## 618-FOOD SCIENCE

(FINAL)

1.	Lecith	nins are structurally like fats but contain
	(A)	sulphuric acid
	(B)	<u>=</u>
	(C)	
	(D)	1 1
	( )	
2.	The e	nzyme which improves whipping quality of dried egg white, is
	(A)	carbohydrases
	(B)	proteases
	(C)	pectinases
	(D)	lipases
3.	This i	s a natural toxicant present in potatoes
٥.	11115 1	o a matarat contensa present in potatoes
	(A)	*
	(B)	
	(C)	
	(D)	solanine
4.	Good	source of Linoleic acid is
	(A)	
		pulses
	(C)	- 7 7 7 7
	(D)	meat
5.	Irradi	ated ergosterol from yeast has served as a source
	700	dition to milk.
	(4)	fat
1	(A) (B)	vitamin -A
	(C)	vitamin -A vitamin -D
	(D)	
	( <b>D</b> )	Trainin E
6.	Crysta	als of salt/ sugar are separated from the suspending liquid by
	(A)	filtration
	(A) (B)	centrifugation
	(D)	6
	(C) (D)	
	$(\mathbf{D})$	CONCONTRACTOR

7.	This method extracts caffeine from coffee to produce a decaffeinated product
	(A) evaporation
	(B) exchanging
	(C) super critical fluid
	(D) static pressure
8.	Low acid foods are deteriorated by spp.
	(A) Shigella
	(B) Vibrio
	(C) Bacillus
	(D) Clostridium
9.	Most of the bacteria present in milk are destroyed by pasteurization at
	for 30 min.
	(A) 53°C
	(B) 63°C
	(C) 73°C
	(D) 83°C
10.	It grows best in high concentrations of sugar
	(A) Halophilic Bacteria
	(B) Osmophilic yeasts
	(C) Xerophilic fungi
	(D) Botrysis
11.	The genus <i>Photobacterium</i> causes
	(A) spoilage of cheese
	(B) spoilage of alcoholic beverages
	(C) stormy fermentation of milk
	(D) Phosphorescence of meat
12.	Freezing prevents
	(A) concentration of solutes
	(B) microbial growth
	(C) damage to tissues
	(D) removal of water

13.	Before freezing, more than 50% of moisture from fruits and vegetables are removed through	
	(A)	freezer burn
	(B)	dehydro freezing
	(C)	sharp freezing
	(D)	flocculation
14.	low le	is a term used to label foods treated with evel ionizing radiations.
	(A)	Radurization
	(B)	Radicidation
	(C)	Picowaved
	(D)	Roentgen
15.	Most	of the B vitamins in the grain are present in
	(A)	the pericarp
	(B)	the aleurone layer
	(C)	the embryo
	(D)	the scutellum
16.	Flax	seed is rich in which prevents cancer.
10.	1 lax	seed is field in which prevents cancer.
	(A)	lignin
	(B)	inulin
	(C)	niacin
	(D)	goitrogen
17	C 1	
17.	Gerbe	er test is used to determine the percentage of present in milk.
	(A)	carbohydrate
	(B)	protein
	(C)	fat
The state of the s	(D)	vitamin
10	T4 4	
18.		alyses the oxidation of aldehydes which are the aroma constituents in fermented
	dairy	products.
	(A)	Xanthine oxidase
	(B)	Hexokinase
	(C)	Phosphorylase
	(D)	Pectinase

19.	A homogenised product prepared from refined vegetable oil, non-fat milk solids and water.	
	(A)	Sterilised milk
	(B)	Recombined milk
	(C)	Filled milk
	(D)	Toned milk
20.	The h	ighly active proteolytic enzyme in Shrimp is
	(A)	Cathepsin
	(B)	Trypsin
	(C)	Ficin
	(D)	Bromelain
21.	Mush	rooms contain a disaccharide of glucose called
	(A)	biose
	(B)	trehalose
	(C)	lactose
	(D)	sucrose
22.	This i	s the major flavonoid of grape fruit.
	(A)	Limoninoids
	(B)	Triterpenes
	(C)	Naringin
	(D)	Dilactone
23.	It is n	nore hygroscopic than the other sugars.
	(A)	Lactose
	(B)	Fructose
	(C)	Glucose
	(D)	Galactose
A.		
24.	Solid	fat crystals and liquid oil moulded into various shapes without breaking is
		n as fat
	(A)	hydrogenated
	(B)	plastic
	(C)	winterized
	(D)	shortened

