Set No: (2) 14P 202 30

Mse. (Ag) - C (340

- (2)	C= 1202 30	
(To be:	filled up by the candidate by blue/bla	estion Booklet No
Roll No. Roll No. (Write the digits in wo		CK Dan-point pen)
Serial No. of Answer S	Sheet	
Day and Date	······	(Signature of Invigilator)
2003	INCTRICATIONS TO	() Trivigitator

INSTRUCTIONS TO CANDIDATES

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

- 1. Within 10 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.
- 2. 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 Booklet Number and the Set Number in appropriate places.
- 6. No overwriting is allowed in the entries of Roll No., Question Booklet No. and Set No. (if any) on OMR sheet and Roll No. and OMR sheet No. on the Question Booklet.
- 7. Any changes 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 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 marks).
- 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 end of the Test.
- 14. If a candidate attempts to use any form of unfair means, he/she shall be liable to such punisheness the University may determine and impose on him/her.

[ब्स्बुंक निर्देत हिन्दी में अन्तिम आवरण-पृष्ठ पर दिये गए हैं]

Total No. of Printed Pages: 20





No. of Questions: 120

lime: 2 Hours]	
	[Full Marks: 360
(50.0)	FILL MAPES: 101

- Note: (i) Attempt as many questions as you can. Each question carries 3 (three) marks. One mark will be deducted for each incorrect answer. Zero mark will be awarded for each unattempted question.
 - (ii) If more than one alternative answers seem to be approximate to the correct answer, choose the closest one.
- 1. The Minimum Support Price of any crop is declared:
 - (1) After harvesting of the crop
 - (2) Before sowing of the crop
 - (3) Before harvesting of the crop
 - (4) After sowing of the crop
- 2. C.A.C.P stands for:
 - (1) Commission for agricultural costs and prices
 - (2) Centre for agricultural costs and prices
 - (3) Cost of agricultural common products
 - (4) Contract for agricultural commodity purchase
- 3. The cost incurred in growing a crop in a hectage is known as
 - (1) Cost of production

(2) Cost of cultivation

(3) Fixed cost

priec elasticity of density

More (2) 1 ...

(1)

(Francisco)



4.	Which one is not the characteristic of perfect competitive market?					
25	(1) Many sellers		(2) Free entry and	exit		
	(3) Few buyers		(4) Homogenous product			
5.	The share of agricu	lture in National Ir	ncome is between:	3 4 8		
	(1) 9 to 14 %	(2) 22 to 27 %	(3) 17 to 21 %	(4) 31 to 35%		
6.	When average production is:	oduct is greater t	han marginal produc	t, the elasticity of		
	(1) One		(2) Less than one	· v		
¥	(3) More than one	•	(4) Zero			
7.	The production fur	nction Y = a X b is	s production	function.		
	(1) Linear	(2) Cubic	(3) Log linear	(4) Quadratic		
8.	Which one is not	the type of farming	g ?			
	(1) Specialised fa	arming	(2) Mixed farming	ng		
	(3) Diversified fa	arming	(4) Cooperative	farming		
9.	The Regional Ru	ral Bank was estab	lished in the year:			
	(1) 1955	(2) 1975	(3) 1965	(4) 1985		
10	The price elastici	ity of demand for s	salt is than fruits	•		
	(1) More	(2) Twice	(3) Less	(4) Four times		
		• (2)	(Continued)		



11.	. A line passing through least cost points on isoquant map is called.					
8	(1) Ridge line	2737	(2) P	rice line		
	(3) Expansion p	ath	(4) Is	socost line		
12.	There are	stages of prod	uction.			
	(1) 1	(2) 3	(3) 2		(4) 4	
13.	Many insects und	lergo aestivation in r	esponse to	o:		
8.	(1) Low tempera	ture	(2) Da	arkness		
Ţ	(3) High tempera	ature	(4) Hi	i gh humidity	*	
14.	4. Which one of the following honey bee species is of foreign origin:					
	`(1) Apis dorsata	Fab.	(2) Ap	ois indica F	ab.	
	(3) Apis mellifer	Z Linn.	(4) Ap	ois <i>florea</i> Fa	b.	
15.	'Silver shoots' in p	paddy are caused by				
	(1) Rice hispa	(2) Planthopper	(3) Ga	all midge	(4) Case worm	
16.	Thrips belong to the	he order :				
	(1) Psocoptera		(2) Ne	uroptera		
	(3) Strepsiptera		(4) Th	ysanoptera	•	
17.	The gram cutworn	n is active during :				
	(1) Summer	(2) Spring	(3) Wi	ntet	(4) Monsons	
4.		(3)	18		(Turn Other)	



