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Maximum: 100 marks

Time: 1 hour and 30 minutes

Mat	ch Lis	st I with List II				
List	I		List	II		
(a)	Abso	cisic Acid	(i)	Growth retardant		
(b)	Mal	eic hydrazide	(ii)	Lodging preventor		
(c)	NAA	A	(iii)	Defoliant		
(d)	Cyc	ocel	(iv)	Fruit thinner		
Cho	ose th	e correct answer from the options giv	en belov	v:		
	(A)	(a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)	(B)	(a)-(iii), (b)-(iv), (c)-(ii), (d)-(i)		
	(C)	(a)-(iii), (b)-(i), (c)-(iv), (d)-(ii)	(D)	(a)-(iv), (b)-(iii), (c)-(i), (d)-(ii)		
Mat	ch Lis	st I with List II				
List	I		List	II		
(a)	Law	of minimum	(i)	Wilcox		
(b)	Inve	erse yield nitrogen law	(ii)	Blackman		
(c)	Law	of optima and minimum factors	(iii)	Mitscherlich		
(d)	Law	of diminishing returns	(iv)	Justus Von Liebig		
Choose the correct answer from the options given below:						
	(A)	(a)-(iv), (b)-(iii), (c)-(i), (d)-(ii)	(B)	(a)-(ii), (b)-(i), (c)-(iv), (d)-(iii)		
	(C)	(a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)	(D)	(a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)		
Whi	ch of	the following is a secondary tillage in	nplemen	t?		
	(A)	Mouldboard plough	(B)	Country plough		
	(C)	Disc harrow	(D)	Basin lister		
-			nt of cro	ops or crops and fallow in an area is		
	(A)	Farming system	(B)	Cropping pattern		
	(C)	Cropping system	(D)	Crop rotation		
		-	mmonly	used for determining soil moisture		
	(A)	Pressure plate apparatus	(B)	Tensiometer		
	(C)	Neutron probe	(D)	Gypsum block		
		3		ID TO O		
	List (a) (b) (c) (d) Cho Mat List (a) (b) (c) (d) Cho Whi	List I (a) Absolution (b) Mal (c) NAA (d) Cycc Choose th (A) (C) Match List List I (a) Law (b) Inve (c) Law (d) Law Choose th (A) (C) Which of (A) (C) The year known as (A) (C) Which ar potential (A)	(a) Abscisic Acid (b) Maleic hydrazide (c) NAA (d) Cycocel Choose the correct answer from the options give (A) (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i) (C) (a)-(iii), (b)-(i), (c)-(iv), (d)-(ii) Match List I with List II List I (a) Law of minimum (b) Inverse yield nitrogen law (c) Law of optima and minimum factors (d) Law of diminishing returns Choose the correct answer from the options give (A) (a)-(iv), (b)-(iii), (c)-(i), (d)-(ii) (C) (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv) Which of the following is a secondary tillage in (A) Mouldboard plough (C) Disc harrow The yearly sequence and spatial arrangement known as: (A) Farming system (C) Cropping system Which among the following methods is copotential under laboratory conditions? (A) Pressure plate apparatus (C) Neutron probe	List I (a) Abscisic Acid (b) Maleic hydrazide (c) NAA (iii) (d) Cycocel (iv) Choose the correct answer from the options given below (A) (a)-(ii), (b)-(ii), (c)-(iv), (d)-(i) (B) (C) (a)-(iii), (b)-(i), (c)-(iv), (d)-(ii) (D) Match List I with List II List I (a) Law of minimum (i) (b) Inverse yield nitrogen law (ii) (c) Law of optima and minimum factors (iii) (d) Law of diminishing returns (iv) Choose the correct answer from the options given below (A) (a)-(iv), (b)-(iii), (c)-(i), (d)-(ii) (B) (C) (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv) Which of the following is a secondary tillage implement (A) Mouldboard plough (B) (C) Disc harrow (D) The yearly sequence and spatial arrangement of created and spati		