25.	The initial rise of batters and doughs subject to oven heat is known as	
	(A)	oven spring
	(B)	kneading
	(C)	leavening
	(D)	Flaky
26.	This t	aste is mainly detected by the taste buds along the side of the tongue.
	(A)	Sweet
	(B)	Salt
	(C)	Sour
	(D)	Bitter
27.	This i	nstrument is used to measure viscosity under controlled temperature and when
	the sa	mple is subjected to shearing forces of different magnitudes.
	(4)	
	(A) (B)	Consistometer Viscometer
	(C)	Amylograph
	(D)	Tensiometer
	. ,	
28.	When	ice is subjected to vacuum and then heated, it is converted into vapour without
	going	through the liquid phase. This is known as
	(	
	(A) (B)	fusion vaporization
	(C)	freeze drying
	(D)	sublimation
	. ,	
29.	It con	tains glucose, fructose and two galactose units.
	10 0011	dunis glucoso, il uctose una two galactose unasi
	(A)	Stachyose
	(B)	Raffinose
	(C)	Amylase Dextrin
	(D)	Dexum
30.	To co	introl the unwanted effects of natural ethylene gas, acid may be
	added	to the external storage environment of fruits and vegetables.
	(A)	aspartic
	(B)	glutamic
	(C)	gibberellic
	(D)	ascorbic

31.	Pectinases are used in food industries to	
	(A)	enhance flavour
	(B)	clarify fruit juices
	(C)	enhance colour of juices
	(D)	retain freshness of juices
	( <b>D</b> )	Tetam resimess of jarees
32.	Sweet	curdling occurs at an early stage of
	(A)	proteolysis
	(B)	souring
	(C)	lipolysis
	(D)	curdling
22	т 1	
33.		evels of simple nitrogenous compounds,
	which	ties up riboflavin in egg.
	(A)	conalbumin
	(B)	ovotransferrin
	(C)	apoprotein
	(D)	avidin
34.	An ac	id that delays spoilage of smoked or salted fish
	(A)	acetic acid
	(B)	boric acid
	(C)	sorbic acid
	(D)	capric acid
	( <b>D</b> )	cupite dela
35.	Lowe	ring of the pH of the fish flesh results from
		onversion of muscle glycogen to
	(A)	mucic acid
	(B)	lactic acid
	(C)	pyruvic acid
	(D)	acyl-CoA
26	3 ( 11	
36.		et and Salmon are composed, to a great extent, of unsaturated fatty acids and
	hence	are subject to rancidity.
	(A)	hydrolytic
	(A) (B)	oxidative
	(C)	catalytic
	(C) (D)	autolytic
	(D)	autorytic

37.	It is used as the inside layer of food packages that are subject to higher temperatures of sterilization.	
	(A) (B) (C) (D)	Polyethylene Ethyl vinyl acetate Polypropylene Polystyrene
38.		e provide barriers useful in controlling oxygen, water vapour, and light mission and provide good burst strength.
	(A) (B)	Laminates Resins
	(C) (D)	Foil Burlap
39.	Sodiu	am benzoate inhibits mold and yeast growth in
	(A)	wines
	(B)	vinegar
	(C)	meat
	(D)	condiments
40.	It is a	nutrient and coloring agent
	(A)	phosphates
	(B)	ferrous gluconate
	(C)	calcium pantothenate
	(D)	tocopherol
41.	Gluco	ose oxidase is added to in order to
	preve	nt the Maillard browning.
	(A)	egg white
	(B)	egg yolk
A	(C)	cheese
	(D)	glycine
42.	_	orators that use heated steam, which is injected into the food and later removed, with water vapour from the food.
	(A)	Flash
	(B)	Thin – film
	(C)	vacuum
	(D)	Ohmic