18.	Holometabolous development occurs in:				
	(1) Butterfly	(2) Dragonfly	(3) Grasshopper	(4) Mealybug	
19.	Which one of the fe	ollowing insect path	ogens is highly host	specific:	
	(1) Beauveria bas	ssiana	(2) Bacillus thyringiensis		
(=)	(3) Nuclear polyh	edrosis virus	(4) Dutky nemato	de .	
20.	'Sooty mold' develof:	ops on the leaves and	panicles of mango du	e to the infestation	
	(1) Bark borer	(2) Gall midge	(3) Leaf hopper	(4) Stem borer	
21.	Parthenogenetic n	node of reproduction	n commonly takes pl		
	(1) Beetles	(2) Firefly	(3) Aphids	(4) Sawfly	
22.	Majority of egg p	arasitoids belong to	the insect order:	,	
	(1) Strepsiptera	(2) Lepidoptera	(3) Diptera	(4) Hymenoptera	
23	. The larvae of the	following insects an	e apodous :		
	(1) Whitefly	(2) Butterfly	(3) Fruit fly	(4) Dragonfly	
24	. Which one of the	following is the lar	gest insect order?		
	(1) Lepidoptera	(2) Coleoptera	(3) Hymenopter	a (4) Hemiptera	
		. (4)	(Continued)	



25.	Plant breeding method general specific trait:	ally used to i	mprove a well	adapted variety for
	(1) Pedigree	.(2)	Bulk	
ě	(3) Back cross	(4)	Pure line sel	ection
26.	Which breeding method is not a	appropriate f	or cross pollin	nated crops?
	(1) Mass selection	(2)	Pureline sele	ection
	(3) Back cross method	(4)	Heterosis bre	eeding
27.	Self pollinated species are also	known as :	3	
	(1) Allogamous	(2)	Cleistogamou	us .
	(3) Autogamous	(4)	Chasmogamo	ous
28.	Parent used only once in back ca	ross breeding	g method is ca	lled
	(1) Recurrent /(2) Donor	(3)	Male	(4) Female
29.	Somatic hybridisation is achieve	d through		
	(1) Grafting	(2)	Consugation	
	(3) Protoplast fusion	(4)	Recombinant	DNA technology
30.	The quickest method of plant bro	eding is		
	(1) Selection	(2),	Hybridisation	i Hie usi
	(3) Introduction	(4)	Material	distant di
		(5)		furn Over)



31.	Polyploidy in plants is	induced through			
	(1) Irradiation		(2)	Mutagenic ch	nemicals
	(3) Ethylene		(4)	Colchicine	
32.	Hexaploid wheats (Tr		ave	how many chi	romosomes in their
	(1) 46	2) 48	(3)	42	(4) 54
33.	A trait that only occu	rs in one gender is			9
	(1) Generic trait		(2)	Recessive tr	ait
	(3) Sex limited trait		(4)	Non sexual	trait
34.	Sex cells have	1.60		₩ Unit	
	(1) The same numb				
	(2) Half as many ch				
	(3) One quarter as r				
	(4) Twice as many	chromosomes as b	ody	cells	
35	. The backbones of th	e DNA double hel	ix ar	e made of	
	(1) Amino acids		(2	l) Lipids	
	(3) Sugars and phos	sphates	(4) RNA	
36	. A haploid cell conta				
	(1) Damaged chron		10000		
	(2) Only half the fi				
	(3) The usual com	75			
	(4) Twice the full	complement of chi	om(osomes	
		(6)		(Continued)



37.	The protective covering of sterile hyphae around an ascocarp is termed as:					
æ	(1) Periderm	(2) Peridium	(3)	Epiderm	(4)-Appendages	
	In Agaricus the fr	1844 P	e up of :	.#4 ≅		
J	(1) Tertiary myce	lium	(2)	Secondary my	ycelium	
	(3) Primary myce	elium	(4)	Diploid myce	lium	
39.	9. The Molya disease of wheat is caused by:					
	(1) Heterodera d	venae	(2)	Anguina tritic	ci	
	(3) Rotylenchus	robustus	(4)	Pratylenchus	penetrans	
40.	'Black heart' is a p	hysiological disor	der of :	¥: 5.1		
	(1) Tomato	(2) Chilli	(3)	Cabbage	(4) Potato	
41.	Tilletia causes the	disease:				
	(1) Rust .	(2) Bunt	(3)	Smut .	(4) Karnal Bunt	
42.	Who proposed a ci	assification of fun	gi whicl	h is now wi de ly	y accepted:	
	(1) Whittaker (19	69)	(2)	Walker (1957)	
	(3) Stakman and I	Harrar (1957)	(4)	Ainsworth (19	973)	
43. 211020	Leef curl of tobac	co is caused by:	N 6.0			
	(1) Nicotina virus	Ca-1		Nicotina virus	÷10	
	(3) MLO's		(4)	Viried.		