6.	National Centre for Organic and Natural Farming is located at:						
	(A)	Karnal	(B)	Ghaziabad			
	(C)	Hyderabad	(D)	Kanpur			
7.	Given bel	ow are two statements :					
	Statemen	t I: Crop associated weeds climate and ready cont		due to mimicry, need for specific micro he crops.			
	Statemen	t II: Crop associated weeds	are parasitic in r	nature.			
	Choose th	e most appropriate answer	from the options $\mathfrak g$	given below.			
	(A)	Both statement I and II ar	e true				
	(B)	Both statement I and II ar	e false				
	(C)	Statement I is true but sta	tement II is false	•			
	(D)	Statement I is false but sta	atement II is true	,			
8.	A short di	uration rice variety :					
	(A)	Jaya	(B)	Ponni			
	(C)	Prathyasa	(D)	Uma			
9.	Kerala is divided into how many agro-ecological units based on climate, land forms and soils with panchayats as the primary unit:						
	(A)	20	(B)	15			
	(C)	23	(D)	5			
10.	Which of the following is a water soluble phosphatic fertilizer?						
	(A)	Rock phosphate	(B)	Dicalcium phosphate			
	(C)	Basic slag	(D)	Single super phosphate			
11.	Which of the following GM food crop was approved by Indian Government for the environmental release during 147 th meeting of Genetic Engineering Appraisal Committee (GEAC) on 18 October, 2022 for its seed production and testing as per existing ICAR guidelines?						
	(A)	Brinjal	(B)	Mustard			
	(C)	Chickpea	(D)	Maize			
12.	In controlled atmospheric storage, what is the common practice to regulate the concentrations of gases, apart from the temperature and humidity of the container?						
	(A)	Only oxygen					
	(B)	Only carbon dioxide					
	(C)	Reduced oxygen and increa	ased carbon dioxi	de			
	(D)	Reduced carbon dioxide an	nd increased oxyg	en			

13.	Which of the following is the process of making projections of demand for seed products by examining past and present performance levels, combined with an assessment of available products and markets?							
	(A)	Seed pricing	(B))	Seed marketing			
	(C)	Sales return seed	(D))	Demand forecasting			
14.		Who is responsible to ensure that seeds meet all required quality standards in participating countries like India for certification under OECD scheme?						
	(A)	(A) Indian Council of Agricultural Research (ICAR)						
	(B)	National Designated Author	ority (NDA)					
	(C)	National Seed Corporation	(NSC)					
	(D)	National Seed Association	of India (NSAI))				
15.	Moisture	Moisture resistant containers are those which:						
	(A)	(A) Allows both in the form of vapour and water						
	(B)	(B) Allows moisture in the form of water but not in the form of vapour						
	(C)	(C) Allows moisture in the form of vapour but not in the form of water						
	(D) Does not allow both in the form of vapour and water							
16.	Crops which are categorized in to often cross pollination behaviour:							
	(A)	A) Cotton, Sorghum, Pigeonpea, Safflower						
	(B)	3) Wheat, Ragi, Grams, Groundnut						
	(C)	Maize, Mustard, Sunflower, Sugarcane						
	(D)	(D) Rice, Soybean, Sunnhemp, Tomato						
17.					asing their weight, size and shape in and depth of seed in the field is known			
	(A)	Seed Coating	(B))	Seed Priming			
	(C)	Seed Hardening	(D))	Seed Pelleting			
18.		ies which are being released Act 1966 :	in India are no	tif	fied under the section ———— of			
	(A)	Section 5	(B))	Section 8			
	(C)	Section 13	(D))	Section 25			
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19.	Whi	ch of	the following included in the normal se	edling	s while conducting germination test?				
		(A)	A) Stunted, stubby and retarded						
		(B)	Damaged, deformed and decayed						
		(C)	Intact, slight defects and secondary in	fectio	on				
		(D)	Spindly, necrotic and stubby						
20.	Which type of hybrid seed production tool is being employed in pigeon pea hybridization process?								
		(A)	CMS (Cytoplasmic Male Sterility)						
		(B)	GMS (Genetic Male Sterility)						
		(C)	CGMS (Cytoplasmic-Genetic Male Ste	erility)				
		(D)	EGMS (Environment-sensitive Genic	Male	Sterility)				
21.	An e	examp	ole of an internal feeding stored pest:						
		(A)	$Callos obruchus\ sp.$	(B)	Trogoderma granarium				
		(C)	Corcyra cephalonica	(D)	Tribolium castenum				
22.	Colla	ateral	l weed host of blast of rice :						
	(i)	(i) Panicum repens							
	(ii)	Digi	itaria marginata						
	(iii)	Che	$nopodium\ amar anthicolor$						
	(iv)	Con	nvolvulus arvensis						
		(A)	(i) and (ii)	(B)	(iii) and (iv)				
		(C)	(i), (ii), (iii) and (iv)	(D)	None of the above				
23.	Kres	sek sy	emptom in rice seedlings is caused by:						
		(A)	Xanthomonas oryzae pv. oryzicola						
		(B)	Pseudomonas syringae pv. oryzae						
		(C)	Xanthomonas campestris pv. campestr	is					
		(D)	Xanthomonas oryzae pv. oryzae						
24.	Suga	arcan	e variety resistant to red rot :						
		(A)	Geethika	(B)	Madhurima				
		(C)	Vellayani Hraswa	(D)	Deepthi				