43.	Milk contains the enzymes, both of which are denatured during pasteurization.	
	(A)	protease and phosphatase
	(B)	phosphatase and lipase
	(C)	pectinase and protease
	(D)	lipase and protease
4.4	TD1	
44.	These	e cakes are prepared with beaten egg white.
	(A)	Shortened
	(B)	Sponge
	(C)	
	(D)	Chocolate
45.	Precip	pitation of sugar from a supersaturated solution by adding
	new s	sugar crystals is known as
	(A)	nuclei
	(A) (B)	
	(C)	
	(D)	inversion
46.	The s	pecifications for food commodities for internal purchase and
	procu	rement is prepared by
	(1)	Food Corneration of India
	(A) (B)	Food Corporation of India Public Distribution System
	(C)	Bureau of Indian Standards
		Army Supply Corporation
47	<b>C</b>	
47.	Cerea	ds are deficient in
	(A)	vitamin-C
	(B)	vitamin-B
	(C)	iron
4	(D)	calcium
4.0		
48.		is the number of degrees required for a specific thermal death
	time o	curve to pass through one log cycle.
	(A)	D-value
	(B)	F-value
	(C)	Z-value
	(D)	T-value

49.	Eggs in the shell tend to lose moisture as well as	
	(A)	oxygen
	(B)	carbon
	(C)	carbon monoxide
	(D)	carbon dioxide
50.	Genet	tic modification of oil yields low levels of saturated fatty acids.
	(A)	canola oil
	(B)	soya bean oil
	(C)	rapeseed oil
	(D)	cotton seed oil
<i>E</i> 1	This.	we have been NOT assessed as to should be
51.	i nis į	product does NOT require extrusion technology.
	(A)	Cheese ball
	(B)	Flaked cereal
	(C)	Crispy snacks
	(D)	Pies
52.	Palak	paneer and fish curries are packed in this way and are available in the market.
0	2 0010011	pantor and non-tonic are parties at all and are are are an and an area.
	(A)	Retort
	(B)	Laminate
	(C)	Edible film
	(D)	Paper cart
53.	It sho	uld be light in weight, less in volume and possess
		roperty of resistance to crumbling.
	F-	
	(A)	Engineered foods
	(B)	Space foods
	(C)	Energy foods
	(D)	Bite foods
4		
54.	This i	s used to describe micronutrient malnutrition.
	(A)	Kwashiorkor
	(B)	Marasmus
	(C)	Hidden hunger
	(D)	Overnutrition

55.	Small diced and fancy shapes of toasted bread used for garnishing soups.	
	(A) (B) (C) (D)	Crouton Bouillon Croquette Gratin
56.	The re	eference protein for the calculation of chemical score is
	(A)	meat protein
	(B)	fish protein
	(C)	milk protein
	(D)	egg protein
57.	The es	ssential aminoacid limiting in rice
	(A)	methionine
	(B)	tryptophane
	(C)	lysine
	(D)	histidine
58.	Protei	n part of the functional enzyme is known as
	(A) (B) (C) (D)	apoenzyme holoenzyme chym-enzyme exoenzyme
59.	Hydro	ocooling refers to
	(A)	use of cold water spray
	(B)	spraying of liquid nitrogen
	(C)	ice crystal formation
	(D)	explosive cooling
60.	The st	torage time of loosely packed small fresh fruits are doubled by exposing them to
	(A)	ozone
	(B)	calcium dioxide
	(C)	oxygen
	(D)	nitrogen

