165/2015

 Identify the sugar with free aldehyde (A) Glucose (B) Sucrose 						or keto	one gr	oup:					
	(A)	Glu	cose		(B)	Sucrose		(C)	Pectin		(D)	Cellulose	
2.	The	brow	n colo	ur of l	bread	crust is du	e to ·						
	(A)		ameliz			crust is au	(B)	Mail	lard's brown	ino			
	(C)		ymatic				(D)		cker reaction	_			
	(-/)		0		(-)						
3.	Amo	ong th	ne follo	owing	fatty	acids, whic	ch grou	ıp is l	known as ess	ential	fatty	acids?	
	(A)	100						_	decatrienoic				
	(B)	9, 12	2 - Oc	tadeca	dieno	ic and 9, 1	2, 15 -	Octa	decatrienoic				
	(C)	9 - (Octade	ecenoi	c and	9, 11 - Oct	tadeca	dienoi	С				
	(D)	9, 11	1 - Oc	tadeca	dieno	ic and 9 - 1	Eicosei	noic					
4.		ch the an bo		wing i	tems i	n Group I	and G	roup l	II in relation	to nu	trition	nal requiren	nent of
	num	Gro	-					Grou	ın II				
	(a)		up i ium a	nd Ph	osnho	rous	(i)		nents not need	ded in	diet		
	(b)		min D		юзрис	nous	(ii)	Promotes absorption of iron					
	(c)				Chro	mium	(iii)	Elements that are required in small quantities					ntities
	(d)		min K				(iv)		notes absorpt	-		-	ittities
	(-)						(v)		ntial for norn				
							(vi)		ents that are		_		ntities
		(a)	(b)	(c)	(d)							0 1	
	(A)	(vi)	(ii)	(i)	(v)								
	(B)	(vi)	(iv)	(iii)	(v)								
	(C)	(v)	(ii)	(vi)	(iv)								
	(D)	(ii)	(v)	(i)	(iv)								
5.	Sano	nifica	tion v	alue o	of a fa	t allows to	compa	are .					
	(A)					of fatty a	-	ac.					
	(B)	0				groups in		cule					
	(C)			- T		of fatty acid							
	(D)		_		_	roups pres							
	TA71 .	1 (1 1	1	. 1. 1			1: . : 1					
6.						_	ort of		in the body?		(D)	T:	
	(A)	Myo	globir	1	(B)	Keratin		(C)	Albumin		(D)	Lipoprotei	n

7.	The	shape of haemogl	obin i	s:					
	(A)	spherical	(B)	elong	gated	(C)	rectangular	(D)	coiled
8.	The	function of vitami	in B -	Comp	lex is as:				
	(A)	Enzyme	(B)	Antio	oxidant	(C)	Coagulant	(D)	Co-enzyme
9.	The	bond angle for a	water	molec	rule is :				
	(A)	45°	(B)	75°		(C)	105°	(D)	135°
10.	Whi	ch of the followin	g gro	ups re	quires the h	ighes	t recommended o	laily in	ntake of iron?
	(A)	Girls aged 4 - 7	years		(B)	Won	nen aged 55 - 77	years	
	(C)	Girls aged 7 - 11	year	S	(D)	Won	nen aged 18 - 35	years	
11.	A pe	erson has normal v	vision	in brig	ght conditio	ns bu	t cannot see clear	ly in d	im light. Which of
	the :	following vegetabl							
	(A)	Broad bean	(B)	Pota	to	(C)	Spinach	(D)	Green pepper
12.		nest source of iron				(6)	n ulementario	(D)	Des lesses de
	(A)	Papaya	(B)	Man	go	(C)	Pomegranate	(D)	Dry karonda
			11	3 : (chearaide P		to descriveto :		
13.		break system is fo	ollow	ea in t			ic Methyl Esteras	0	
	1 8	Pectinase			(B)		galctouronase	-	
	(C)	Protopectinase			(D)	Tory	galciouronase		
14.	TATI	ich of the followin	or is a	clima	cteric fruit	,			
14.		Mango	(B)	Grap		(C)	Litchi	(D)	Citrus
	(A)	Mango	(D)	Oruș	, , ,	(0)	Ziteria .	(-)	
15.	The	green colour of g	reen v	zegetal	oles is lost d	luring	heating due to t	he pro	duction of:
10.	(A)		(B)		rophylls	(C)	Pheophytins	(D)	Flavenoids
	(22)		(-)		1 7			3000	
16.	Nor	nenzymatic brown	ing ir	fruits	is reduced	by:			
	(A)	SO ₂ treatment	O		(B)		um treatment		Carlotten AC
	(C)	Osmotic dehyd	ration		(D)	All	of these		
	(-)								
17.	Wh	ich of the followir	ng has	the h	ighest alcoh	nol co	ntent ?		
	(A)	Beer	(B)	Win		(C)	Cider	(D)	Whisky
	' '								