25.	Fung	ricide	used for seed treatment:		
		(A)	Hexaconazole	(B)	Tridemorph
		(C)	Carbendazim	(D)	Copper oxy chloride
26.	Phyto	oplas	mal disease of rice :		
		(A)	Rice tungro	(B)	Rice ragged stunt
		(C)	Grassy stunt	(D)	Yellow dwarf
27.	Citru	ıs gre	eening is caused by :		
		(A)	Candidatus Liberibacter asiaticus a	nd Can	didatus Liberibacter africanus
		(B)	$X anthomonas\ citri$		
		(C)	Xylella fastidios a		
		(D)	Leifsonia xyli sub sp. xyli		
28.	Disea	ases f	avoured by dry weather :		
	(i)	Fusa	arial wilt		
	(ii)	Cha	rcoal rot		
	(iii)	Vert	icillium wilt		
	(iv)	Pow	dery mildew		
		(A)	(i) and (ii)	(B)	(ii) and (iii)
		(C)	(iii) and (iv)	(D)	(i), (ii), (iii) and (iv)
29.	Thrip	os tra	insmitted viral disease :		
		(A)	Leaf curl of tomato	(B)	Tomato Spotted wilt virus
		(C)	Yellow vein mosaic of bhindi	(D)	Ground nut rosette
30.	Nema	atode	e associated disease :		
		(A)	Phloem necrosis of coffee	(B)	Molya disease of wheat
		(C)	Cadang- cadang of coconut	(D)	Banana bunchy top
31.	The r	emov	val of field heat after harvest is know	n as :	
		(A)	Modified atmospheric packaging		
		(B)	Controlled Atmosphere Storage		
		(C)	Pre-Cooling		
		(D)	Cooling		
_			_		

32.	The matu	rity stage at which produce atta	ains maximun	n growth and maturation is called:
	(A)	Horticultural Maturity	(B)	Physiological Maturity
	(C)	Commercial Maturity	(D)	Harvest Maturity
33.	Central F	ood Technological Research Ins	titute (CFTRI) is located at :
	(A)	Chennai	(B)	Bengaluru
	(C)	Thiruvananthapuram	(D)	Mysore
34.	Chemical	used in lye peeling is:		
	(A)	Sodium hydroxide	(B)	Sodium chloride
	(C)	Sulphur dioxide	(D)	Sodium carbonate
35.	A fruit pr	reserve made from the juice and	d peel of citru	s fruits boiled with sugar and water is
	(A)	Candy	(B)	Glazed fruit
	(C)	Jelly	(D)	Marmalade
36.	Soaking t	he stem of cut flower into a solu	ıtion containir	ng sucrose to extend vase life is called :
	(A)	Pulsing	(B)	Blanching
	(C)	Sulphuring	(D)	Bleaching
37.	Immature	e vegetable suitable for waxing	is:	
	(A)	Cucumber	(B)	Okra
	(C)	Chilli	(D)	Onion
38.	The enzy	me associated with the softening	g of fruits is :	
	(A)	Hydrogenase	(B)	Pectinase
	(C)	Maltase	(D)	Dehydrogenase