61.	Patulin is a toxin present in		
	(A)	Pine apple	
	(B)	Cashew apple	
	(C)	Apple	
	(D)	Custard apple	
62.	The w	vater activity $(a_w)$ of most fresh foods is above	
	(A)	0.78	
	(B)	0.85	
	(C)	0.96	
	(D)	0.99	
	(-)		
63.	Germ	inated foods have enhanced activity of the enzyme	
	(4)	A week as	
	(A)	Amylase	
	(B)	Protease	
	(C)	- William W. Vi. A.	
	(D)	Nuclease	
64.	Micro	bial cultures for commercial production of antibiotics are grown in large-scale	
64.			
64.	(A)	Respirators	
64.	(A) (B)	Respirators Fermentors	
64.	(A) (B) (C)	Respirators Fermentors Chambers	
64.	(A) (B)	Respirators Fermentors	
64.	(A) (B) (C)	Respirators Fermentors Chambers	
	(A) (B) (C) (D)	Respirators Fermentors Chambers Incubators	
<ul><li>64.</li><li>65.</li></ul>	(A) (B) (C) (D)	Respirators Fermentors Chambers	
	(A) (B) (C) (D)	Respirators Fermentors Chambers Incubators	
	(A) (B) (C) (D)	Respirators Fermentors Chambers Incubators  haracteristic fishy odour is due to the production of  Methylamine Dimethylamine	
	(A) (B) (C) (D)  The circles (A)	Respirators Fermentors Chambers Incubators  haracteristic fishy odour is due to the production of  Methylamine Dimethylamine Trimethylamine	
	(A) (B) (C) (D)  The circles (A) (B)	Respirators Fermentors Chambers Incubators  haracteristic fishy odour is due to the production of  Methylamine Dimethylamine	
	(A) (B) (C) (D)  The circles (A) (B) (C)	Respirators Fermentors Chambers Incubators  haracteristic fishy odour is due to the production of  Methylamine Dimethylamine Trimethylamine	
65.	(A) (B) (C) (D)  The ci (A) (B) (C) (D)	Respirators Fermentors Chambers Incubators  haracteristic fishy odour is due to the production of  Methylamine Dimethylamine Trimethylamine Tetramethylamine	
	(A) (B) (C) (D)  The ci (A) (B) (C) (D)	Respirators Fermentors Chambers Incubators  haracteristic fishy odour is due to the production of  Methylamine Dimethylamine Trimethylamine	
65.	(A) (B) (C) (D)  The cl (A) (B) (C) (D)  Citric	Respirators Fermentors Chambers Incubators  haracteristic fishy odour is due to the production of  Methylamine Dimethylamine Trimethylamine Tetramethylamine Tetramethylamine acid for food industry usage is produced by the mould	
65.	(A) (B) (C) (D)  The ci (A) (B) (C) (D)  Citric (A)	Respirators Fermentors Chambers Incubators  haracteristic fishy odour is due to the production of  Methylamine Dimethylamine Trimethylamine Tetramethylamine Tetramethylamine acid for food industry usage is produced by the mould  Aspergillus niger	
65.	(A) (B) (C) (D)  The citric (A) (B) (C) (D)	Respirators Fermentors Chambers Incubators  haracteristic fishy odour is due to the production of  Methylamine Dimethylamine Trimethylamine Tetramethylamine Tetramethylamine  acid for food industry usage is produced by the mould  Aspergillus niger Neurospora crassa	
65.	(A) (B) (C) (D)  The ci (A) (B) (C) (D)  Citric (A)	Respirators Fermentors Chambers Incubators  haracteristic fishy odour is due to the production of  Methylamine Dimethylamine Trimethylamine Tetramethylamine Tetramethylamine acid for food industry usage is produced by the mould  Aspergillus niger Neurospora crassa	
65.	(A) (B) (C) (D)  The ci (A) (B) (C) (D)  Citric (A) (B) (C)	Respirators Fermentors Chambers Incubators  haracteristic fishy odour is due to the production of  Methylamine Dimethylamine Trimethylamine Tetramethylamine acid for food industry usage is produced by the mould  Aspergillus niger Neurospora crassa Rhizopus stolenifer	

67.	Water	r activity = 100 ×
	(B)	Equilibrium moisture content Equilibrium relative humidity
		Equilibrium vapour pressure
	(D)	Equilibrium solute concentration
68.	Quori	nTM is a meat substitute derived from the fungus
	(A)	Fusarium
		Rhizopus
	(C)	Penicillium
	(D)	Mucor
69.	Tubei	rculosis is a/an
	(A)	Food borne disease
	(B)	Air borne disease
	(C)	Water borne disease
	(D)	Arthropod borne disease
70.	The A	Anti-Egg white injury factor is
	(A)	Avidin
	(A) (B)	
	(C)	Biotin
	(D)	Folacin
	(D)	T GRICHI
71.	Braisi	ing is a cooking method which is a combination of
	(A)	Roasting and frying
	(B)	Frying and sautéing
	(C)	Roasting and stewing
	(D)	Frying and toasting
_ <		
72.	The e	stimation of the degree of unsaturation in fats can be deduced by
	(A)	Acid value
	(B)	Iodine value
	(C)	•
	(D)	Supplementary value

