PART-A

Choose the most grammatically correct and meaningful option following the direction given for each question.

Direction : Find out the word approximately opposite in meaning to the given word.

1. Agony

A) pain B) bliss C) excitement D) fear

Direction : Find out the one word substitution for the given sentence.

- 2. A speech delivered without preparation.
 - A) straight forwardB) maidenC)I
 - C) verbose D) extempore

Direction : Find out the phrase nearest in meaning to the given word.

3. Alienate

A) to make friendly	B) to travel widely
C) to make isolated	D) to ban

Direction : Give a substitute that best expresses the meaning of the idiom/phrase marked in bold letters in the given sentence.

- 4. The detective **left no stone unturned** to trace the culprit.
 - A) took no pains B) did very irrelevant things
 - C) resorted to illegitimate practices D) used all available means

Direction : Complete the given sentence by choosing the right combination of the words mentioned as options.

- 5. It is useless to attempt to _____ from every danger, some _____ must be taken.
 - A) escape, chances B) free, results
 - C) protect, judgements D) dissociate, opportunities

Direction : Fill in the blanks with suitable articles.

6. I saw ______snake in _____ grass.A) the, theB) the, aC) an, theD) a, the

Direction : Fill in the blanks with appropriate prepositions. 7. The moon rose ______ twelve O'clock ______ the night. B) at, to C) at, in D) to, in A) in, at **Direction :** Fill in the blank with the appropriate word(s) to complete the following sentence. 8. There______ any message from my teacher, since she moved to London. A) isn't B) wasn't C) hasn't been D) hadn't been **Direction :** Fill in the blank with the correct form of the verb 'slam'. 9. He ______ the door whenever he goes out of the room. B) slams C) slam A) slammed D) slamming **Direction :** Choose the correct one from the following sentences. 10. A) The sooner a thing is done, the better it is. B) The sooner things is done, the better it is. C) The sooner things is done, better it is. D) The sooner a thing is done, a better it is. 11. The Indian Institute of Remote Sensing is located at A) Hyderabad B) Bengaluru C) Dehradun D) Ahmadabad 12. World Cancer Day (WCD) is observed every year on A) 4 February B) 5 February C) 2 February D) 3 February 13. The Reserve Bank of India (RBI) was established on C) 1st April 1940 D) 15th August 1947 A) 1st April 1935 B) 21st April 1943 14. "NITI Aayog" stands for A) National Institution for Transforming India Aayog B) National Institution for Transition India Aayog C) National Institution for Trade India Aayog D) National Information for Transforming India Aayog 15. First Chief Justice of India was A) M. Patanjali Sastri B) Mehar Chand Mahajan C) Zakir Hussain D) Hiralal J. Kania

16. Who wrote the book 'War and Peace' ?	
A) Leo Tolstoy	B) Mahatma Gandhi
C) Charles Dickens	D) Kipling
17. The symbol associated with Buddha's ren	unciation is
A) Bull B) Horse	C) Lotus D) Fish
18. "Yakshagana" is a folk dance-drama of	
A) Maharashtra B) Karnataka	C) Gujarat D) West Bengal
19. Electrostatic Precipitator is used for the co	ontrol of
A) Water Pollution	B) Air Pollution
C) Solid Waste	D) Noise Pollution
20. Which of the following city is not included cities to be developed as "Smart Cities" ?	d in the list of recently announced first 20
A) Bhubaneshwar B) Jaipur	C) Pune D) Varanasi
21. Who has won the 2016 Australian Open m	nen's singles title ?
A) Andy Murray	B) Stan Wawrinka
C) Novak Djokovic	D) Roger Federer
22. In a certain code language "ASKED" is w written in that code language ?	ritten as "45211". How will "EIGHT" be
A) 59782 B) 28795	C) 72958 D) 95728
23. Arrange the words given below in a mean	ingful sequence.
1. Nation2. Village3. C	City 4. District 5. State
The correct sequence is	
A) 2, 3, 4, 5, 1 B) 2, 3, 4, 1, 5	C) 1, 3, 5, 4, 2 D) 1, 2, 3, 4, 5
24. Five girls are sitting on a bench to be photo to the right of Bindu. Mary is to the right of	
Who is sitting immediate right to Reeta?	
A) Bindu B) Rani	C) Mary D) Seema
25. Which of the following is not a storage dr	ive ?
A) SSD B) SSHD	C) HDD D) SHDD

