos	st st st st	e fail to grow		··

						0		
						27		
						6	6	
	,		6				Jent Bounts	<u>ح</u>
							THE.	1
10.			ne dry sowing o	-	grain sorghum	is done	2	-
	` '	y earlier	(2)		week earlier month earlier			5
	(3) fifteen	days earlier	(4)	one i	month earner			
11.	Successful of	dry land agri	culture depends	upon:				
	(1) Rain w	ater conservat	tion (2)	Utili	zation of rain	water		
	(3) Mulchi	ng	(4)	Non	e of the above			
12.	Identify the r	most efficient (earthworm speci	ies for p	roduction of v	ermi cor	mpost :	
	•	yx excavatus	(2)		rilus eugenia		•	
	(3) Eisenia	foetids	(4)	Non	e of the above			
13.	t	echnology is t	useful for <i>rabi</i> gr	roundni	 1t.			_
	(1) BBF	87	(2)	_	s mulch			
	, ,	ene mulch	(4)	SRI				
14	T:	1 (th	Courter to Classe	4l-				
14.	_		ff water to flow t let is called as :	rom the	e most remote	point (in	time of now)	OI
		uration	(2)	Time	e of concentrat	ion	•	
	` '	f duration	(4)		bove			
15.	The charge d	lue to "isomor	phous substituti	on" in o	lav colloids is	:		_
20.	•		d does not char		-			
	· / •	•	charge in soil p	_				
		nent under acid	dic condition but	increas	es with increas	e in pH i	in alkaline ran	ge
	(4) none of	f the above						
16.	The term "C	ontingent cro	oping" means :					
		-	tecting weather	conditi	on			
	` '	•	ntain soil fertility					
	` '	•	eve nutritive pro		n			
	(4) Crops	grown to incre	ease production					_
17.	Thermal effic	ciency of diese	el engine varies f	rom:				
	(1) 20 to 2	25% (2)	25 to 32%	. (3)	32 to 38%	(4)	38 to 48%	
18.	The rate of h	neat transfer fr	om any materia	l to atm	osphere is pro	portiona	1 to :	_
			perature differe		-	-		
	` '	•	erature differenc				-	
	` '	t of material o					-	
	(4) None o	of above					•	

(1) Thresher (2) Mower (3) Sickle (4) Seed drill 20. Which grass has gained popularity as best biological soil conservation measure all of the world? (1) Citronella (2) Vetiver (3) Lime (4) None of ab 21. Number of links in a 30 metre metric chain is: (1) 90 (2) 120 (3) 150 (4) 180 22. Draft of an implement depends on: (1) Sharpness of cutting edge (2) Working speed and width (3) Working depth and soil condition (4) All above 23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in										S
the world? (1) Citronella (2) Vetiver (3) Lime (4) None of ab 21. Number of links in a 30 metre metric chain is: (1) 90 (2) 120 (3) 150 (4) 180 22. Draft of an implement depends on: (1) Sharpness of cutting edge (2) Working speed and width (3) Working depth and soil condition (4) All above 23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in										The
the world? (1) Citronella (2) Vetiver (3) Lime (4) None of ab 21. Number of links in a 30 metre metric chain is: (1) 90 (2) 120 (3) 150 (4) 180 22. Draft of an implement depends on: (1) Sharpness of cutting edge (2) Working speed and width (3) Working depth and soil condition (4) All above 23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in						_				CHE
the world? (1) Citronella (2) Vetiver (3) Lime (4) None of ab 21. Number of links in a 30 metre metric chain is: (1) 90 (2) 120 (3) 150 (4) 180 22. Draft of an implement depends on: (1) Sharpness of cutting edge (2) Working speed and width (3) Working depth and soil condition (4) All above 23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in	AKS	•				7				10
the world? (1) Citronella (2) Vetiver (3) Lime (4) None of ab 21. Number of links in a 30 metre metric chain is: (1) 90 (2) 120 (3) 150 (4) 180 22. Draft of an implement depends on: (1) Sharpness of cutting edge (2) Working speed and width (3) Working depth and soil condition (4) All above 23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in	19.	Ferr	ule is a part of :		٠					
the world? (1) Citronella (2) Vetiver (3) Lime (4) None of ab 21. Number of links in a 30 metre metric chain is: (1) 90 (2) 120 (3) 150 (4) 180 22. Draft of an implement depends on: (1) Sharpness of cutting edge (2) Working speed and width (3) Working depth and soil condition (4) All above 23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in		(1)	Thresher	(2)	Mower		(3)	Sickle	(4)	Seed drill
(1) Citronella (2) Vetiver (3) Lime (4) None of ab 21. Number of links in a 30 metre metric chain is: (1) 90 (2) 120 (3) 150 (4) 180 22. Draft of an implement depends on: (1) Sharpness of cutting edge (2) Working speed and width (3) Working depth and soil condition (4) All above 23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in	20.		•	ned po	pularity as	best l	biolog	ical soil conserv	ation r	neasure all over
(1) 90 (2) 120 (3) 150 (4) 180 22. Draft of an implement depends on: (1) Sharpness of cutting edge (2) Working speed and width (3) Working depth and soil condition (4) All above 23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in				(2)	Vetiver		(3)	Lime	(4)	None of above
22. Draft of an implement depends on: (1) Sharpness of cutting edge (2) Working speed and width (3) Working depth and soil condition (4) All above 23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm (2) Planting (3) Dibbling (4) Hill dropp 26. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in	21.	Nun	nber of links in a	30 me	etre metric o	hain i	s :			