	(D)	Chylomicron	
74.	A col	lloidal dispersion of one liquid in another immissible liquid is called as	
	(A) (B)	Foam Sol	
	(C)	Emulsion	
	(D)	Gel	
	( )		
75.	Salt io	odisation is promoted to prevent	
	(A)	Cancer	
	(B)	Blindness	
	(C)	Anaemia	
	(D)	Goitre	
76.	The richest source of protein among the following plant foods is		
	(A)	Soya bean	
	(B)	Faba bean	
	(C)	Double bean	
	(D)	Broad bean	
77.	The s	ynthesis of glucose from non carbohydrate sources is called	
	(A)	Glycolysis	
	(B)	Gluconeogenesis	
	(C)	Glycogenesis Glycogenolysis	
	(D)	Grycogenorysis	
	4		
78.	The a	ntinutrient which interferes with protein digestion is	
	(4)	Phytic acid	
	(A) (B)	Tannin	
	(C)	Trypsin inhibitors	
	(D)	Saponin	

The lipoprotein possessing the highest quantity of phospholipid is

73.

(A) HDL (B) LDL (C) VLDL

79.	The a	rtificial sweetener which promotes oral health is
	(A)	Xylitol
	(B)	Aspartame
	(C)	Saccharin
	(D)	Stevia
80.	Abou	t 60 mg of tryptophan can be converted to 1 mg of
	(A)	Folacin
	(B)	Niacin
	(C)	Thiamine
	(D)	Riboflavin
81.	Oats a	are good sources of the fibre component namely
	(A)	eta-glucan
	(B)	Pectin
	(C)	Gums
	(D)	Mucilage
82.	Aflato	oxin is common in
	(A)	Almonds
	(B)	Pistachio Cocheyu nute
	(C) (D)	Cashew nuts Ground nuts
	(D)	Ground nuts
83.	The f	ruit which is a good source of fat is
	(A)	Avocado
	(B)	Custard apple
	(C)	Cashew apple
	(D)	Chickoo
	1	
0.4	TPL N	
84.	i ne N	Milk sugar is
	(A)	Maltose
	(B)	Lactose
	(C)	Fructose

(D) Sucrose

85.	The t	oxic amino acid β-oxalyl amino alanine is present in
	(A)	Lens culinaris
	(B)	Vicia faba
	(C)	Lathyrus sativus
	(D)	Cicer arietinum
86.	The t	ransition of a substance directly from solid to gaseous state is called
	(A)	Condensation
	(B)	Evaporation
	(C)	Polaraisation
	(D)	Sublimation
87.	The r	non-digestible substances that stimulate the growth of beneficial bacteria in gut
	(A)	Antibiotics
	(B)	Synbiotics
	(C)	Prebiotics
	(D)	Probiotics
88.	Pulse	es are limiting in the amino acid
	(A)	Lysine
	(B)	Leucine
	(C)	Methionine
	(D)	Phenylalanine
89.	The c	eatalyst used in the hydrogenation process of fats is
	(A)	Copper
	(B)	Iron
	(C)	Cobalt Nickel
	(D)	Nickei
	A.	
90.	The r	nineral essential for the absorption of carbohydrates and proteins is
	(A)	Sodium
	(B)	Potassium
	(C)	Chlorine
	(D)	Calcium