18.	The	coffee	e that	may r	educe	e insomnia e	effect i	s:				
	(A)	Inst	ant co	ffee			(B)	Dec	affeinated co	ffee		
	(C)	Reg	ular c	offee			(D)	All	of these			
19.	The	green	tea p	rocess	ing d	oes not invo	olve :					
	(A)	0	ming				(B)	Roll	ing of leaves			
	(C)		nentat				(D)		ing the leave	S		
20.	Dute	ching	of coc	oa lia	uor is	done to :						
20.	(A)	_	uce ac	_	u01 13	done to .	(B)	Incr	ease acidity			
	(C)		rease s	-	lity		(D)		rease alkalini	tv		
	(0)	Dec	i cube i	Jordon	irty		(D)	Dec	er er	ity		
21.	Hon	nogen	izatio	n of m	ilk re	sults in :						
	(A)											
	(B)	Incr	ease ii	n whit	eness	of milk						
	(C)	Deci	rease i	n tem	perat	ure of milk						
	(D) All of the above											
22.	The	purpo	ose of	chedd	laring	during che	ese pr	oduct	tion is to:			
	(A)	(A) To squeeze whey from curd (B) To cut the curd into cubes										
	(C)	To a	dd en	zyme	S		(D)	All	of the above			
23.	Whi	ch of	the fo	llowir	ıg is r	not an opera	tion d	uring	; ice cream pi	roduction	? × × 5910 July	
	(A)		euriza		(B)	Ageing		(C)	Ripening	(D)	Freezing	
24.	Whi	ch of	the fo	llowin	g is n	ot a muscle	prote	in?				
	(A)	Мус			(B)	Collagen	P	(C)	Elastin	(D)	Albumin	
25.	Mate	sh the	follor	vina i	toms	in Group I	and C	roup	п.			
25.	water	Gro		ving i	terris	in Group I	Grou	_				
	(a)	Beef	-			(i)		-	salmonella ini	fection		
	(b)		ltry m	eat		(ii)		cerati		rection		
	(c)	Fish		cat		(iii)		r mor				
	(d)	Eggs				(iv)	-		n excellent so	nurce of vi	itamin A	
	(u)	(a)	(b)	(c)	(d)	(14)	113 10	11 13 4.	ii execiiciti se	dice of vi	italiuli 21	
	(A)	(iv)	(iii)	(i)	(ii)							
	(B)	(i)	(ii)	(iii)	(iv)							
	(C)	(iii)	(ii)	(iv)	(i)							
	(D)	(iii)	(ii)	(i)	(iv)							
	(-)	()	()	(-)	()							