39.	Ethylene	is commonly known as :					
	(A)	Rooting hormone	(B)	Senescing hormone			
	(C)	Flowering hormone	(D)	Ripening hormone			
40.	The enzyme which is responsible for browning of fruits and vegetables is:						
	(A)	Amylase	(B)	Polyphenol oxidase			
	(C)	Protease	(D)	Lipo oxidase			
41.	Current c	hairman of Commission for Agri	cultural Cost	es and Prices :			
	(A)	Prof. Vijay Paul Sharma	(B)	Dr. Ashok Gulati			
	(C)	Dr. Abhijit Sen	(D)	Prof. S. Mahendra Dev			
42.	These ma	rkets are of a permanent nature	:				
	(A)	Short period	(B)	Long period			
	(C)	Terminal market	(D)	Secular market			
43.	For smal surplus.	l and marginal farmers mar	keted surplu	as will be — marketable			
	(A)	More than	(B)	Equal			
	(C)	Less than	(D)	Not comparable			
44.	Which one is not a public agricultural market information provider?						
	(A)	NHB	(B)	APEDA			
	(C)	Cargil	(D)	NAFED			
45.	Which one of the following is NOT a component of the Agreement on Agriculture?						
	(A)	Market Access					
	(B)	Domestic Support					
	(C)	Export Competition					
	(D)	Sanitary and Phyto-sanitary n	neasures				
46.	Theory of	Absolute Advantage was introd	uced by :				
	(A)	Adam Smith	(B)	David Ricardo			
	(C)	Miranda	(D)	Robins			
47.	CPT stan	ds for :					
	(A)	Cost Paid to Destination	(B)	Carriage Paid to Destination			
	(C)	Cost Paid to Port	(D)	Carriage Paid to Port			

48.	In the following marketing functions which one is not a facilitating function (Khol and Uhl classification):					
	(A)	Financing	(B)	Risk taking		
	(C)	Transportation	(D)	Standardization		
49.		e sellers are able to get the tru h of their money is termed as :	e value of th	eir produce and the consumers receive		
	(A)	Technical Efficiency	(B)	Physical Efficiency		
	(C)	Pricing Efficiency	(D)	Operational Efficiency		
50.	Which on	e is not a part of marketing cost	:?			
	(A)	Cost of packing	(B)	Transport		
	(C)	Loading and unloading	(D)	Cost of production		
51.	(cream di	igging) and short hoist distan	ces and finis			
	(A)	Discontinuous Unloading	(B)	Grab Unloading		
	(C)	Pneumatic Unloading	(D)	Continuous Unloading		
52.	Oxidation affects the sulfhydryl group and increases number of S S links of cystine which in turn enhances the :					
	(A)	gluten strength	(B)	kneading quality		
	(C)	fermentability	(D)	acceptability of the baked goods		
53.		oryzanol containing oil is a property contain ————————————————————————————————————		ng oil and is extracted from rice bran		
	(A)	08-13	(B)	5-10		
	(C)	18-20	(D)	12-17		
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54.	The clearance between the emery roller and cage will gradually narrows from inlet to outlet allowing the material to pass through the narrowing clearance, mainly cracking and scratching of husk take place by friction between pulses and emery is known as:						
	(A)	Popping	(B)	Pitting			
	(C)	Splitting	(D)	Polishing			
55.	Quick coo	•	ce foods having	g the technological advancement where			
	(A)	Cooked to complete doneness					
	(B)	Cooked to dextrinized the sta	rch and dried				
	(C)	Cooked to gelatinize the stard	ch and dried				
	(D)	Roasted to retrograde the sta	rch				
56.	the equil	-		haracteristics depending upon whether or desorption of the moisture. This			
	(A)	Cooling	(B)	Non dynamic lag			
	(C)	Bound moisture	(D)	Hysterisis			
57 .	Similarity	theory includes —	– and ––––	—— models.			
	(A)	Mathematical and empirical	models				
	(B)	Constitutive and mechanical models					
	(C)	Hooke's and Newton's models					
	(D) Saint-Venant's and rheological models						
58.	highly en	•	high outputs,	vely — which make them the direct expanded products found in ern.			
	(A)	No residence times					
	(B)	Short residence times					
	(C)	Moderate residence times					
	(D)	High residence times					
A			11	219/2023			

[P.T.O.]