91.	Glute	n is the protein which is present in
	(A)	Rice
	(B)	Wheat
	(C)	Oats
	(D)	Barley
	, ,	·
92.	Non-	enzymatic browning is also called
	(A)	Maillard reaction
	(B)	Single replacement reaction
	(C)	±
	(D)	Decomposition reaction
93.	The c	olour of meat is due to the presence of
,,,	1110 0	orour or mean is due to the presence or
	(A)	Hemoglobin
	(B)	Cathepsins
	(C)	
	(D)	Metamyoglobin
94.	The p	processing method which leads to synthesis of ascorbic acid in cereals and pulses
94.		
94.	(A)	
94.		Soaking Germination
94.	(A) (B)	Soaking Germination
94.	(A) (B) (C)	Soaking Germination Extrusion
	(A) (B) (C) (D)	Soaking Germination Extrusion Popping
<ul><li>94.</li><li>95.</li></ul>	(A) (B) (C) (D)	Soaking Germination Extrusion
	(A) (B) (C) (D)	Soaking Germination Extrusion Popping
	(A) (B) (C) (D) Golder (A) (B)	Soaking Germination Extrusion Popping en rice is fortified with α-carotene β-carotene
	(A) (B) (C) (D)  Golde (A) (B) (C)	Soaking Germination Extrusion Popping  en rice is fortified with α-carotene β-carotene Cryptoxanthin
	(A) (B) (C) (D) Golder (A) (B)	Soaking Germination Extrusion Popping en rice is fortified with α-carotene β-carotene Cryptoxanthin
	(A) (B) (C) (D)  Golde (A) (B) (C)	Soaking Germination Extrusion Popping  en rice is fortified with α-carotene β-carotene Cryptoxanthin
	(A) (B) (C) (D)  Golde (A) (B) (C) (D)	Soaking Germination Extrusion Popping  en rice is fortified with α-carotene β-carotene Cryptoxanthin
95.	(A) (B) (C) (D)  Golde (A) (B) (C) (D)	Soaking Germination Extrusion Popping en rice is fortified with α-carotene β-carotene Cryptoxanthin Retinol
95.	(A) (B) (C) (D)  Golde (A) (B) (C) (D)  The b (A)	Soaking Germination Extrusion Popping en rice is fortified with α-carotene β-carotene Cryptoxanthin Retinol  Red blood cells
95.	(A) (B) (C) (D)  Golde (A) (B) (C) (D)  The b (A) (B)	Soaking Germination Extrusion Popping  en rice is fortified with α-carotene β-carotene Cryptoxanthin Retinol  lood component which is essential for blood coagulation  Red blood cells White blood cells
95.	(A) (B) (C) (D)  Golde (A) (B) (C) (D)  The b (A) (B) (C)	Soaking Germination Extrusion Popping  en rice is fortified with  α-carotene β-carotene Cryptoxanthin Retinol  Red blood cells White blood cells Blood platelets
95.	(A) (B) (C) (D)  Golde (A) (B) (C) (D)  The b (A) (B)	Soaking Germination Extrusion Popping  en rice is fortified with α-carotene β-carotene Cryptoxanthin Retinol  lood component which is essential for blood coagulation  Red blood cells White blood cells

		Hemosiderin
		Transferrin Hydroxyapatite
98.	The C	Glucose Tolerance Factor is
	(A)	
		Iodine Chromium
		Zinc
99.	The a	roma of vegetables belonging to the genus Allium and Brassica
	is due	e to the presence of
		Iron pigment
		Sulphur compounds
	, ,	Calcium salts
	(D)	Tannic acid
100.	The s	oluble fibre most essential for the setting of jam and jelly is
	(A)	Pectin
	, ,	Xanthan gum
	(C)	Araban
	(D)	Carrageenan
101.	'Hydı	rogen swell' is a food spoilage related to foods which are
	(A)	Pickled
	(B)	Canned
	(C)	Frozen
	(D)	Dehydrated
102.	Papai	n is used in
	(A)	Meat tenderization
	(B)	Whey separation
	(C)	
	(D)	Homogenisation

97.

The storage form of iron is

103.	The antibiotic which is used as a food preservative is	
	(A)	Ampicillin
	(B)	Subtilin
	(C)	
	(D)	Streptomycin
	` /	
104.	Clarif	ication of fruit juices is done by the use of
	(A)	Amylases
	(B)	Glucosidases
	(C)	Proteases
	(D)	Pectinases
105.	Synor	resis is a common problem encountered in
105.	Sylici	esis is a common problem encountered in
	(A)	Jelly
	(B)	Cordial
	(C)	
	(D)	Carbonated beverages
106.	The in	nstrument used to measure TSS is
100.	THE	istrument used to measure 155 is
	(A)	Spectrophotometer
	(B)	Chromameter
	(C)	
	(D)	Refractometer
107.	A hig	h fibre diet is essential to prevent
107.	11 mg	in note diet is essential to prevent
	(A)	Constipation
	(B)	Diarrhoea
		Indigestion
	(D)	Flatulence
	1	
108.	Blue 1	revolution is aimed to increase the production of
100.	Diac i	to rotation is almost to increase the production of
	(A)	Milk
	(B)	Meat
	(C)	Fish
	(D)	Egg

109.	Selen	Selenium is an important constituent of the enzyme		
	(A) (B) (C) (D)	Glutathione peroxidase Co-carboxylase Tri-iodothyronine Peptidase		
110.	Increa	ase in calorie intake has to be complemented by increase in intake of the vitamin		
	(A) (B) (C) (D)			
111.	Protei	in synthesis takes place in the		
	(A) (B) (C) (D)	Cytoplasm Endoplasmic reticulum Golgi bodies Ribosomes		
112.	Chitosin which is used in edible coating is derived from			
	(A) (B) (C) (D)	Goat skin Crustaceans Leather Egg shell		
113.	Bread	is leavened with		
	(A) (B) (C) (D)	Sugar Baking soda Egg Yeast		
114.	Chala	ting agents are also called as		
114.	(A) (B) (C) (D)	Sequesterants Emulsifiers Stabilisers Clarificants		

