

FOOD SAFETY OFFICER,FOODSAFTY

EXAM DATE:26-11-2015

1.The browning occurring in cut apples on aeration is due to the presence of:

- A.Polyphenolases\*
- B.Oxidoreductases
- C.Polymeric oxidases
- D.Polyhydrogenases

Ans:A

2.FSSAI stands for:

- A.Fire Safety and Security Association of India
- B.Food Safety and Standards Authority of India\*
- C.Fire Safety and Standards Arrangements Incorporation
- D.Food Safety and Security Association of India

Ans:B

3.Identify the correct group of stimulating constituents present in tea:

- A.Theobromine,triphylline,catechol
- B.Caffeine,tricantenol,trimethylamine
- C.Theonitrile,caffeiccol,theophylline
- D.Caffeine,theobromine,theophylline\*

Ans:D

4.Acceptable daily intake level of additives is derived from following:

- A.No observed adverse effect level of compound and uncertainty factor
- B.Level at which toxicity may not occur in humans\*

C.Levels likely to be used in foods

D.Chemical nature of the compound

Ans:B

5.Identify the cluster of essential fatty acids for humans from the following:

A.Myristic,arachidonic and capric acids

B.Linolenic,Linoleic and arachidonic acid\*

C.Stearic,malic and acetic acid

D.Linolenic,stearic and cholic acid

Ans:B

6.Aseptic packaging refers to:

A.Use of sterile packaging containers

B.Heating the food to make it sterile and then pack

C.Packaging sterile food in sterile atmosphere in sterile packaging\*

D.Using ultra high temperature for processing

Ans:C

7.Consumption of raw soybeans can be harmful to health because of the presence of following anti-nutritional factor:

A.Phytic acid

B.Tannins

C.Oxalates

D.Trypsin inhibitor\*

Ans:D

8.In a standard fruit jam preparation the content of total soluble solids should not be less than:

- A.68% W/W
- B.45% W/W
- C.65% W/W\*
- D.70% W/W

Ans:C

9.The State level of irradiation for foods,which presents no toxicological hazard is:

- A.5.0 kGy
- B.10.0 kGy
- C.7.0 kGy
- D.25.0 kGy\*

Ans:D

10.Subjecting rice to higher degree of polishing is associated with following:

- A.Better nutritional density and easy digestibility
- B.Better glycemic index and suitability for diabetics
- C.Lowered nutritional and better cooking characteristics\*
- D.Higher bioavailable nutrients and lowered sensory quality

Ans:C

11.Which among the following practice reduces the occurrence of Mastitis?

- A.Feeding concentrate

B.Urea molasses lick

C.Teat dipping\*

DAutomatic water bowl

Ans:C

12.Which among the following is used to test fat in milk?

A.Lactometer

B.Anemometer

C.CRO

D.Milktester\*

Ans:D

13.The bacterial culture used to prepare Yoghurt contains Streptococcus thermophilus and

A.Lactobacillus bulgaricus\*

B.Yersinia enterocolitica

C.Alcaligenes viscolactis

D.Escherichia coli

Ans:A

14.Which among the following is used to sterilize milk cans in dairies?

A.Steam

B.Iodophore solution\*

C.Autoclaving

D.All the above

Ans:B

15.The base material for preparing Shrikand is:

A.Chakka\*

B.Channa

C.Curd

D.Cheese

Ans:A

16.'Outlines of Dairy Technology' is written by:

A.Jagadish Prasad

B.N.S.R. Shastry

C.Sukumar De\*

D.Tufail Ahamed

Ans:C

17.The latest indicator organism for proper pasteurization is:

A.Coxiella burnetti\*

B.Mycobacterium tuberculosis

C.Bacillus anthraxis

D.FMD virus

Ans:A

18.Rasagolla is prepared using:

A.Paneer

B.Channa\*

C.Khoa

D.Condensed Milk

Ans:B

19.Aseptic packaging is used after which among the following processing method?

A.Pasteurisation

B.UHT Pasteurisation\*

C.Freezing

D.Drying

Ans:B

20.The water percentage of cow milk is approximately:

A.80%

B.90%

C.87%\*

D.50%

Ans:C

21.The bacterium known as "Terror of the deep" due to the sea food poisoning it causes with the highest fatality rate of any food borne bacterium:

A.Salmonella enteritidis

B.Vibrio vulnificus\*

C.Vibrio parahaemolyticus

D.Clostridium botulinum

Ans:B

22.The stunning method recommended for slaughter of adult cattle:

A.Electric stunning

B.Penetrative captive bolt pistol\*

C. Carbon dioxide gas stunning

D. All of the above

Ans: B

23. The dressing percentage for pigs is approximately:

A. 53%

B. 65%

C. 75%\*

D. 88%

Ans: C

24. ----- is used for testing the effectiveness of bleeding of carcass.