, 44.	A virus infecting a bacte	rium is :	E			
	(1) Plasmid		(2) Bacteriophage			
	(3) Bacterial DNA		(4) Bacterial RNA			
45.	'Tikka' disease is associ-	ated with:				
	(1) Wheat crop		(2) Tobacco crop	19		
	(3) Groundnut crop		(4) Sugarcane crop	P		
46.	Karnal bunt of wheat gives foul smell in the field due to presence volatile compound:					
	(1) Tetramethyl amine		(2) Trimethyl ami	ne		
	(3) Diallyl propyl sulp	phide	(4) Allyl propyl (disulphide		
√47.	Khaira disease of rice i	is due to the defi	ciency of:			
	(1) Zinc (2)	Molybdenum	(3) Copper	(4) Iron		
48.	Which of the following	disease was res	ponsible for the Irish	famine of 1845?		
	(1) Black rust of whea	ıt	(2) Early blight o	f potato		
	(3) White rust of must	tard	(4) Late blight of	potato		
49	"Bhat" soils of Uttar Pradesh posses soft lime (as free CaCO ₃ %) in subsoi to an extent of					
	(1) 1-5% (2)) 15-20%	(3) 30-40%	(4) 60-70%		
		(8)		(Continued)		



50.	Total degraded land area (mha) in India is				
	(1) 110-8	(2) 127-3	(3)	152-4	(4) 187-8
g 51.	Tensiometers mea	sure soil moisture te	nsion	(bar) only up to	o
	(1) 30.0	(2) 15-0	(3)	0.85	(4) 0.33
52.	Potassium (K*) is	present in crop plant	s as		
	(1) Cell wall	(2) Cell Sap	(3)	Mitochondria	(4) Nucleus
53.	Biurate content in	urea is permissible o	nly t	o an extent of	
100 000	(1) 1.5%	(2) 2-0 %	(3)	3.0 %	(4) 4.0%
54.	Which phosphate of	compound is present	in Sir	ngle Super phos	phate?
(*)	(1) CaHPO ₄	(2) Ca ₃ (PO ₄) ₂	(3)	Ca(H ₂ PO ₄) ₂	(4) H ₃ PO ₄
55.	Boron functions in	plants in		©	
82	(1) N-fixation		(2)	NO ₃ reduction	n
•1	(3) Fatty-acid synt	thesis	(4)	Sugar transloca	ation
		acteria oxidises Nitr			585/1 •• OX
· Ú	Conference (organical to the	SQ GOD 14 gre
	(1) Nitrosomonas		(2)	A Section	
	(3) Nitrospira		(4)	Alternation	mildo (1)

57.	The chemical formula of the liming compound "Dolomite" is					
	(1) CaCO ₃	(2) MgCO ₃	(3) CaMg(CO ₃) ₂	(4) CaO		
s 58.	Among various cl	asses of salt affected	l soils, the most perm	neable one is		
	(1) Saline	825	(2) Saline Sodic			
	(3) Non-Saline S	odic	(4) Degraded Sod	lic		
59.	Clay mineral illite	has C.E.C. [cmol. (o*)kg ⁻¹ } values rangit	ng between		
	^(1) 3-15	(2) 20-40	(3) 50-80	(4) 80-120		
250.	Which one is a se	dimentary rock?				
	(1) Sandstone	(2) Basalt	(3) Quartzite	(4) Diorite		
61.	Acid Growth The	ory explains the me	chanism of action of			
	(1) Auxin	(2) Gibberellin	(3) Cytokinin	(4) Ethylene		
62.	. Which of the fol	lowing is a non clim	acteric fruit?			
	(1) Banana	(2) Jackfruit	(3) Apple	(4) Grapes		
63	. The CO ₂ concen	tration in the atmosp	here presently is arou	und :		
	(1) 0.37 %	(2) 0.037 %	(3) 0.0037 %	. (4) 0.00037 %		
64	. Which cell orga	nelle is not involved	in photorespiratory	process directly?		
	(1) Chloroplast		(2) Peroxisome			
	(3) Mitochonda	ria	(4) Ribosomes			
		(1	0)	(Continued)		