(1) Sharpness of cutting edge (2) Working speed and width (3) Working depth and soil condition (4) All above 23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in (1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful		(1)	90	(2)	120		(3)	150	(4)	180
(3) Working depth and soil condition (4) All above 23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in (1) Loss of desired soil texture and development of compact soil (2) Loss of plant nutrients from soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful	22.	Drai	ft of an impleme	nt dep	ends on :					
23. Which of the poultry house is suitable for hot-dry area? (1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which res in (1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful		(1)	Sharpness of co	utting	edge		(2)	Working speed	l and v	width
(1) Wire floored poultry house (2) Deep litter poultry house (3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which resin (1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful		(3)	Working depth	and s	oil conditio	n	(4)	All above		
(3) Cage poultry house (4) None of these 24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which resin (1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful	23.	Whi	ch of the poultry	house	e is suitable	for ho	ot-dry	area ?		
24. Under high rainfall conditions maize crop should be planted: (1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which resin (1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful		(1)	Wire floored p	oultry	house	(2)	Dee	p litter poultry h	ouse	
(1) On a flat bed (2) In narrow furrows (3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm (5) The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which resin (1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful		(3)	Cage poultry h	ouse		(4)	Non	e of these		
(3) On the side of ridges (4) In widely spaced furrows 25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rp 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which resin (1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful	24.	Und	ler high rainfall o	conditi	ons maize o	rop sl	hould	be planted :		
25. Standard P.T.O. (Power Take Off) speed recommended by A.S.A.E. in the year 1961 (1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rp 26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which resin (1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful		(1)	On a flat bed			(2)	In n	arrow furrows		
(1) 500±10 rpm (2) 540±10 rpm (3) 600±10 rpm (4) 640±10 rpm 6. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 7. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which resin		(3)	On the side of	ridges		(4)	In w	videly spaced fur	Tows	
26. The dropping of seeds in furrow lines in continuous flow is: (1) Drilling (2) Planting (3) Dibbling (4) Hill dropp 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which resin (1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful	25.	Stan	dard P.T.O. (Por	wer Ta	ke Off) spe	ed rec	omme	ended by A.S.A.I	E. in th	ne year 1961 is :
(1) Drilling (2) Planting (3) Dibbling (4) Hill dropp. 27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which resin								-		•
27. Under alkaline soil conditions, the adsorbed sodium causes dispersion of clay which resin (1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful 29 rice has good export potential.	26.	The	dropping of seed	ds in fi	arrow lines	in con	tinuo	us flow is :		
in (1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful 29 rice has good export potential.		(1)	Drilling	(2)	Planting		(3)	Dibbling	(4)	Hill dropping
(1) Loss of desired soil texture and development of compact soil (2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful 29 rice has good export potential.	27.		ler alkaline soil co	onditio	ns, the adso	rbed s	odiun	n causes dispersio	on of c	lay which results
(2) Loss of desired soil structure and development of compact soil (3) Loss of plant nutrients from soil (4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful 29 rice has good export potential.		_	Loss of desired	soil te	exture and d	levelo	pmen	t of compact soil		
(4) Unavailability of water and nutrients for plant growth 28 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful 29 rice has good export potential.						-	_	-		
8 seed is used to produce foundation seed. (1) Nucleous (2) Certified (3) Breeder's (4) Truthful 9 rice has good export potential.		(3)	Loss of plant n	utrient	s from soil			-		
(1) Nucleous (2) Certified (3) Breeder's (4) Truthful 9 rice has good export potential.		(4)	Unavailability	of wat	er and nutr	rients i	for pla	ant growth		
(1) Nucleous (2) Certified (3) Breeder's (4) Truthful 29 rice has good export potential.	28.		seed is u	sed to	produce fo	undat	tion se	eed.		
		(1)			-				(4)	Truthful
	29,		rice has	good	export pote	ntial.		_		
		(1)	Nylon	(2)			(3)	Hybrid	(4)	Golden