A. Sodium nitrate

B. Malachite green

C. Sodium ascorbate

D. All of the above\*

Ans: D

25. The larval nematode worm seen in striated muscle of pigs infecting human beings after ingestion of such infected port is:

A. *Trichinella spiralis*\*

B. *Toxoplasma gondii*

C. *Tichuris trichiura*

D. *Teenia solium*

Ans: A

26. Pick out the WRONG statement:

- A.The first transgenic cow,"Rosie",produced human protein-enriched milk
- B.Green rot in eggs is mainly caused by *Pseudomonas fluorescens*
- C.Bloom is the term used for preservation of meat using salt\*
- D.Pork and poultry meat are more susceptible to rancidity as they are richer in unsaturated fatty acids than other meats

Ans:C

27.The pink colour characteristics of cured meat is due to:

- A.Myoglobin
- B.Nitrosyl myoglobin
- C.Haemoglobin
- D.Nitrosyl Haemochromogen\*

Ans:D

28.Natural casing for sausage preparation is derived from:

- A.Intestinal submucosa
- B.Collagen\*
- C.Intestinal mucosa
- D.Cellulose

Ans:B

29.PSE condition of pork is caused due to:

- A.Short term pre-slaughter stress
- B.Chronic stress
- C.Rapid decline of muscle pH
- D.Both(a)and (c)\*

Ans:D



30.The vitamin which is ABSENT in chicken egg:

A.Vitamin C\*

B.Vitamin B<sub>12</sub>

C.Vitamin A

D.Vitamin E

Ans:A

31.Examination of Complainant by the Magistrate taking cognizance of an offence is not required,if:

A.He is a public servant

B.He is a private complainant

C.He is a doctor

D.A Court has made the complaint\*

Ans:D

32.Admissibility of documents procured by illegal means under Indian Evidence Act is:

A.Admissible

B.Not Admissible

C.Admissible if relevant and its genuineness proved\*

D.None of these

Ans:C

33.Primary Evidence under Sec.61 of Indian Evidence Act means:

A.Certified copies of documents

B.Photostat copies of attested by the Gazetted Officer\*

C.Original documents produced before the Court

D.None of these

Ans:B

**34.Unlicensed sale of food shall be punishable with:**

A.Imprisonment up to 6 months

B.Imprisonment up to 6 months and fine up to 5 lakhs\*

C.Fine up to Rs.2 Lakhs

D.Imprisonment up to 1 year and fine up to Rs.10 lakhs

Ans:B

**35.Death caused due to consumption of any food purchased from a seller,is liable to be compensated with:**

A.Not less than Rs.5 lakhs\*

B.Not less than Rs.10 lakhs

C.Not exceeding Rs.3 lakhs

D.Rs.7 lakhs

Ans:A

**36.The maximum penalty to be imposed on a person who sells any food which is not in compliance with the provisions/regulations of Food Safety Act,is:**

A.Rs.10 Lakhs\*

B.Not exceeding Rs.2 lakhs

C.Not exceeding Rs.5 lakhs

D.Rs.25000

Ans:A

37.In a complaint against several accused.If the complainant withdraws his complaint against one accused,the Magistrate can:

- A.Convict that particular accused
- B.Acquit all the accused
- C.Acquit the particular accused against whom the complaint is so withdrawn\*
- D.Convict all the accused

Ans:C

38.An application for bail under Section 438. Cr.P.C can be filed before:

- A.Any court
- B.First class Magistrate Court/Metropolitan Court
- C.Trial Court
- D.High court or Court of Session\*

Ans:D

39.In a trial before a Court of Session,prosecution shall be conducted by:

- A.Magistrate
- B.Public Prosecutor\*
- C.Amicus Curie
- D.Advocate General

Ans:B

40.Private Complaint can be filed before the Court under section-----of Cr.P.C

- A.190\*
- B.191

C.195

D.313

Ans:A

41.Which of the following has the lowest iodine number?