59.	Important include.	applications of the solid-liquid ext	ractio	n in — the food industry			
	(A)	Percolation of materials					
	(B)	Lixiviation of sugarcane to sugar					
	(C)	Leaching of solids in liquid					
	(D)	Extraction of animal and vegetable oi	ls and	d lipids			
60.		of the mathematical model set up		of processed fluids intervene in the the diverse operations that form a			
	(A)	Gela consistency	(B)	Viscosity			
	(C)	Mouthfeel	(D)	Syneresis			
61.		Which of the following statements accurately describes the consequence of the viscous flow of a Newtonian fluid?					
	(A)	It leads to a fully recoverable deforma	ation				
	(B)	It causes a temporary deformation th	at eve	entually recovers			
	(C)	(C) It results in a permanent, nonrecoverable deformation					
	(D)	It has no effect on the deformation of	the flu	uid			
62.	The know necessary.	rledge of aerodynamic and hydrody	namio	c properties of the ————— is			
	(A)	Agricultural products	(B)	Pharma products			
	(C)	Automobiles	(D)	Construction materials			
63.	Which of t	he following is the antibacterial substa	ance is	s present in milk?			
	(A)	Lactalbumin	(B)	Lactoferrin			
	(C)	Lacoglobulin	(D)	Casein			
64.	Which of the following is NOT a result of 'electrical stimulation' of a carcass during slaughter and dressing operations of food animals?						
	(A)	Prevents Cold Shortening	(B)	Accelerate Cold Shortening			
	(C)	Improves Colour and Tenderness	(D)	Accelerate Glycolysis			

65 .	Whi	ch con	npound that may be present in sn	noke is card	zinogenic?	
		(A)	Benzyl pyrenes	(B)	Carbonyls	
		(C)	Aldehydes	(D)	PAH	
66.	The	Haug	h index is used to determine the i	internal qua	ality of:	
		(A)	Milk	(B)	Meat	
		(C)	Paneer	(D)	Egg	
67 .	Which		the following dairy products has	its prepar	ation stages explained by Rahn's foam	
		(A)	Pasteurized milk	(B)	Cream	
		(C)	Ghee	(D)	Butter	
68.	Whi	ch of t	the following statements is/are co	rrect about	High Pressure Processing?	
	(i)		s more suitable for food pro shmallows.	ducts such	n as mushrooms, leafy greens and	
	(ii)		ing high-pressure food processing ainers and submerged in pressur	_	d product is pre-packaged in flexible	
	(iii)	High MPa		only employ	vs pressures ranging from 4000 to 6000	
		(A)	Statement (i) and (ii)	(B)	Statement (ii) and (iii)	
		(C)	Statement (ii) only	(D)	Statement (i) only	
69.	Which form of radiation application in food is comparable to "commercial sterilisation' and utilises higher doses of radiation?					
		(A)	Radurisation	(B)	Radappertisation	
		(C)	Radicidation	(D)	Lyophilisation	
70.			the following applications of vobserved?	ıltrasonic t	echnology in food processing is NOT	
		(A)	Enhancing the drying rate of fru	uits		
		(B)	Emulsification and mixing of foo	od ingredier	nts	
		(C)	Increasing the shelf life of dairy	products		
		(D)	To accelerate the fermentation p	process		
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65.