										C
			•							The
									•	Est
-						8				mined dun
30.	The	process of heating	the 1	nilk u	pto si	ecifie	d tem	perature for a	predeter	mined du
		me for removing						m is called :	•	
	(1)	Refrigeration				(2)	Past	eurization		·
	(3)	Sterilisation				(4)	Non	e of the above		
31.	Iden	tify the group of	crops	specie	s wit	h rela	tively	more toleranc	e to salir	nitý.
	(1)	Carrot, onion, p	ulses			(2)	Barle	ey, cotton, saft	flower	•
	(3)	Cowpea, cabbag	ge, on	ion		(4)	Tom	ato, radish, gr	roundnu	t
32.	The	of Su	nlight	is mo	ost sa	tisfact	ory fo	or plant growt	 h.	
	(1)	Half spectrum	J				-	- 0		
	(2)	Full spectrum								
	(3)	Little more than	full s	pectru	ım					
	(4)	None of these								·
33.	Micı	o-irrigation mean	ıs:							
	(1)	only drip irrigat								
	(2)	only sprinkler in	rigati	on						
	(3)	both drip and m		prink	ler irr	igatio	n			
	(4)	none of the above	ve .							•
34.	Whi	ch is the first step	in ag	grega	tion o	f soil	partic	les ?		
	(1)	Hydration			(2)	Floc	culati	on		
	(3)	Dehydration			(4)	Cem	entat	ion		
35.		is the stud	ly of	whole	farm	syste	ms, w	hich includes	all the er	nterprises on th
		n, their biologica							d usuall	y implies som
	(1)	lvement of the far Farming system			resea	ren pi (2)		n enterprise		
	(3)	Farming system				(4)		ning system re	esearch	
 36.	Cun		ion re		d for	schoo	lulina	irrigation at	0.75 TW	/CPE ratio wit
<i>5</i> 0.		n of irrigation wa		_			ıuınıg	, imgation at	0.75 1447	CI E Iado Wit
	(1)	8.33 mm	(2)	6.66		•	(3)	6.25 cm	(4)	6.0 mm
	771	A	1:							
37.		duration of Adsa	-	-			<u> </u>	15	(4)	10
	(1)	12 months	(2)	8 mo	onths		(3)	15 months	(4)	18 months
		_			lar in	part (of			
38.	Rice	-wheat system is	most	popul	ul III	F				
38.	Rice (1) (3)	-wheat system is South India Coastal Region	most	popul	ur m	(2) (4)	East	India th India		

, 4 T/:	,			•					70
K				9					100
9.				tion e		ed when t		surfac	e is undulating ace
	(1) Flooding	g (2)	Sprinkler ————		(3)	Drip ———	(4)	Surf	ace
0.	Practically the	suction lift o	of centrifugal	l pum	p is:				
	(1) < 10 m	(2)	10.0 m		(3)	20.0 m		(4)	> 20.0 m
ι.	In normal mi H ions ?	neral soils, a	cidity is mo	stly p	produ	ced by re	placem	ent of	which ions by
	(1) Ca and	N (2)	Ca and M	g	(3)	Ca and I	Na	(4)	Mg and Na