PART-B

26. Which of the following is liquefying enzyme ?					
A) α -amylase	B) β -amylase	C) Both	D) None		
27. Raffinose is made	up of				
A) Galactose, glue	cose and fructose	B) Mannose, g	B) Mannose, glucose and galactose		
C) Mannose, gluc	ose and fructose	D) Glucose, fr	uctose and sucrose		
28. Which of the follo	wing is the essential fat	tty acid?			
A) Stearic acid		B) Linolenic a	cid		
C) Lauric acid		D) Palmitic ac	id		
29. DHA is					
A) Docosa Hexae	noic Acid	B) Docosa Her	xanoic Acid		
C) Docosa Heptae	enoic Acid	D) Docosa He	ptanoic Acid		
30. Which of the follo	wing is plant derived ω	-3 fatty acid?			
A) ALA		B) Linoleic ac	B) Linoleic acid		
C) EPA		D) All of the a	D) All of the above		
31. Iodine value measures					
A) Degree of unsaturation		B) Degree of saturation			
C) Amount of carbon present		D) Number of iodine present			
32. Which of the follow	wing vitamin is absent	in egg ?			
A) Vit-A	B) Vit-C	C) Vit-D	D) Vit-K		
33. Roquefortine is for	and in which of the foll	owing ?			
A) Cheese	B) Meat	C) Egg	D) Fruits		
34. Vitamin A is the le	east stable under				
A) Acidic condition	ons	B) Alkaline co	onditions		
C) Both A and B		D) Neutral conditions			

35. Most abundant mineral present in the egg shell is					
A) Iron	B) Magnesium	C) Zinc	D) Calcium		
36. Antibiotic property	is present in which of	the following prote	ein fraction ?		
A) Lysozyme	B) Ovomucoid	C) Ovomucin	D) Avidin		
37. The protein portion	n of the myoglobin is c	alled			
A) Heme	B) Globin	C) Flavone	D) None of above		
38. During processing extent ?	of food which one of th	ne following vitami	n lost to the maximum		
A) Niacin	B) Vit. K	C) Ascorbic acid	d D) Vit. B6		
39. Gelatinization of s	tarch is				
A) Endothermic p	rocess	B) Exothermic p	process		
C) Reversible		D) Responsible	for staling of bread		
40. Which of the follow	wing explains the prote	in quality?			
A) Protein efficien	ncy ratio	B) Net protein r	etention		
C) PDCAAS		D) All of the abo	ove		
41. Which of the follow	wing amino acid is abso	ent in cereals?			
A) Methionine	B) Phenylalanine	C) Valine	D) Leucine		
42. Which of the follow	wing vitamin is absent	in fruits and vegeta	bles ?		
A) Vit-A	B) Vit-B	C) Vit-C	D) None		
43. Thixotropic flow is	3				
A) Non-newtonian	n, shear-thinning				
B) Newtonian, sh	ear-thinning				
C) Non-newtonian	C) Non-newtonian, shear-thickening				
D) Non-newtoniar	D) Non-newtonian, shear-thinning as well as shear-thickening				

Allowances

44.	RDA stands for	
	A) Regional Dietary Advisor	B) Recommended Dietary Allows
	C) Regional Drug Administrator	D) Recent Dietary Advancement
45.	BMI stands for	
	A) Basal Metabolic Index	B) Body Mass Index
	C) Body Metabolism Information	D) Biotin Metabolic Index
46.	Basmati rice has typical flavour due to	
	A) Ethyl acetate	
	B) Amyl acetate	
	C) Both ethyl acetate and amyl acetate	
	D) None of the above	
47.	Soxhlet method is based on which of the fe	ollowing principle ?
	A) Chemical analysis	B) Solvent extraction
	C) Colorimetry	D) Chromatography
48.	Adulteration of edible oil by mineral oil ca	n be identified by
	A) Halman's test B) Boudin test	C) Holde's test D) Carl's test
49.	Lacquering of cans helps in	
	A) Preventing cans from discolouration	
	B) Providing cheaper way of colouring th	e can
	C) Providing mechanical strength	
	D) Preventing can from shock during tran	sportation
50.	Canning is also known as	
	A) Appertization	B) Pasteurization
	C) Sterilization	D) Cold sterilization