65.	Which pigment is involved in flowering of plants?				
	(1) Cytochrome		(2)	Plastochrome	:
	(3) Phytochrome		(4)	Photochrome	
66.	Who proposed the	chemiosmoti	ic theory of A	TP synthesis	?
	(1) Hans Kreb	(2) Mitche	11 (3)	Calvin	(4) Huber
67.	Identify the substra	ate if the repi	ratory quotie	ent is 1.	
	(1) Oleic acid	(2) Casein	(3)	Citric acid	(4) Glucose
68.	Which of the follow	wing is a pent	ose sugar?		
	(1) Erythrose phos	sphate	(2)	Fructose phos	phate
	(3) Xylulose phosphate		(4)	Sedoheptulose phosphate	
69.	Identify the elemen	nt associated v	with nitrate r	eduction.	
***	(1) Zn	(2) K	(3)	Мо	(4) Ca
70.	Which of the follow	wing is abioti	c stress horn	none ?	
	(1) Phaseic acid	a.	(2)	Abscisic acid	
	(3) Gibberellic aci	id .	(4)	Nephthalin ac	etic acid
71.	Identify the plant he	ormone invol	ved in Apical	Dominance.	
	(1) Abscisic acid		(2)	Gibberellic ac	
	(3) Ethylene	7"	(4)	a, S. C. Briefin P.	of the second
			(11)	~	(Turn Over)



72.	Which of the following cell organelle is involved in storage of oil in seed?					
	(1) Lysosome		(2) (3	Blyoxysome		
	(3) Polysome		(4) P	eroxisome		
73.	Currently most con	nmonly used pa	ckaging ma	terial in India	is:	
	(1) Bottle	(2) Carton	(3) 1	Pouch	(4) Tetrapak	
74.	Oxidized flavour o	levelopment is c	atalyzed by	:	*	
	(1) Riboflavin		(2)	Vitamin C		
	(3) Manganese		(4)	Copper		
75.	Lactose can be pr	epared from:				
	(1) Sugarcane	(2) Sugarbee	t (3)	Milk	(4) Soy milk	
76.	National Dairy objective of taki	Development ng up the activit	Board (ND y of:	DB) was es	stablished with the	
	(1) Dairy research	ch	(2)	Dairy educat	ion	
	(3) Dairy Develo	opment	(4)	Dairy extens	sion	
77.	. As per PFA rules	fat content in sl	cim milk sh	ould be :		
	(1) Not less than	n 0·25%	(2)	Not more th	an 0·25%	
	(3) Not more that	an 0.5%	(4)	Not less that	n 0·5%	
			(12)		(Continued))



78.	The highest heat transfer value is in:				
	(1) Aluminium		(2) Copper		
	(3) Stainless stee	el ·	(4) Glass	**	
79.	In HTST pasteurization milk is heated to at least:				
	(1) 63°C	(2) 71·5°°C	(5)°75-5°C	(4) 80 °C	
80.	The time-temperature combination for proper pasteurization should be such that it gives a negative test for:				
	(1) Acid phospha	tase	(2) Alkaline plo	osphatase	
	(3) Both alkaline	and acid phosphatase	(4) Lactoperoxi	dase	
81.	The antioxidants i	n ghee can be added	at the rate of:		
	(1) 0-01 %	(2) 0.02 %	(3) 0-03 %	(4) Not allowed	
B2.	The optimum tem	perature for the grow	th of mesophilic b	acteria is :	
	(1) 20 °C - 22 °C		(2) 30 °C - 32°C		
	(3) 40 °C - 42 °C	W.	(4) 50 °C - 52°C		
B 3.	The overrun in ice	cream is	*	1401	
	(1) 75 %	(2) 50 %	(3) 125 %	(4) 100 %	
jų.	The normal titratable acidity in fresh cow milk is:				
	(1) 0-17%		(2) 0-21 Timbo	Bost method	
	(3) 0.15 %		(4) None and	maker (1)	
2 2		. (13)		