	Bucket elevate	or with belts a	are employe	d in f	ood ir	dustry for	:		
	` '	tal conveyan		(2)	_	e upto 45°		horizo	ntal
	(3) angle u	pto 60° from	horizontal	(4)	vert	ical conve	yance		
3.	For proper ma	aintenance of	irrigation p	ump,	drain	the lubric	ants in	oil be	aring and wash
	out bearing e	•		. •	(2)				
	/1\	(7)	three mon	the	(3)	six mont	hs	(4)	year
	(1) month	(2)	three mon		(5)				
4.	Which type of						produc	cts ?	
•	Which type of (1) stationer	f beaters are u		mer n (2)	nill to	break the	•	cts ?	<u> </u>
ŀ.	Which type of (1) stationer	f beaters are t		mer n	nill to	break the	•	ets?	<u> </u>
	Which type of (1) stationer (3) reciproc	f beaters are ury type rating type	used in ham	mer n (2) (4)	nill to revo	break the living type e of the ab	•	ets?	<u> </u>
	Which type of (1) stationer	f beaters are ury type ating type	used in ham	mer n (2) (4) an is	nill to revo	break the living type e of the ab	•	ets ?	
	Which type of (1) stationer (3) reciproc	f beaters are ury type rating type nded seed rake/ha	used in ham	mer n (2) (4) an is	nill to revo none	break the dving type e of the ab	•	cts?	
5.	Which type of (1) stationer (3) reciproce The recomme (1) 60 - 75 1 (3) 40 - 50 1	f beaters are ury type rating type nded seed rakg/hakg/ha	used in hami	(2) (4) an is (2) (4)	nill to revo none 45 - 10 -	break the diving type e of the ab 55 kg/ha 15 kg/ha	•	ets?	
5.	Which type of (1) stationer (3) reciproce The recomme (1) 60 - 75 1 (3) 40 - 50 1 What is the approximately the stationer of the stationer o	f beaters are ury type rating type nded seed rakg/hakg/ha	te of soyabe	(2) (4) an is (2) (4)	nill to revo none 45 - 10 -	break the diving type e of the ab 55 kg/ha 15 kg/ha	•	cts?	
5.	Which type of (1) stationer (3) reciproce The recomme (1) 60 - 75 1 (3) 40 - 50 1 What is the ap (1) Storing	f beaters are using type atting type nded seed rakg/hakg/ha	ay of increased	(2) (4) an is (2) (4)	nill to revo none 45 - 10 -	break the alving type of the ab	ove	cts?	
5.	Which type of (1) stationer (3) reciproce The recomme (1) 60 - 75 1 (3) 40 - 50 1 What is the ap (1) Storing	f beaters are using type rating type ratin	ay of increased	(2) (4) an is (2) (4) sing v (2) (4)	45 - 10 -	break the alving type of the ab 55 kg/ha 15 kg/ha of fruits? essing	ove	ets?	