A

26.		57°C	arried (B)	out at abo	ut:	(C)	87°C	(D)	97°C
27.	Dep	osition of fat with	nin lea	n muscle o	of meat	is kn	own as :		
	(A)	Stunning	(B)	Hoisting		(C)	Tenderizing	(D)	Marbling
28.		ch of the followir	ng is n	ot used for				meat ?	
	(A) (C)	Salt Enzymes			(B) (D)	Suga	ar trical stimulatio	on	
29.	The	bright cherry red	colou	r of cut me	eat is d	11e to	·		
		Oxymyoglobin						(D)	Myoglobulin
30.	Whi	ch of the followir	ng is a	water in o	il emu	lsion ?	arian ceen siinii Yeliis Sanadina		
	(A)	Milk	(B)	Butter		(C)	Cheese	(D)	Cream
31.				st cereal gr	rains w	hich	is rich in prote	ins and	which is removed
		ng milling is calle Aleurone		Mesocarp	,	(C)	Germ	(D)	Endosperm
32.	Whi	ch of the followin	ng is n	ot true in c	case of	hard	wheat ?		
	(A)	It yields strong	flour		(B)	It giv	ves elastic doug		
	(C)	It is used for bre	ead m	aking	(D)	It ha	s lower proteir	n conten	t than soft wheat
33.	Brea	k rolls in wheat n	nilling	consists of	f :				
	(A)	Smooth rollers r					er a colonia ger		
	(B)	Corrugated rolls		The state of the s					
	(C) (D)	Corrugated rollers r							
	(-)		Cuin	g in builte					
34.	In co	omparison to Raw	rice,	Parboiled 1	rice :				
	(A)	Is more difficult	to dig	gest					
	(B)	Gives less volun							
	(C)	Is more enriched	d with	vitamins a	and mi	nerals			
	(D)	Is more sticky							
35.	Shor	tening added dur	ing ba	aking is use	ed as				
	(A)	Tenderizer	(B)	Drier	a uo .	(C)	Moistener	(D)	Toughner
						2008			

30.		protein content of legumes is abo $7 - 14\%$ (B) $20 - 40\%$	ut:	(C) 50 - 60% (D) > 60%
27	771			
37.		process of winterization in oils is	-	
	(A)		(B)	Moisture
	(C)	Organic impurities	(D)	All of the above
38.	Tex	turised vegetable protein is used a	s:	
	(A)	Meat tenderizer	(B)	Meat curing agent
	(C)	Meat rendering agent	(D)	Meat extender
39.	Whi	ich one of the following micro - or	ganisn	ns is used in the preparation of bread?
	(A)	Gndida utilis	(B)	Saccharomyces cerevisiae
	(C)	Saccl - aromyces cevarum	(D)	Aspergilus niger
40.	In p	eanuts, moulds release a toxin nar	med ·	
	(A)	Antitrypsin	(B)	Afflatoxin
	(C)	Hemagglutinins	(D)	All of the above
	(-)	220200000000000000000000000000000000000	(2)	An of the above
41.	The	term HACCP stands for:		
	(A)	Hygiene Associated Critical Con-	trol Po	pint
	(B)	Hazard Analysis and Critical Co	mmer	cial Point
	(C)	Hygienic and Aesthetic Concept	of Cr	itical Products
	(D)	Hazard Analysis and Critical Co	ontrol	Point
42.	Whi	ch of the following preservative is	used i	for preservation of Volatile oils ?
	(A)	Sodium benzoate (B) KMS		(C) Sorbic acid (D) Alcohol
43.		term BHT stands for :		
	(A)	Butylated Hydroxy Toluene		
	(B)	Butylated Hydro Toluene		
	(C)	Butylated Hydroxy Tetraacetic a	cid	
	(D)	Butylated Hydroxyl Tetranisole		
44.	Silica	ates are used in food as :		
	(A)	Thickeners	(B)	Emulsifying agents
	(C)	Anticaking agents	(D)	Chelating agents