85.	The plant component broken first on addition in soil is			
	(1) Cellulose		(2) Hemicellulose	
	(3) Proteins	•	(4) Lignin	
86.	Which one is organic	nitrogenous fertil	lizer ?	
	(1) Ammonium sulph	nate	(2) Urea	
2	(3) Calcium Ammoni	ium Nitrate	(4) Ammonium Ch	loride
87.	Rhizobium strain suitable for inoculation of berseem seeds is			
	(1) R. trifolii		(2) R. Japonicum	
	(3) R. meliloti		(4) R. leguminosar	um
88.	8. Cropping system now popular in irrigated north Indian states is			is
	(1) Paddy-Mustard	959	(2) Paddy-Wheat	
	(3) Maize-Wheat-Gr	reen gram	(4) Paddy-Potato	
89.	C/N ratio of stable so	il O/M is about		
	(1) 30:1	2) 20:1	(3) 10:1	(4) 25:1
90.	Nutrient ion liable to	be fixed in 2:1	clay mineral is	
	(1) H ₂ PO ₄ (2) Fe**	(3) NH ₄ +	(4) Zn**
91.	Best method of irriga	ation in potato cre	op is	
	(1) Border strip		(2) Flooding	
	(3) Furrow		(4) Basin, method	
		(14)	(Continued



92.	Most effective weedicide as pre-emergence weedcontrol in maize crops is:					
	(1) Butachlor		(2) Simazine			
٠	(3) Isoproturon		(4) 2, 4-D			
	e e		₩ ₩ 60 ₩ 60			
93.	Zinc is absorbed by the plant from the soil in the ionic form					
	(1) Zn	(2) Zn***	(3) Zn [↔]	(4) ZnO		
94.	Optimum temperat	ure for normal wh	eat sowing is:			
	(1) 15°C - 20°C		(2) 20 °C - 2	5 °C		
	(3) 30 °C - 35 °C		(4) 25 °C - 3	0°℃		
95.	Which one is a C ₄ o	rop Plant?				
	(1) Pigeonpea		(2) Wheat			
	(3) Sugarcane		(4) Mustard	8		
96.	Organic matter content in most Indian soils range between					
	.(1) 0.5-2		(2) 3-4	*		
•	(3) 0.2-0.4	*	(4):5-6, perc	ent on dry basis		
9 7.	e-extension is best suited for					
£.	(1) adoption of inn	ovations				
	(2) dissemination of information					
	(3) exchange of or	enoinions :				
	(4) crop husbandry	only	real!			
		(15	S) * *			



98. Lab to land project advocate by

	(1) UNO (2) World Bank (3) ICAR (4) C	SIR	
99.	If rural people organize themselves into cooperatives, the agricultural extension.	task	of
	(1) will become more difficult		
	(2) will become easier		
	(3) will be easy in marketing, but more difficult in other areas of a	gricultu	ıre
	(4) will be no different than otherwise		
100	. Use of the Kisan Call Centre shows		
	(1) that the farmer wants information about the technology.		
	(2) the farmer wants to pass the time somehow.		
	(3) the Govt. has enough money so it can waste a little.		
	(4) the farmer is not bothered about actual advances in science and	technolo	ogy.
101	1. A better criterion of evaluating extension work is		
	(1) the total crop yields in the village.		
	(2) the total additional income generated in the village.		
	(3) the increase in the number of wine/liquor shops in the village.	į	
	(4) the improvement in the socio-economic status of the villagers	S.	
102	2. Most of our farmers are illiterate or nearly so. Therefore, (best alternative):	choose	e the
	(1) Extension education is not useful for them.		
	(2) Extension education is a useful means of educating them.		
	(3) They cannot understand the difficult lessons of science.		
	(4) Agricultural research connot be of great use to them.		
	. (16.)	(Contin	wed



103. Choose the most correct statement:

- (1) Research work is not dependent upon extension work.
- (2) Extension work is not dependent upon research work.
- (3) Extension work is dependent upon research work.
- (4) Research work and extension work are interdependent.

104. The following crops are suitable for extension education:

- (1) Cash crops only
- (2) Wheat only
- (3) All types of crops
- (4) Fruit crops only

105. Choose the most correct statement:

- (1) People are creatures of habit and habits die hard regardless of any amount of education.
- (2) Constantly mildly educating the farmers can bring about behavioural change.
- (3) The cost and efforts involved in educating farmers is not justified by the results.
- (4) Extension education is only a wastage of time and resources.