A.Soy bean oil

B.Cotton seed oil

C.Beef fat\*

D.Corn oil

Ans:C

42.Scurvy can be cured by the administration of:

A.Folic acid

B.Glutamic acid

C.Fumaric acid

D.Ascorbic acid\*

Ans:D

43.Dietary fibre represents the following nutrient group:

A.Lipids

B.Carbohydrates\*

C.Proteins

D.None of these

Ans:B

44.The one which is not used as a clarifier:

A.Phosphoric acid

B.Lead nitrate

C.Phosphotungstic acid\*

D.Lead acetate

Ans:C

45.Ionisation technique not used in mass spectrometry:

A.Fast atom bombardment

B.Field desorption

C.Laser desorption

D.Radiation\*

Ans:D

46.Inhomogeneity of flow velocities and path lengths around packing particles in column chromatography leads to:

A.Partition

B.Retention\*

C.Eddy diffusion

D.None of these

Ans:B

47.Energy yield per unit weight of food is known as:

A.Calorific value

B.Energy density\*

C.Both(a)and (b)

D.None of these

Ans:B

48.R.Q.of fats is less than carbohydrates because:

A.Fats have lesser oxygen content

B.Carbohydrates have lesser oxygen content

C.Fats have higher oxygen content

D.None of these

Ans:-

49.Specific Dynamic Action refers to:

A.Energy requires for Physical activity

B.Increased heat production following intake of food\*

C.Extra energy for exercising

D.Energy requirement by a person for dynamic activities

Ans:B

50.-----is an essential amino acid.

A.Aspartic acid

B.Glutamic acid

C.Proline

D.Threonine\*

Ans:D

51.Enrichment of lakes due to high concentration of organic nutrients

A.Humus formation

B.Biomagnification

C.Eutrophication\*

D.Nitrosification

Ans:C

52.The sanitizer commonly used for treatment of drinking water:

A.Sodium nitrate

- B.Sodium hypochlorite\*
- C.Sodium sorbate
- D.Sodium metabisulphate

Ans:B

53.Which of the following is a semi perishable food?

- A.Fish
- B.Egg
- C.Milk
- D.Potato\*

Ans:D

54.Temperature used in HTST pasteurization is:

- A.161<sup>0</sup>F\*
- B.145<sup>0</sup>F
- C.154<sup>0</sup>F
- D.175<sup>0</sup>F

Ans:A

55.Which of the following is not involved in the fermentation of Sauerkraut?

- A.Leuconostoc mesenteroides
- B.Lactebacillus plantarum
- C.Leuconostoc delbruekii\*
- D.Streptococcus faecalis

Ans:C

56.Enzyme used for the clarification of fruit juice:

A.Inertase

B.Pectinase\*

C.Protease

D.Lipase

Ans:B

57.The protective agent used in cryopreservation of bacterial cells:

A.EDTA

B.DMSO\*

C.SDS

D.NADP

Ans:B

58.Staining of specimens using uranyl acetate has been used in:

A.Atomic force microscope

B.Confocal Scanning Laser Microscope

C.Transmission Electron Microscope\*

D.Phase Contrast Microscope

Ans:C

59.Which of the following is a type of food intoxication?

A.Botulism\*

B.Salmonellosis

C.Cholera

D.Gastroenteritis

Ans:A

60.Ashbya gossypii is used commercially for the production of:

A.L-glutamic acid



B.Invertase

C.Cyanocobolamine

D.Riboflavin\*

Ans:D

61.Aflatoxin is the mycotoxin produced by:

A.Aspergill flavus\*

B.Fusarium spp

C.Claviceps purpurea

D.Aspergillus clavatus

Ans:A

62.Khapra beetle is a serious pest of stored:

A.Rice

B.Wheat\*

C.Pulses

D.Fruits

Ans:B

63.Most widely used chronic poison in rodent control:

A.Thallium sulphate

B.Barium carbonate

C.Warfarin\*

D.Zinc phosphide

Ans:C

64.Callosobruchus chinensis is a storage pest of:

A.Wheat

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B.Rice

C.Fruits

D.Pulses\*

Ans:D

65.Commercially the most viable mushroom world over is:

A.Budden mushroom

B.Oyster mushroom\*

C.Paddy straw mushroom

D.Milky mushroom

Ans:B

66.The best disinfectant for the empty store is the use of:

A.DD VP

B.Aluminium phosphate

C.Malathion\*

D.Gamma-BHC

Ans:C

67.Tapping and aroma are maturity indices of:

A.Jack fruit\*

B.Water melon

C.Tomato

D.Mango

Ans:A

68.Evaporative cooling system saturated with water is used in:

A.Onion storage

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B.Zero energy cool chamber\*

C.Cool stores

D.Irradiation

Ans:B

69."W"and 'O' emulsions are used in:

A.Storage of fruits and vegetables

B.Field spray of fruits and vegetables

C.Waxing of fruits and vegetables

D.None of the above\*

Ans:D

70.The most destructive of all field rate is:

A.Mus booduga

B.Rattus rattus

C.Rattus norvegicus

D.Bandicota bengalensis\*

Ans:D

71.Who was the founder of Samathva Sangamam?