71.	Which of the following statements is/are correct about the common application of Pulsed Light Technology in food processing?							
	(i)	Use	d for surface sterilisation of package	ing mater	ials			
	(ii)	Use	d for reducing microbial contaminat	tion on fru	its and vegetables			
	(iii)	Use	d to improving the texture of meat 1	products				
	(iv)	Used for inactivating enzymes in beverages						
		(A)	Statement (i), (ii) and (iv)	(B)	Statement (ii) and (iii)			
		(C)	Statement (ii) only	(D)	Statement (i) and (iv) only			
72.			he typical range of wavelengths for ination?	r UV ligh	t used in food processing for microbial			
		(A)	100-280 nm	(B)	280-400 nm			
		(C)	400-700 nm	(D)	700-1000 nm			
73.	Yoghurt is made using mixed culture of <i>S.thermophilus</i> and <i>L.bulgaricus</i> in a ————ratio:							
		(A)	3:1	(B)	2:1			
		(C)	1:1	(D)	1:2			
74.	Sau	erkraı	ut is a fermented food prepared usin	ng:				
		(A)	Milk	(B)	Cabbage			
		(C)	Soyabean	(D)	Wheat			
75.			—— refers to the degree Fahrenho	eit require	ed for the thermal destruction curve to			
	trav	erse o	one log cycle :					
		(A)	Z-value	(B)	D-value			
		(C)	F-value	(D)	P-value			
76 .	The	toxin	cereolysin is produced by :					
		(A)	S.aureus	(B)	B.cereus			
		(C)	C.perfringens	(D)	All of these			

77.	When cows eat feed containing aflatoxin B ₁ and B ₂ , aflatoxin ————————————————————————————————————							
	(A)	B_1 and B_2	(B)	G_1 and G_2				
	(C)	M_1 and M_2	(D)	B_1 and G_1				
7 8.	Fermente	ed milk prepared using mare's	milk:					
	(A)	Kefir	(B)	Kishk				
	(C)	Kumiss	(D)	Tempeh				
7 9.		e considered to be chemicall reater than or equal to:	y unstable and	d microbiologically unsafe at a wate	r			
	(A)	0.25	(B)	0.8				
	(C)	0.4	(D)	0.6				
80.	A disaccharide which is a reducing sugar and commercially produced by specific enzyme catalysed hydrolysis of starch using β -amylase is :							
	(A)	Sucrose	(B)	Fructose				
	(C)	Maltose	(D)	Lactose				
81.	If a oil is cooled slowly, there will be formation of mixed crystals instead of farming a solid solution because:							
	(A) Higher melting point Triglyceride crystallize first							
	(B)	(B) Low melting point Triglyceride crystallise last						
	(C)	Both (A) and (B)						
	(D)	None of these						
82.	As per Nutritional classification of proteins which of the following can be called as complete proteins:							
	(A)	Egg	(B)	Wheat				
	(C)	Gelatin	(D)	Zein				
83.	Browning observed on the cut surfaces of light coloured vegetables and fruits is due to the action of:							
	(A)	Amylase	(B)	Lactase				
	(C)	Lipase	(D)	Phenolase				
84.	Acrolein, a compound which causes irritation to eyes and nostrils is formed from fat due to:							
	(A)	Enzymatic hydrolysis	(B)	Non-enzymatic hydrolysis				
	(C)	Pyrolysis	(D)	None of these				
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85.	The technology used for food analysis in which sample is introduced into the flame where metal atoms are liberated:						
		(A)	AAS	(B)	HPLC		
		(C)	FPLC	(D)	TLC		
86.	International regulatory body for fixing standard for foods to ensure proper quality:						
		(A)	ISI	(B)	Codex Alimentarius		
		(C)	AGMARK	(D)	BIS		
87.			such as dried fruits and vegeta	ables candi	ies, Kasl-Fischer Titration is used to		
		(A)	Fat	(B)	Protein		
		(C)	Water	(D)	Sugar		
88.	The detector used in Gas chromatography which is a common technique for anlaysis of pesticides residues:						
		(A)	ECD	(B)	NPD		
		(C)	FID	(D)	All of these		
89.	The most common radiation source for visible spectrophotometer is:						
		(A)	Aluminium lamp	(B)	Magnesium lamp		
		(C)	Tungsten lamp	(D)	Sodium lamp		
90.	Which of the following are considered as functions of packaging?						
	(i)	Exte	ending shelf life of the commodity				
	(ii)	Enh	ancing marketable distance				
	(iii)	Prot	ecting nutritional quality				
		(A)	Only (i)	(B)	Only (i) and (ii)		
		(C)	Only (i) and (iii)	(D)	All the above		
91.	Which of the following statement is/are correct about vacuum packaging?						
	(i) Helps to reduce respiration rate of perishable commodities						
	(ii) Suitable for all commodities						
	(iii) Selection of packaging materials plays an important role						
		(A)	Only (i)	(B)	Only (i) and (ii)		
		(C)	Only (i) and (iii)	(D)	All the above		