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- A) Method of preservation at low temperature
- B) Polyolefin material
- C) A disinfectant used during processing in plants
- D) None of above
- 52. Heating of cream at low pressure is called as
 - A) Pasteurization B) Sterilization
 - C) Vacreation D) Thermo-sterilization
- 53. Which is correct statement ?
 - A) Hydrogenation is done to convert saturated fatty acids to saturated fatty acids.
 - B) Hydrogenated fat is resistance to oxidative rancidity.
 - C) Hydrogenation lowers the melting point of vegetable oils.
 - D) Elaidic acid is the principal *trans* saturated fatty acid often found in partially hydrogenated vegetable oils
- 54. Heating of frozen food is termed as
 - A) Dehydrofreezing B) Thawing
 - C) Freeze drying D) None of above
- 55. In slow freezing which of the following process occurs ?
 - A) Crystal size is big
 - B) Crystal size is small
 - C) Both extra cellular and intracellular crystallization takes place
 - D) Quality of product is better than fast freezing
- 56. Which of the following is being used in immersion freezing ?
 - A) Glycol B) Dry ice C) Ammonia D) All of above

57. Which of the follow	57. Which of the following is/are class – I preservative ?				
A) Sugar	A) Sugar		B) Sorbic acid		
C) Calcium propior	nates	D) All of abov	e		
58. In aseptic packaging	g, preservative used to	sterilize the pack	kaging material is		
A) Phosphoric acid		B) Sulphuric a	cid		
C) Hydrogen perox	tide	D) All of abov	e		
59. Which of the follow	ing is used as anticakin	ng agent ?			
A) Tricalcium phos	sphate	B) Magnesium	silicate		
C) Calcium silicate		D) All of abov	e		
60. Synthetic sweetner,	saccharine is how man	y times sweeter	than sucrose ?		
A) 20	B) 150	C) 300	D) 1000		
61. Vinegar is used as t	he preservatives in				
A) Confectionry	B) Ketchup	C) Jelly	D) Oils		
62. The change in colou	r of meat during cooki	ng is due to which	ch of the following?		
A) Denaturation of	myoglobin	B) Denaturation	on of haemoglobin		
C) Oxidation of fat		D) Both B and	С		
63. Define OHSAS.					
A) Operational Haz	ards Safety Application	n System			
B) Occupational Ha	azard Safety Applicatio	on System			
C) Occupational He	ealth Safety Assessmen	nt Series			
D) Operational Health Safety Assessment Series					
64. Psychotrophic microorganisms can grow at					
A) Freezing temper	ature	B) Refrigeration	on temperature		
C) Saline condition	IS	D) High tempe	erature		

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65. Which is the oil with the highest proportion of saturated fatty acids ? A) Wheat germ oil B) Corn germ oil C) Sunflower oil D) Coconut oil 66. Ropiness in bread is caused due to which of the following microorganism ? B) Serratia marcescens A) Bacillus licheniformis C) Geotrichum auranticum D) None of above 67. Slimy Kraut is due to which of the following microorganism? A) Penicillium notatum B) Bacillus subtilus C) Pediococus cerevisae D) Leuconostoc mesentroides 68. Thamnidium is responsible for which of the following ? A) Whiskers C) Putrefaction **B)** Stickiness D) Stamping ink 69. Mead is manufactured from which of the following ? A) Sugarcane B) Apple C) Honey D) Apricot 70. Which is correct statement ? A) Trans fat behaves like unsaturated fat by raising the level of LDL. B) Trans fat raise LDL and decrease levels of HDL. C) Trans fats always polyunsaturated. D) Trans fat are always saturated. 71. Oil from which of the following source is best for human health? A) Palm oil B) Hydrogenated oil D) Coconut oil C) Flaxseed oil 72. Gliadin protein present in wheat is responsible for A) Elasticity B) Extensibility C) Both D) None of above 73. Which of the following confectionary product contains dispersed air ? B) Marshmallow C) Fondant A) Fudge D) Caramel