	(A) (B) (C) (D)	Water Milk Cream Air
116.	Addit	ion of a nutrient to a food that is not originally present in it is termed as
	(A)	Enrichment
	(B)	Enhancement
		Fortification
		Nourishment
	, ,	
117.	Clost	ridium botulinum infection leads to
	(A)	Gastroenteritis
	(B)	Typhoid
	(C)	Botulism
		Paratyphoid
	` /	71
118.	Spoila	age of fats and oils is called
	(A)	Dewaxing
	(B)	Rancidity
	(C)	Winterisation
	(D)	Hydrolysis
119.	Mono	osodium glutamate is a
	(A)	Colour enhancer
	(B)	Flavour enhancer
	(C)	Taste enhancer
	(D)	Texture enhancer
120	Thoo	navena usad ta hydrolysa syarosa ta frustasa and alyansa is
120.	The e	nzyme used to hydrolyse sucrose to fructose and glucose is
	(A)	Hydrolase
	(B)	Hydrogenase
	(C)	Invertase
	(D)	Lipase

The major volume of frozen ice cream is composed of

115.

121.	Changes in starch granules due to dry heating	
	(A)	Gelatinisation
	(B)	Retrogradation
	(C)	Dextrinisation
	(D)	Crystallisation
122.	Parbo	oiling is an essential step in the processing of
	(A)	Paddy
	(B)	Pulses
	(C)	Wheat
	(D)	Millets
123.	Highe	er amount of calcium is present in
123.	mgm	or unrount of culcium is present in
	(A)	Kodo millet
	(B)	Pearl millet
	(C)	Small millet
	(D)	Finger millet
124.	Unifo	orm distribution of fat throughout the product is promoted by
	(A)	Cream of tartar
	(A) (B)	Emulsifiers
	(C)	Humectants
	(D)	Stabilizers
	` /	
107	TO 1	
125.		retreatment of steaming or boiling fruits and vegetables prior to
	furthe	er processing is called
	(A)	Scalding
	(B)	Parboiling
	(C)	Blanching
	(D)	Scorching
126.	'Saue	rkraut' is a fermented food made from the vegetable
120.	Sauc	TRIBULE 15 d Termented 100d made from the vegetable
	(A)	Carrot
	(B)	Cauliflower
	(C)	Beans
	(D)	Cabbage

127.	Crushing grapes to obtain juice in wine making is called		
	(A)	Must	
	(B)	Puree	
	(C)	Fruit pulp	
	(D)	Beverage	
128.	The f	ood preservation technique which adopts a combination of	
	prese	rvation methods is	
	(	Minimal	
	(A) (B)	Minimal processing High pressure processing	
	(C)		
	(D)	Food irradiation	
120	The	nd and dusts of fet disection combine with an anatrine to form	
129.	i ne e	nd products of fat digestion combine with apoproteins to form	
	(A)	Phospholipids	
	(B)	Lipoproteins	
	(C)	Lecithin	
	(D)	Cephalin	
130.	The p	process of preventing the entry of micro-organisms in the food system is	
	( <b>A</b> )		
	(A) (B)	-	
	(C)		
	(D)	Sterilisation	
121	A foo	d additive made from sugary materials by formantation is	
131.	A 100	ad additive made from sugary materials by fermentation is	
	(A)	Alchohol	
	(B)	Formic acid	
	(C)	Acetic acid	
	(D)	Ethanol	
132.	The n	atural toxicant present in cotton seed is	
	(A)	Alkaloid	
	(B)	Gossypol	
	(C)	Ochratoxin	
	(D)	Citrulin	