5. 6.	Which type of (1) stationer (3) reciproce The recomme (1) 60 - 75 1 (3) 40 - 50 1 What is the ap (1) Storing (3) Selling in	f beaters are using type rating type ratin	te of soyabe ay of increased	(2) (4) an is (2) (4) sing v (2) (4)	45 - 10 -	break the ablying type of the ab 55 kg/ha 15 kg/ha of fruits?	ove	(4)	1:2
5. 6.	Which type of (1) stationer (3) reciproce The recomme (1) 60 - 75 1 (3) 40 - 50 1 What is the ap (1) Storing (3) Selling in Grain to straw (1) 2:1	f beaters are used type sating type anded seed rackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/h	te of soyabe ay of increased ets st of the Mex	mer n (2) (4) an is (2) (4) sing v (2) (4)	45 - 10 - alue of Non- wheat (3)	break the alving type of the above of fruits? ressing the of above the varieties are also also also also also also also also	ove		1:2
5. 6.	Which type of (1) stationer (3) reciproce The recomme (1) 60 - 75 1 (3) 40 - 50 1 What is the ap (1) Storing (3) Selling it Grain to straw (1) 2:1 In Disc plouge	f beaters are using type rating type rating type ratio in most (2)	te of soyabe ay of increased ets st of the Mex	mer n (2) (4) an is (2) (4) sing v (2) (4) cican	alue of Proor Normalist (3)	break the alving type of the ab 55 kg/ha 15 kg/ha of fruits? essing the of above to varieties 1:1	ove	(4)	1:2
5.	Which type of (1) stationer (3) reciproce The recomme (1) 60 - 75 1 (3) 40 - 50 1 What is the ap (1) Storing (3) Selling in Grain to straw (1) 2:1 In Disc ploug (1) Increasing	f beaters are used type sating type anded seed rackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/hackg/h	te of soyabe ay of increased at of the Mex 3:1	mer n (2) (4) an is (2) (4) sing v (2) (4)	45 - 10 - alue of Nonwheat (3)	break the alving type of the above of fruits? ressing the of above the varieties are also also also also also also also also	ove is:	(4)	1:2
5. 6. 7.	Which type of (1) stationer (3) reciproce The recomme (1) 60 - 75 1 (3) 40 - 50 1 What is the ap (1) Storing (3) Selling in Grain to straw (1) 2:1 In Disc ploug (1) Increasing (3) Increasing (3)	f beaters are used type sating type sating type sating type sating type sating type sating that seed rangles are used to seed rangles sating tilt angles angles sating tilt angles angles sating tilt angle	te of soyabe ay of increased at of the Mex 3:1	mer n (2) (4) an is (2) (4) sing v (2) (4) cican (2) (4)	45 - 10 - alue of Non- wheat (3) be increased Decreased	break the abuse of the abuse of the abuse of the abuse of fruits? The sessing are of above of above of above of above of abuse of abuse of abuse of abuse of above of a varieties of abuse of abuse of above of abuse of above of abuse of above of abuse of above of above of above of above of abuse of above of abuse of abuse of above of abuse of a	ove is:	(4) ht	·
5. 6.	Which type of (1) stationer (3) reciproce The recomme (1) 60 - 75 1 (3) 40 - 50 1 What is the ap (1) Storing (3) Selling in Grain to straw (1) 2:1 In Disc ploug (1) Increasing (3) Increasing (3)	f beaters are used to the second of the seco	te of soyabe ay of increased at of the Mex 3:1	mer n (2) (4) an is (2) (4) sing v (2) (4) cican (2) (4)	45 - 10 - alue of Non- wheat (3) be incr Red Decr	break the abuse of the abuse of the abuse of the abuse of fruits? The sessing are of above of above of above of above of abuse of abuse of abuse of abuse of above of a varieties of abuse of abuse of above of abuse of above of abuse of above of abuse of above of above of above of above of abuse of above of abuse of abuse of above of abuse of a	ove is:	(4) ht	1:2

P.T.O.