106. Extension education is a

- (1) physical science
- (2) social science
- (3) biological science
- (4) mathematical science

(Turn Over)

(17)



107.	107. Result demonstration is suited for				
	(1) only fertilizer applications				
	(2) fertilizer and pesticide applications	only			
	(3) nutritional trials in home science on				
	(4) all cases where we wish to sho	w the results of recommended			
	technologies in the farmer's situation	on.			
108.	The best extension method is				
	(1) individual contact				
	(2) group contact				
	(3) mass contact				
	(4) dependent upon the situation and the	e subject-matter			
109.	09. Which one of the following is known as "Queen of Flowers"?				
	(1) Rose	(2) Tuberose			
	(3) Marigold	(4) Chrysanthemum			
	•				
110.	Which one of the following is a mutant	variety of Papaya?			
	(1) Co-2	(2) Pusa Nanha			
¥	(3) Pusa Majesty	(4) Coorg Honey Dew			
111.	Most serious pest of Mango is				
	(1) Aphid	(2) Jassid			
	(3) Mango hopper	(4) Termite			

(18)



(Continued)

144			977		
112	112. Which of the following is a dioecious vegetable crops?				
	(1) Pumpkin		(2) Pointedgourd	Les	
	(3) Spongegourd		(4) Ridgegourd		
113	. Whiptail disorder	is found in		¥	
	(1) Cauliflower	(2) Cabbage	(3) Onion	(4) Knol khol	
114.	Requirement of fr	uit per capita per day (2) 150g	is (3) 120g	(4) 200g	
115.	Where does India	rank in production of	vegetables in the wo	orld?	
	(1) First	(2) Second	(3) Third	(4) Fourth	
116.	Which one of the fe	ollowing is known as	"Poor Man's Apple	?	
	(1) Mango	(2) Litchi	(3) Ber	(4) Banana	
117.	Yellow colour of P	apaya is due to :			
	(1) Papain	(2) Lycopene	(3) Caricaxanthin	(4) Carotene	
118.	Pressure Tester is	used for	×	:	
	(1) Maturity		(2) Ripening		
	(3) Handling		(4) Grading	85	
	- 54	(19)	* *	(Turn Over)	



119.	Waxing enhances the shelf life of fruits because it checks			
120	(1) Transpiration		(2) Respiration	
	(3) Ripening		(4) Transpiration	on & Respiration
	. Which one of the	e following is rich	est source of vitamin	'A' ?
	(1) Apple	(2) Mango	(3) Papaya	(4) Guava

B-5,500



अभ्यर्थियों के लिए निर्देश

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

- प्रश्न पुस्तिका मिलने के 10 मिनट के अन्दर ही देख ले कि प्रश्नपत्र में सभी पृष्ठ मौजूद है और कोई प्रश्न खूटा नहीं है। पुस्तिका दोचयुक्त पाये जाने पर इसकी सूचना तत्काल कक्ष निरीक्षक को देकर सम्पूर्ण प्रश्नपत्र की दूसरी पुस्तिका प्राप्त कर लें।
- 2. परीक्षा भवन में *लिफाफा रहित प्रवेश-पत्र के अतिरिक्त*, लिखा या सादा कोई भी खुला कागज साथ में न लायें।
- 3. उत्तर-पत्र अलग से दिया गया है। इसे न तो मोई 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 पेन से अपना अनुक्रमांक निर्धारित स्थान पर लिखें तथा नीचे दिये वृत्तों को गाइ। 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 । प्रात्येक प्रश्न के वैका्पिक 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 गावा 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. ध्यान दें कि एक बार स्याही द्वारा अंकित उत्तर बदला नहीं जा सकता है। यदि आप किसी प्रश्न का उत्तर नहीं देना बाहते हैं, तो सम्बन्धित पंक्ति के सामने दिये गये सभी वृत्तों को खाली छोड़ दें। ऐसे प्रश्नों पर शून्य अंक दिये जायेंगे।
- 11. रफ कार्य के लिये इस पुस्तिका के मुखपृष्ठ के अंदर वाला पृष्ठ तथा अंतिम खाली पृष्ठ का प्रयोग करें।
- 12. परीक्षा के उपरान्त केवल ओ, एम, आर, उत्तर-पत्र ही परीक्षा भवन में जमा करें।
- 13. परीक्षा समाप्त होने से पहले परीक्षा भवन से बाहर जाने की अनुमंति नहीं होगी।
- 14. यदि कोई अध्यर्थी परीक्षा में अनुचित साधनों का प्रयोग करता है, तो वर विश्वविद्यालय द्वारा निर्धारित दंड का/की भागी होगा/होगी ।