92 .	Which of the following statement is/are not correct about Modified Atmospheric Packaging?							
	(i)	Choice of oxygen scavenger depends on nature of foods						
	(ii)	Very low oxygen concentration results in regular ripening in banana						
	(iii)	ii) May stimulate sprouting in tuber crops						
		(A)	Only (i)	(B)	Only (ii)			
		(C)	Only (iii)	(D)	All the above			
93.	Which of the following conditions is / are correct while designing cold storage?							
	(i)	RH of the storeroom should be kept as high as 85-90% for most of the perishables						
	(ii)	Square shaped structure is better for temperature management.						
	(iii)	Intermittent warming can be recommended to prevent chilling injury						
		(A)	Only (i) and (ii)	(B)	Only (ii)			
		(C)	Only (i) and (iii)	(D)	All the above			
94.	Whi	Which of the activities can be done using a FFS packaging machine?						
		(A)	Filling, Folding and Sealing					
		(B)	Folding, Framing and Strapping					
		(C)	Forming, Filling and Sealing					
		(D)	Framing, Folding and Sealing					
95.	Whi	Which of the following statement is/are correct about HACCP?						
	(i)	First used by the Pillsbury Company to produce safe and quality food for astronauts in the space program						
	(ii)	Can be used by any organization directly or indirectly involved in the food chain						
	(iii)	It is a systematic approach to identification, evaluation, and control of food safety hazards based on seven principles						
		(A)	Only (i) and (ii)	(B)	Only (ii)			
		(C)	Only (i) and (iii)	(D)	All the above			
96.	Which of the following statement is/are correct in selection of test subjects in a sensory panel?							
	(i)	Younger persons having more taste buds must be selected for good results.						
	(ii)	Test subjects should not have above-normal sensitivity						
	(iii)	Smokers and non- smokers are suitable in sensory panel						
		Only (ii)						
		(C)	Only (ii) and (iii)	(D)	Only (i) and (iii)			

97.	The regulatory portal on Organic Food from India is:							
		(A)	Oranic India	(B)	Jaivik Bharat			
		(C)	Vegan Bharat	(D)	No regulatory portal so far			
98.	Which of the following statement is/ are correct regarding gustation?							
	(i)	All the four types of papillae in the human tongue are involved in gustation						
	(ii)	A super taster is a person whose sense of taste is significantly more sensitive than average						
	(iii)	Proper swallowing of food sample is recommended to improve sensitivity						
		(A)	Only (i)	(B)	Only (ii)			
		(C)	Only (iii)	(D)	None of the above			
99.	Which of the following statement is/ are correct related to sensory methods in Food Technology?							
	(i)	Flavour profile Analysis is referred as mother of descriptive evaluation methods						
	(ii)	Spider chart is a graphical representation of acceptability in sensory tests						
	(iii)	Quantitative descriptive analysis of products is based on the perceptions from group of qualified subjects						
		(A)	Only (i) and (ii)	(B)	Only (ii) and (iii)			
		(C)	Only (iii)	(D)	All the above			
100.	. Which of the following statement is/ are correct about FSSAI?							
	(i)	Food Safety and Standard Act was established in 2006						
	(ii)	Comes under Ministry of Food Processing Industry						
	(iii)	Initiated "clean street food hub" under the umbrella of "Eat right India" movement						
		(A)	Only (i) and (iii)	(B)	Only (i)			
		(C)	Only (i) and (ii)	(D)	All the above			

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