50.	A cl	osed conduit is used in case of :		Straight drop spillway								
	(1)	Drop inlet spillway	(2)	Straight drop spillway								
	(3)	Chute spillway	(4)	None of above								
51.	The	primary purpose of level on ridge	e-type	terrace is to :								
	(1)	Conserve water and control ero	sion									
	(2)	Reduce runoff										
	(3)	Make steep lands cultivable										
	(4)	All are correct										
52.			igemen	t of crops and fallow on a given area is called								
	as _		(2)	Croming avistors								
	(1)	.	(2)									
	(3)	Cropping pattern	(4)	Farming systems								
53.	The	active acidity pool of the soil repr	resents	:								
	(1) Exchangeable H ⁺ and Al ⁺⁺⁺ present in soil											
	(2)	H^+ and Al^{+++} ions in soil so	lution									
	(3)	H ⁺ and Al ⁺⁺⁺ ions present	both in	soil solution and exchangeable site								
	(4)	None of the above										
54.	Whi	ich is the process of transformati	on of s	solid rocks by physical agents and chemical								
		ncies into regolith ?										
	(1)	Disintegration	(2)	Regolith formation								
	(3)	Weathering	(4)	Soil formation								
55.	Soy	abean is classified as	crop as	s per its use.								
	(1)	fibre	(2)	grain								
	(3)	green manuring	(4)	oilseed								
 56.		refers to complementary	interac	tion among the intercrops in respect of space								
	and	time.		nor among the interest of an respect of space								
	(1)	Multiple cropping	(2)	Symbiosis								
	(3)	Allelopathy	(4)	Annidation								
<u> </u>	Whi	ich is the farm operation for which	h powe	er tiller is most suitable ?								
	(1)	Transplanting	(2)	Ploughing heavy soils								
	(3)	Farm transportation	(4)	Puddling of low land paddy								
58.		variety of gram is recom	mende	d for Maharashtra under rainfed condition.								
55.	(1)	Asha (2) Jaya		(3) Vijay (4) Surya								
	(-)	- Loriu (L) Juya		(c) tijuj (t) Julya								

								1	E.
•									Farth dam
AKS	3				11		•		Boy
59.	Whi	ch is the natural	unit d	raining rur	off wa	ater to	a common po	int?	
	(1)	Farm pond	(2)	Spillway		(3)	Water shed	(4)	Earth dam
60.	Whi	ch of the followi	ng is c	onsidered a	s biof	ertiliz	er ?		٠
	(1)	Compost			(2)	Blue	green algae		
	(3)	Green manure			(4)	Farn	n yard manure		· · · · · · · · · · · · · · · · · · ·
61.		organic chelatin te and molybda Borate and mo Borate and mo	te canı lybdate	not be chela e supply Bo	ated boron ar	ecause nd Mo	e olybdenum resp		
	(3) (4)	Borate and mo Boron and mol molybdate resp	ybdeni	ım can be sı			nces in soil ugh sodium teb	raborate	and ammoniui
62.	The	length of revenu	ıe chair	n is ·		•			
·	(1)	33 feet	(2)	33 meter		(3)	66 feet	(4)	66 meter
63.	Whi	ch of the follow	no cak	re contains :	relativ	elv hi	oher nercentao	e of nitr	ogen ?
	(1)	Neem cake			(2)	•	tor cake		
	(3)	Linseed cake		•	(4)		undnut cake		
64.	Iden	tify the group o	f textu	ral classes o	of the s	oil w	ith increasing d	legree of	fineness:
	(1)	Silty clay loam						O	
	(2)	Loam, sandy c	lay loa	m, silty clay	y loam	1			
	(3)	Sandy clay loa	m, silty	y clay loam	, loam		•		
	(4)	Loam, silty cla	y loam	, sandy clay	y loam	ı			
65.	The	allowable discha	arge va	riation alor	ng drij	later	al should be :		
	(1)	less than 15%	(2)	less than	10%	(3)	less than 20%	6 (4)	none of these
66.	Why (1) (2) (3) (4)	nitrate ions are Because of sma Nitrate ions are Nitrate ions be Ammonium io	aller siz e posit ing neg	ze of nitrate ively charge gatively cha	e ions, ed her arged,	leach ice eas not h	ed with water sily leached fro eld by soil part	m soil	? .