45.	. Match the following items in Group I and Group II:							
	Group I	Gr	oup II					
	(a) CMC	(i) Ble	aching agent					
	(b) EDTA	(ii) Thi	ckeners					
	(c) BHA	(iii) Ch	elating agents					
	(d) Benzoyl peroxide	(iv) An	tioxidants					
	(a) (b) (c) (d)							
	(A) (iv) (i) (iii) (ii)							
	(B) (ii) (iii) (i) (iv)							
	(C) (iii) (ii) (iv) (i)							
	(D) (ii) (iii) (iv) (i)							
46.	Annatto is:							
	(A) A food flavoring ager	nt (B)	An artificial sweetener					
	(C) A food color	(D)	A nutritional additive					
47.	The term FDA stands for:		End and Department of Assimilation					
	(A) Food and Drug Adul		Food and Days Analysis					
	(C) Food and Drug Adul	teration (D)	Food and Drug Analysis					
48.	The code that defines requi	rements for acce	eptable sanitary operation in food plants is :					
	(A) HACCP (B)		(C) FPO (D) GMP					
49.	The term GRAS stands for	- 1986 153						
	(A) Generally Referred to		Generally Recommended As Safe					
	(C) Generally Recognized	As Safe (D)	Generally Rendered As Safe					
50.	The controversial Delaney	clause is present	in :					
50.	(A) Food, drug and cosm		(B) HACCP					
	(C) Prevention of food ac		(D) Fruit product order					
51.		ganisms given be	elow is not responsible for ropy fermentation of					
	milk?							
	(A) Alcaligenes viscolactis	(B)	Enterobacter aercgenes					
	(C) Streptococcus cremonis	(D)	Streptococcus lactis					
52.	The primary bacterial spo	ilage of poultry	meat at low temperature, with characteristic					
	sliminess at outer surface, i							
	(A) Pseudomonas spp	(B)	Aspergillus spp					
	(C) Bacillus spp	(D)	Candida spp					

53.		process in which foods are placed gy source is:	d in a	shielded chamber and subjected to a radiant
	(A)	Pasteurization	(B)	Irradiation
	(C)	High Pressure processing	(D)	Ohmic heating
54.	Wha	t is the collective term for disease of	causir	ng microorganisms ?
	(A)	Bacteria (B) Germs		(C) Pathogens (D) Hosts
55.	In a	cold store, shrinkage of produce m	ainly	occurs due to :
	(A)	Low temperature	(B)	Low humidity
	(C)	High temperature	(D)	High humidity
56.	Whi	ch of the following is most suitable	for p	recooling of leafy vegetables ?
	(A)	Hydro cooling	(B)	Forced air cooling
	(C)	Vacuum cooling	(D)	Package icing
57.	The	optimum storage temperature of b	anana	
	(A)	5°C (B) 7°C		(C) 10°C (D) 13°C
58.	The	temperature and time conditions fo	r ster	rilization of food is:
	(A)	121°C and 15 minutes	(B)	100°C and 15 minutes
	(C)	121°C and 5 minutes	(D)	100°C and 5 minutes
59.	Smo	king is a :		e. The sent 15 mar for s
	(A)	Physical preservation method	(B)	Chemical preservation method
	(C)	Biological preservation method	(D)	All of the above
60.	The as:	time at a specified temperature requ	ired t	o destroy 90% of microbial population is known
	(A)	F value	(B)	Z value
	(C)	D value	(D)	None of the above
61.	MAI	e stands for :		
	(A)	Modified Atmospheric Packaging	(B)	Modified Airtight Packaging
	(C)	Moisture Altering Packaging	(D)	None of the above
62.	Hyd	rated lime is used as :		
	(A)	Oxygen scrubber	(B)	CO ₂ scrubber
	(C)	Ethylene scrubber	(D)	Humidifier

63.	Whi	ich of the following	is a common e	examp	le of a functional food ?
	(A)	Iodine in salt		(B)	Iron in sausages
	(C)	Beta carotene in c	arrots	(D)	Zinc in orange juice
64.	Whi	ich of the following	food sources r	nay co	ontain probiotics ?
	(A)	Whole wheat brea	d	(B)	Apple slices
	(C)	Pulses		(D)	Yoghurt
65.	Wha	at is a food that has	been manipul	ated to	provide additional health benefits?
	(A)	Neutraceuticals		(B)	Functional foods
	(C)	Phytochemicals		(D)	GM foods
66.	Whi	ch of the following	uses high inter	nsity e	lectric current for food preservation ?
	(A)	Microwave heatin	g	(B)	Ohmic heating
	(C)	Pulsed electric field	d processing	(D)	High pressure processing
67.	Whi	ch of the following i	is a cold paste	urizati	on technique ?
	(A)	Microwave heating	g	(B)	Ohmic heating
	(C)	Pulsed electric field	d processing	(D)	High pressure processing
68.	Milk	that can remain on processed by which	supermarket :	shelve ing m	s, free of microbial growth, for many years ha
	(A)	Aseptic processing		(B)	Use of humectants
	(C)	Using antibiotics		(D)	Sequestrants
69.	Wha	t is the composition	of prebiotics ?	,	
	(A)	Protein (E	3) Fat		(C) Fibre (D) Alcohol
70.	Whic	ch of the following r	nay produce f	ree rac	dicals ?
	(A)	Moderate exercise		(B)	Fruit vegetable diet
	(C)	Industrial chemical	s	(D)	Clean air
71.	Whic	ch among the follow	ing is not a cl	naracte	eristic of micro-teaching ?
	(A)	It is a teaching tech		(B)	It is a scaled down teaching endeavour
	(C)	It is a training technique	nique	(D)	It is a highly individualized training technique

72.	Wh	at would you do to a student who	altara	XIO (211)	annola rivitla atlana		- 1- 1 .
,	teac	at would you do to a student who ching ?	aiwa	ys qua	arreis with other	's in th	e classroom during
	(A)	You will ignore	(B)	You	will send him o	ut	
	(C)	You will punish	(D)	You	will talk with h	im per	sonally
73.	Wh	ich of the following statement is m	ost ap	propi	riate ?		
	(A)	A competent teacher can help al	l stud	lents p	ass the examina	tion	
	(B)	A competent teacher can create					
	(C)	A competent teacher can mainta	in sile	ence in	the class		
	(D)	A competent teacher can keep st	tuden	ts enga	aged		
74.	The	Socratic method of teaching is bas	ed on	:			
	(A)	Lecturing (B) Discovering	ng	(C)	Questioning	(D)	Analysing
75.	Tear	n teaching is :					
	(A)	Teaching different teams in different	rent a	spects	of a topic		
	(B)	Team of experts jointly teaching		7.0	•	oic to o	ne group
	(C)	Team of experts teaching the sam					9 14
	(D)	None of the above					
76.	Mos	t appropriate feature of qualitative	resea	rch is	i mana da	. 115	beet posses
	(A)	Quality is analysed	(B)		term process		as A
	(C)	Descriptive and indepth	(D)		archer's persona	l invol	
77.	Rand	domization is a part of :					
	(A)	Descriptive research	(B)	Expe	rimental researc	h	
	(C)	Historical research	(D)	_	st facto research		
78.	Wha	t does the following design indicat	te?				
	$O_1 X$	O_2					
	O ₁ <	O_4					
	(A)	True experimental					
	(B)	Quasi experimental					
	(C)	Same group act as both experime	ntal a	nd co	ntrol		
	(D)	None of the above					

79.	Deli	mitation in r	esearch rej	port refers	to:					
	(A)	Limitation	of the rese	archer in s	studying	g the p	oroblem			
	(B)	Setting lim	its to the r	esearch pr	oblem					
	(C)	Defining th	ne research	problem						
	(D)	All the abo	ve							
80.	The	null hypothe	esis is a sta	tement tha	at is :					
	(A)	The same a								
	(B)	Necessary				re, not	prove			
	(C)	Stated in th								
	(D)	Necessary								
81.		word 'secu stitution (Ar			he Prea	mble	of The Constitu	ition b	y the	
		Forty - first			econd	(C)	Forty - third	(D)	Forty - fourth	1
82.		composition Constitution		ouncil of S	tates sha	all be	in accordance w	ith Ar	ticle	_ 01
			(B)	80		(C)	81	(D)	82	
	(A)	79	(D)	00		(C)	O1	(D)	02	
83.	any	judgement, o	decree or figs, if the H	inal order igh Court	of a Hig certifies	that t	appeal lies to T urt in India, whe he case involves	ther in	a civil, crimina	al or
	(A)	131	(B)	131 - A		(C)	132 (1)	(D)	134 (1)	
84.	In po	eoples' Unio held that the	n for Civil e right to I	Liberties v	Union ersonal	of Ind	lian AIR 1997 SC under Article 2	568, T 1 inclu	the Supreme Co	our
	(A)	Right to pr	rivacy		(B)	Righ	t to medical care	2		
	(C)	Right to liv	relihood		(D)	Righ	t to shelter			
85.		cle r-state Coun		Constitut	ion em	powe	rs the President	of Inc	lia to establish	ar
	(A)	258	(B)	260		(C)	263	(D)	264	
86.	forb		published				information winal, as per			
	(A)	Section 8(1	(a) (B)	Section 8	8(1)(b)	(C)	Section 8(1)(f)	(D)	Section 8(1)(l	1)

87.	stat	der Section 35(1) of ement of the child s art taking cognizance	shall be r	ecorded wi	Childr thin a	en agai period	nst Sexua of	ol Offe	ences Act days of the	2012, the ne Special
	(A)	Fifteen (B) Thi	rty	(C)	Forty	five	(D)	Sixty	
88.	hou	der Section 3(1) of The seholds shall be ent onth at subsidized pri	itled to r	eceive		_ kilogra	ams of fo	od gra	ains per p	to priority erson per
	(A)	Two and a half		(B)	Five					
	(C)	Seven and a half		(D)	Ten					
89.	and	der Section 9(1) of The Redressal) Act 2013, n the date of inciden	, the agg	Harassment rieved Won	of Wo nan sh	men at N ould ma	Workplace ake a com	e (Prev plaint	vention, Pr within _	rohibition
	(A)	Twenty four hours	S	(B)	Fort	y eight	hours			
	(C)	One month		(D)		e mont				
90.	2007 Rup	ler Section 9(2) of T 7, the Maximum mai sees per Five thousand (I	ntenance month.	e allowance	to be	ordered	l by the T	ribun	enior Citi al shall no Ten tho	ot exceed
91.	The	head quarter of IAE	A is:							77.
	(A)	New York (E	3) Vier	ına	(C)	Belgiu	m	(D)	Washing	gton
92.	The	autobiography of G	. Sankara	ikurup :						
	(A)	Ormayude olangal		(B)	Oda	kuzhal				
	(C)	Oru desathinte kat	tha	(D)	Ente	samara	ım			
93.	The	last Bharath Rathna	Award	Winner alo	ng wit	th Sachi	n Tendul	kar :		
	(A)	A.P.J. Abdul Kalar		(B)		adhakri				
	(C)	K. Madhavan Nair		(D)	C.N.	R. Rao				
94.	The	first lady's publication	on in Ker	ala for the	ladies	:				
	(A)	Rajyasamachar (B		lekha	(C)	Kunth	alatha	(D)	Sarada	
95.	Jhans	si Rani of Travancor	e:							
	(A)	Kaumudi teacher		(B)	A.V.	Kuttim	alu Amm	a		
	(C)	Akkamma cheriyai	n	(D)	Mayi	lamma				

96.										
		Keralan	(B)		Uroob		(C)	Kovilan	(D)	Abhimani
97.	The	founder of 'F	acebook	<i>'</i> :						
	(A)	Winton Seri	f			(B)	Gim	my Wales		
	(C)	Mark Zucke	erberg			(D)	Lary	y Page		
98.	The	first muslim	lady fro	m l	Jttar Pr	adesh w	ho to	ok part in the	freedom s	struggle of India:
	(A)	Begum Haz	zrath ma	hal	l	(B)	Be 2	Amma		
	(C)	Muhzeena	Kidwai			(D)	Sulf	tana Razia		
99.	The reco		eated Vi	isw	anath A	nand an	d bro	ke his five yea	rs world c	hess championshi
	(A)	Magnes Ka	rlson			(B)	Kar	l Louis		
	(C)	Shikkaru N	Jakkamı	ıra		(D)	Kon	robo		
100.	The	first malayal	ee wom	an	placed :	in the In	dian	Postal Stamp		
	(A)	Akkamma	Cheriya	in		(B)	Sus	eela Gopalan		
	(C)	Sr. Alphon	samma			(D)	Ma	yilamma		
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						-00	0 -			