133.	Ouring the smoking of fat, glycerol breaks down to form free fatty acids and	
	(A) Acrolein (B) Oxygen (C) Carbon monoxide (D) Carbon dioxide	
134.	The pigment present in beet root is	
	(A) Betalain (B) Curcumin (C) Lycopene (D) Carotene	
135.	ugar undergoes hydrolysis by the addition of	
	(A) Acid (B) Alkali (C) Salt (D) Water	
136.	Zein refers to the protein present in	
	(A) Rice (B) Wheat (C) Maize (D) Rye	
137.	Tygrometer is used to measure	
	<ul><li>(A) Moisture</li><li>(B) Water activity</li><li>(C) Protein</li><li>(D) Sedimentation value</li></ul>	
138.	tigor calories are changes associated with	
	(A) Milk cookery (B) Egg cookery (C) Meat cookery (D) Fish cookery	

	(B) (C)	Ascorbic acid Citric acid Lactic acid
	(D)	Oxalic acid
140.	The n	non thermal method of food preservation is
	(A)	1 0
	, ,	Retort pouch processing
		Ohmic heating
	(D)	High pressure processing
141.		nost important global issue with international trade and
	public	c health implementation is
	( <b>A</b> )	
		Food quality
		Food safety Food selection
	, ,	Food Law
	(D)	rood Law
142.	The f	ruit which is a natural prebiotic
		Sapota
	, ,	Banana
	, ,	Kiwi
	(D)	Grapes
143.	The v	ritamin also known as the 'Sunshine vitamin' is
143.	THC V	realisting also known as the Sunstime vitalism is
	(A)	Ascorbic acid
	(B)	Cholecalciferol
	(C)	Alpha-tocopherol
	(D)	Gamma-tocopherol
144.	'The	disease of the 3 Ds' caused by niacin deficiency is called
	(A)	Beri beri
	(A) (B)	
	(C)	_
	(D)	•
	(D)	ingular stollation

The acid which renders milk more digestible

139.

145.	The safe moisture content for food grain storage is								
	(A) (B) (C)	14 percent 18 percent 20 percent							
	(D)	24 percent							
146.	The e	The enzyme used in the production of cheese							
	(A)	Rennet							
	(B)	Pectinase							
		Amylase							
	(D)	Protease							
147.	. The bioactive compounds present in plant foods with potential health benefits								
	(A)	Phytochemicals							
	(B)	Omega-3 fatty acids							
	(D)	Zoochemicals							
148.	Ferm	ented apple beverage							
	(A)	Cider							
	(B)	Beer							
	(C)	Apple Fizz							
	(D)	Feni							
149.	Mush	aroom is a/an edible							
	(A)	Bacterium							
	(B)	Fungus							
	70	Alga							
	(D)	Yeast							
	1								
150.	The c	hemical name of Baking Soda is							
	(A)	Sodium carbonate							
	(B)	Sodium bicarbonate							
	(C)	Tartaric acid							
	(D)	Cream of tartar							

FINAL ANSWER KEY												
Subject Name: 618 FOOD SCIENCE												
SI No.	Key	SI No.	Key	SI No.	Key	SI No.	Key	SI No.	Key			
1	C	31	В	61	C	91	В	121	C			
2	D	32	A	62	D	92	A	122	A			
3	D	33	С	63	A	93	С	123	D			
4	A	34	С	64	В	94	В	124	В			
5	C	35	В	65	C	95	В	125	С			
6	В	36	В	66	A	96	C	126	D			
7	C	37	C	67	В	97	A	127	A			
8	D	38	A	68	A	98	C	128	С			
9	В	39	D	69	В	99	В	129	В			
10	В	40	В	70	C	100	A	130	A			
11	D	41	A	71	C	101	В	131	С			
12	В	42	A	72	В	102	A	132	В			
13	В	43	В	73	A	103	В	133	A			
14	C	44	C	74	C	104	D	134	A			
15	D	45	В	75	D	105	A	135	D			
16	A	46	A	76	A	106	D	136	С			
17	C	47	A	77	В	107	A	137	В			
18	A	48	C	78	C	108	C	138	С			
19	C	49	D	79	A	109	A	139	С			
20	A	50	C	80	В	110	A	140	D			
21	В	51	D	81	A	111	D	141	В			
22	C	52	A	82	D	112	В	142	В			
23	В	53	В	83	A	113	D	143	В			
24	В	54	С	84	В	114	A	144	В			
25	A	55	Α	85	C	115	D	145	A			
26	C	56	D	86	D	116	C	146	A			
27	В	57	C	87	C	117	C	147	A			
28	D	58	A	88	С	118	В	148	A			
29	Α	59	A	89	D	119	В	149	В			
30	C	60	A	90	A	120	C	150	В			