67.	Whie (1)	ch plant nutrien Potassium	t increa	ases nodule Mangane		ation (3)	that fix nitroge Sulphur	n in Leg (4)	rume crops ? Phosphorus

										all above	
					12					THE	
68.	Spac	ing of check da	ım vari	es inverselv	with						4
	(1)	drop height	(2)	gully slop		(3)	runoff rat	te	(4)	all above	
59.	The	soil temperatur	e for sa	ntisfactory g	growth	of po	otato tuber	should	be _	°(C.
	(1)	7 - 9	(2)	11 - 13		(3)	17 - 19		(4)	20 - 23	
70.	What is the source of energy used for drying field crops like wheat?										
	(1)	Electrical ener	gy		(2)		t from woo				
	(3)	Solar energy			(4)	Hyd	lro power e	energy			
71.	Whi	ch of the follow	ing mo	nsoon, cou	ntry n	nainly	receives m	aximur	n raiı	nfall ?	
	(1)	North-East			(2)		th-West				
	(3)	South-East			(4)	Nor	th-West				
'3.	(2) (3) (4)	Available nitr Keen competi Available nitr Available nitr	tion am ogen is ogen is	lost due to lost due to	organi volati leachi	isms f lizatio	or available n			n constructio	n of
		s house ?					·				
	(1)	1 to 2 mm	(2)	3 to 4 mm	n	(3)	5 to 6 mm	n	(4)	1.5 to 3 mm	m
74.	and (1)	ch type of soil s development ? Detailed soil s	urvey		(2)	Reco	onnaissance			-	ning
	(3)	Detailed and	Keconn	aissance	(4)	Sem	i-detailed			<u>_</u>	
75.	The	seed rate of Pig	-		k	•					
	(1)	100 - 120	(2)	40 - 45		(3)	3 - 5	(4)	12 -	15	
76.	Subs	sistence is impo	ortant o	bjective of			,				
	(1)	Live stock far	_		(2)		ed farming				
	(3)	Cropping syst	tem		(4)	Farr	ning systen	n			
77.	resp	e electrical con- ectively, the lea		equirement			•	r is 0.2	ds/r	,	s/m
	(1)	20%	(2)	40%		(3)	50%		(4)	80%	

	Stud	ENTRO	Junes.	COM
(4)				
high p	oressure	e side (of	
			_	

	(1) (3)	Companion crop	p		(2) (4)		h crop emeral		
79.	35°C	C= °K.							
	(1)	235	(2)	- 258		(3)	135	(4)	308
80.		dividing compor pression refrigera		•	he low	press	sure side to	the high	pressure side o
	(1)	Compressor			(2)	Con	denser		
	(3)	Evaporator			(4)	Expa	ansion valve	е	
 81.	Bulk	Density of soil is	influen	ced by:				•	
	(1)	Micropores							
	(2)	Macropores							•
	(3)	Relative distribu	tion of	micro ar	nd mad	ropor	es		-
	(4)	Total porosity of				•			
 82.	In w	hich type of textu	ıral clas	s of soils	highe	st per	centage of t	otal pore s	pace is present?
	(1)	Sandy clay			(2)	Clay	7		
	(3)	Sandy clay loam	ι.		(4)	Sano	i		
 83.	Hov	v P solubilising ba	cteria i	ncrease t	he ava	ilabilit	y of phospl	horus ?	
	(1)	They have capac	city to o	convert u	ınavail	able fo	orm to avail	able form	
	(2)	They are respon	sible to	release 1	P ions a	adsorb	ed on surfa	ice of organ	ic colloids
	(3)	They secrete org phosphate	anic ac	ids and l	oring a	bout t	he dissoluti	on of immo	obile form of soi
	(4)	They secrete so phosphates	me stro	ong acid	s whic	h brir	ng about di	issolution (of insoluble soi
84.	Trar	nspiration losses c	an be r	educed l	by use	of	·		
	(1)	Stubble mulch			(2)	Poly	thene mulc	h	
	(3)	Interculture			(4)	Kao	line spray		
85.		ch agricultural im	plemer	nt is used	l for w	heat c	rop to redu	ce human	drudgery during
	(1)	serrated sickle							
	(2)	power tiller							
	(2) (3)	power tiller power operated	combi	ne harve	ster				

P.T.O.