A.Ayyan Kali

B.Sree Narayana Guru

C.Dr.Palpu

D.Vaikunda Swamikal\*

Ans:D

72.Leader of Bardoli Sathyagraha:

A.Nehru

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B.Sardar Vallabhai Patel\*

C.Gandhiji

D.Dr.Ambedkar

Ans:B

**73.Who was the first General Secretary of Nair Service Society?**

A.C.Kesavan

B.K.Kelappan

C.T.K.Madhavan

D.Mannathu Padmanabhan\*

Ans:D

**74.Who was known as the father of Local self Government in India?**

A.Lord Rippon\*

B.Lord Litton

C.Lord Minto

D.Lord Delhousie

Ans:A

**75.Who was the founder of Indian National Congress?**

A.Lord Duffrin

B.A.O.Hume\*

C.Dadabai Navaroji

D.Gandhiji

Ans:B

**76.Who was known as "Kerala Gandhi"?**

A.A.K.Gopalan

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B.M.C.Joseph

C.K.Kelappan\*

D.P.K.Chathan Master

Ans:C

77.Temple Entry Proclamation in Travancore issued on:

A.12 Nov.1936\*

B.24 Nov.1936

C.12 Jan 1936

D.24 Jan 1936

Ans:A

78.Which of the following story was written by Lalithambika Antharjanam?

A.Mudra

B.Thamarathoni

C.Gosayo paranja Katha\*

D.Marappavakal

Ans:C

79.Revolt of 1857 was started at:

A.Delhi

B.Meerut\*

C.Nepal

D.Audh

Ans:B

80."Kanneerum Kinavum" was the autobiography of:

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A.E.V.Krishnapillai

B.G.Sankarakurup

C.V.T.Bhattathiripadu\*

D.Changampuzha

Ans:C

81.Ajith is in the East of Manu and he is also in the north of :Akshay .If Raju is in the South of Akshay,then in which direction of Ajith is Raju?

A.North

B.South\*

C.South East

D.South West

Ans:B

82.Synonym of the word'Nupitals'

A.Wedding\*

B.Death

C.Birth

D.Disaster

Ans:A

83.Which is the odd one of the following ?

A.63

B.28\*

C.124

D.215

Ans:B

84.If the Surface area of a cube is  $294 \text{ cm}^2$ ,what is the volume of the cube?

A.216

B.176

C.294

D.343\*

Ans:D

85.If the word'INSPECTOR'is coded as 987654321.What is code for'INSPECTION'?

A.987654321

B.9876543928\*

C.9876543289

D.9876543288

Ans:B

86.If  $x/5 = y/3$  then  $x+5:y+3=$

A.3:5

B.5:7

C.5:3\*

D.7:5

Ans:C

87.What is the next number in the series 6,10,9,13,12,-?

A.15

B.6

C.16\*

D.11

Ans:C

88.Sum to infinity of the series  $\frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \dots$

A.1\*

B. $\frac{1}{4}$

C.2

D.Infinity

Ans:A

89.2015 September 24 is Monday.After 61 days it will be

A.Wednesday

B.Thursday

C.Tuesday

D.Saturday\*

Ans:D

90.Fill in the blanks:

Train:Station:Ship:

A.Sea

B.Harbour\*

C.Backwater

D.Anchor

Ans:B

91.The place where birds are kept:

A.Zoo

B.Aviary\*



C.Orchard

D.Aquarium

Ans:B

92.Choose the correctly spelt word:

A.Hypocrite\*

B.Hyppocrite

C.Hipocrite

D.Hippocrite

Ans:A

93.A Philatelist collects:

A.Coins

B.Clocks

C.Birds

D.Stamps\*

Ans:D

94.The antonym of"Confess":

A.Admit

B.Deny\*

C.Contest

D.Neglect

Ans:B

95.Find out the passive form of the given sentence:

Mary's attitude surprised her

A.She were surprised by Mary's attitude

B.Mary was surprised by her attitude

C.She was surprised by Mary's attitude\*

D.She had been surprised by Mary's attitude

Ans:C

96.Pick out the meaning of the given sentence:

He is high-handed

A.He is rich

B.He behaves arrogantly

C.He is in a superior position\*

D.He is always pleasing

Ans:C

97.She accused me-----poisoning her dog.

A.Of\*

B.For

C.With

D.On

Ans:A

98.Pick out the plural form of"hero".

A.Heros

B.Hero

C.Heroes\*

D.Heross

Ans:C

99.Germany is -----European country.

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A.An

B.A\*

C.the

D.No article required

Ans:B

100.Hema-----one of the best students in the class.

A.are

B.has

C.were

D.is\*

Ans:D

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