74. What is the percentage of damage starch required for good quality bread ? A) 2-5% B) 9-12% C) 17-20% D) 23-26% 75. Which of the following is being used as oxidizing agent to improve the baking quality of flour? A) Calcium propionate B) Tricalcium phosphate C) Bromate D) Ethyl bromide 76. Which of the following enzyme is used for baking purpose ? A) Artificial amylase B) Bacterial amylase C) Salivary amylase D) Fungal amylase 77. Semolina is prepared from A) Hard wheat B) Soft wheat C) Durum wheat D) Buckwheat flour 78. Chocolate liquor is the another name for A) Cocoa mass B) Marshmallow C) Cocoa butter D) Chocolate drink 79. Which of the following protein contributes elasticity to dough ? A) Albumin B) Globulin C) Glutenin D) Gliadin 80. Which vitamin is the example of sugar acids ? C) Vitamin D D) Vitamin E A) Vitamin A B) Vitamin C 81. Green rot in egg is due to which of the following microorganisms ? A) Pseudomonas fluorescence B) Serratia marcescens C) Cladosporium D) Aspergillus niger 82. Rind rot is being observed in which of the following product ? A) Raw milk B) Cheese C) Evaporated milk D) Butter

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83. Flat sour spoilage of canned food is caused due to which of the following microorganism ? D) Serratia A) Pseudomonas **B)** Bacillus C) Clostridium 84. Sulphur stink in cane sugar is due to which of the following microorganisms? A) Pseudomonas fluorescence B) Alkaligens viscolacents C) Claviceps pupurea D) Clostridium nigrificans 85. "C"enamel cans are used for A) Low acidic foods B) Medium acidic foods D) Non acidic foods C) High acidic foods 86. Fruit squash have TSS of C) 30% D) 40% A) 12% B) 25% 87. Smoking is used for the preservation of which of the following ? A) Meat B) Cereals C) Eggs D) Pulses 88. Renin is which of the following ? A) Protease B) Amylase C) Lipase D) Pectinase 89. Dextrin and starch is obtained from maize by which of the following method ? A) Dry milling B) Wet milling C) Distillation D) Solvent extraction 90. Groundnut is the source of which of the following mycotoxins ? A) Aflatoxins B) BOAA C) Citrinin D) Penicillium 91. Clear juice is known as A) Squash B) Nectar C) Gin D) Cordial 92. The purpose of blanching is to destroy which of the following ? B) Microbes A) Enzymes C) Pathogens D) Antinutritional factor

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93.	93. Curcumin is present in which of the following ?				
	A) Beet root	B) Turmeric	C)	Chilly	D) Pineapple
94.	94. Magnetron is present in which of the following instrument ?				
	A) Microwave		B)	Autoclave	
	C) Bioreactor		D)	Plate heat excl	hanger
95.	Colour of egg yolk is	s due to which of the f	ollo	wing ?	
	A) Xanthophylls		B)	Curcumin	
	C) Sunset yellow		D)	B-carotene	
96.	Enzymatic browning	is due to which of the	e fol	lowing enzymes	s ?
	A) Polyphenol oxid	ase	B)	Protease	
	C) Pectinase		D)	Papain	
97.	pH of fresh buffalo r	nilk is which of the fo	llow	ving?	
	A) 3.8	B) 6.7	C)	4.5	D) 5.9
98.	MSG is used for whi	ch of the following ?			
	A) Cleaning agent		B)	Anticaking ag	ent
	C) Flavour enhance	r	D)	Artificial swee	etener
99.	99. Casein is present in which form in the milk ?				
	A) Colloidal form		B)	Dispersed form	n
	C) Emulsion form		D)	All of the above	/e
100.	100. Saurkraut is which of the following product ?				
	A) Fermented raddi	sh	B)	Fermented cab	bage
	C) Fermented carro	t	D)	Fermented spin	nach

SPACE FOR ROUGH WORK