						C
					Z.	The
		•			7	LES.
			14			18
6.	Whi	ch of the herbicide is used to contr	ol wee	eds in zero tillage ?		THE
	(1)	Pendimethalin		Paraquat		
	(3)	Alachlor	(4)	Trifluralin		CHILDENTBOIL
7.	In th	nin layer drying, the grain bed dep	th is :			
	(1)	more than 20 cm		less than 20 cm		
	(3)	more than 40 cm	(4)	more than 100 cm		
8.		most common fumigant used for c	ontro	l of insect pests in store	d pro	ducts including
	seea (1)	s are : Methyl alcohol and phosphorous	: (2)	Methyl bromide and p	hoer	hine
,	(3)	Ethanol and methanol	(4)	Benzene and ethanol	nosp	линс
.9	(0)	Different and medianor	(1)			
39.	The	type of frame used for green hou	use st	ructure having span m	ore t	han or equal to
	15 n	n :				
	(1)	Pipe frame (2) Wooden f	rame	(3) Truss frame	(4)	Even frame
0.	In se	equence cropping, the crop can be	harv	ested at		
	(1)	before planting another crop		•		
	(2)	physiological maturity				
	(3)	harvest at maturity				
	(4)	grain filling stage		• •		
1.	The	actual area covered by the implem	nent d	uring its total time cons	ume	d is known as :
	(1)	Theoretical field capacity	(2)	Effective field capacity	7	
	(3)	Theoretical field efficiency	(4)	Field efficiency		· · · · · · · · · · · · · · · · · · ·
92.	The	Gunta chain is 66 feet long and is	divid	ed into links.		
	(1)	66 (2) 100		(3) 50	(4)	33
93.		ping in view the available technolo owing patterns would be more use			ps, v	which one of the
	(1)	Monoculture	(2)	Location specific crop	nina	
	(3)	Mixed cropping	(2)	Multiple cropping	հառ	
	(J)		(4)			
94.		ich of the following is the cheapest mique suitable for rainfed vertisols		-		ure conservation
	(1)	Ridges and furrow	(2)	Bench terracing	•	
	(3)	Mulching	(4)	Compartment bundir	g	
	(-)		(-)	,	0	

									Still					
AKS					15				Studente					
5.	The	primary purpose	of gr	aded terra	ce is :									
	(1)	to trap and hol	d rain	fall for inf	il tr atior	into	the soil							
	(2)	moisture conse						•						
	(3)	efficient distrib					•							
	(4)	to remove exce	ss wat	er to mini	mise er	osion								
96.	The	The quantity of water retained in the soil between the limit of field capacity and permanent												
		ng point is												
	(1)	·												
	(2)													
	(3)	•												
	(4) 	pure water for	plant	use 										
7.	Tran	spiration is:					ð							
	(1)	Wilting co-effic	cient		(2)	Eva	poration							
	(3)	Water loss from	n plan	ts	(4)	Cha	nging status of	f water						
98.	Woo	ly aphid, an ins	ect pe	st causes r	nuch d	amag	e mainly to		. •					
	(1)	Sugarcane	(2)	Onion		(3)	Cotton	(4)	Wheat					
99.	Тор	revent spoilage,	silage	should be	remov	ed fro	m pit silo at th	e rate of	:					
	(1)	10 cm/day	(2)	5 cm/da	ny	(3)	15 cm/day	(4)	20 cm/day					
100.	crop		plant	ting of the	succe	eding	crop before h	arvestin	g the precedi					
	(1)	Relay cropping	5		(2)	Rate	oon cropping		·					
	(3)	Monocropping			(4)	Inte	rcropping							

कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK