

**Question Booklet & Answer Key
for the Recruitment Test of
Assistant Food Technologist
held on 11.8.2013**

Khilare
Explore a new world

English Version

- (1) ਅੱਧਕ ਦੀ ਵਰਤੋਂ ਵਾਲਾ ਠੀਕ ਸ਼ਬਦ ਚੁਣੋ :
 (A) ਤਕੜੀ (B) ਤੱਕੜੀ (C) ਤਕੜੀ (D) ਤੱਕੜੀ
- (2) ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਸਹੀ ਸਮਾਸੀ ਸ਼ਬਦ ਚੁਣੋ :
 (A) ਅੰਨ-ਰੋਟੀ (B) ਅੰਨ-ਸੰਨ੍ਹ (C) ਅੰਨ-ਪਾਣੀ (D) ਅੰਨ-ਸਬਜੀ
- (3) ਭਾਵ-ਵਾਚਕ ਨਾਂਵ ਚੁਣੋ:
 (A) ਸਕੂਲ, ਮਕਾਨ (B) ਗਮੀ, ਖੁਸ਼ੀ (C) ਅਸੀਂ, ਤੁਸੀਂ (D) ਸੈਨਾ, ਜਲੂਸ
- (4) ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ ਦੀਆਂ ਕਿੰਨੀਆਂ ਕਿਸਮਾਂ ਹੁੰਦੀਆਂ ਹਨ:
 (A) ਪੰਜ (B) ਛੇ (C) ਸੱਤ (D) ਅੱਠ
- (5) 'ਇਹ ਉਸ ਦੀਆਂ ਪੁਸਤਕਾਂ ਹਨ' ਵਾਕ ਵਿੱਚ ਸੰਬੰਧਕ ਕਿਹੜਾ ਹੈ:
 (A) ਇਹ (B) ਉਸ (C) ਦੀਆਂ (D) ਪੁਸਤਕਾਂ
- (6) ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਨੂੰ ਲਿਖਣ ਲਈ ਢੁਕਵੀਂ ਲਿੱਪੀ ਕਿਹੜੀ ਹੈ :
 (A) ਗੁਰਮੁਖੀ (B) ਮਲਵਈ (C) ਫਾਰਸੀ (D) ਦੇਵਨਾਗਰੀ
- (7) 'ਉਹ ਘਰ ਗਿਆ ਤੇ ਉਸਨੇ ਰੋਟੀ ਖਾਧੀ' ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਵਾਕ ਦੀ ਕਿਹੜੀ ਕਿਸਮ ਹੈ:
 (A) ਸਾਧਾਰਨ (B) ਮਿਸ਼ਰਤ (C) ਸੰਯੁਕਤ (D) ਵਿਸਮਕ
- (8) 'ਹਥੀਂ ਛਾਵਾਂ ਕਰਨੀਆਂ' ਦਾ ਕੀ ਅਰਥ ਹੈ :
 (A) ਬੇਇਜ਼ਤੀ ਕਰਨੀ (B) ਆਦਰ ਮਾਣ ਕਰਨਾ
 (C) ਗਰਮੀਂ ਤੋਂ ਬਚਾਉਣਾ (D) ਛਾਂ ਕਰ ਦੇਣੀ
- (9) 'ਉੱਜੜੇ ਬਾਗਾਂ ਦੇ' ਅਖਾਣ ਪੂਰਾ ਕਰੋ :
 (A) ਮਾਲੀ ਨਿਕੰਮੇ (B) ਫਲ ਮਿੱਠੇ (C) ਅਮਰੂਦ ਕੱਝੇ (D) ਗਾਲੜ ਪਟਵਾਰੀ
- (10) 'ਪੁਆਧੀ' ਕੀ ਹੈ :
 (A) ਭਾਸ਼ਾ (B) ਲਿੱਪੀ (C) ਇਲਾਕਾ (D) ਉਪ-ਭਾਸ਼ਾ

Directions (Q.No 11-15):- Out of the four given options, choose the underlined part, in each of the following sentences, that has an error:-

11. Do not forget him whom brought this movement so far.
 A B C D
12. The applicant, being a householder, he is entitled to a vote.
 A B C D
13. Whom did you think was there?
 A B C D
14. I was the man whom they thought was dead.
 A B C D
15. The student, who you thought so highly of, has failed to win the first prize.
 A B C D

Directions (Q.No. 16-20):- Out of the four given choices, choose the correct synonym of the words given below:-

16. Bleary
 (A) Blurry (B) Bright (C) Brittle (D) Clear
17. Brusque
 (A) Shock (B) Curt (C) Abrupt (D) Blunder

18. Collate
 (A) Conciliate (B) Select (C) Gather (D) Cancel
19. Dilettante
 (A) Cruel (B) Dangerous (C) Amateur (D) Expert
20. Impecunious
 (A) Poor (B) Rich (C) Determined (D) Irrelevant
21. Which Sikh Guru started Langar (common dining) system?
 A) Guru Amar Das B) Guru Ram Das C) Guru Arjan Dev D) Guru Angad Dev
22. Who is known as Punjab's "Bearded Mother Teresa"?
 A) Partap Singh Kairon B) Master Tara Singh
 C) Bhagat Puran Singh D) Baba Balbir Singh Seechewal
23. Which Sikh personality has the distinction of coronating the successors of Guru Nanak upto 6th Guru?
 A) Bhai Gurudas B) Baba Srichand C) Bhai Mardana D) Baba Buddha
24. Nawab Kapur Singh conferred the title of 'Sultan-ul-qaum' on
 A) Ranjit Singh B) Jassa Singh Ramgarhia
 C) Jassa Singh Ahluwalia D) Banda Bahadur
25. Before 1962, Punjab Agriculture University (PAU) was known as
 A) Institute of agricultural research and extension B) College of agriculture
 C) Institute of agricultural education D) Centre for agricultural research
26. Arrange the following important events in the history of Punjab in chronological order
 1. Jallianwala Bagh Incident 2. Kamagata Maru Incident
 3. The Ghadar Movement 4. Battle of Saraghari
 A) 4, 3, 2, 1 B) 1, 2, 3, 4 C) 2, 3, 4, 1 D) 3, 4, 2, 1
27. What is correct about Singh Sabha?
 A) it was founded in 1907 at Lahore
 B) it aimed at protecting the interests of Sikhs through education and literature
 C) it prescribed a social code of conduct for Sikhs
 D) it was aimed at protecting the honour of Sikh woman and children
28. Which Guru was called 'Bala Pritam'?
 A) Guru Harkrishan Sahib B) Guru Amar Das Ji
 C) Guru Teg Bahadur Ji D) Guru Arjan Dev Ji
29. Which of the following is not correct?
 A) Punjab covers 1.5% of geographical area of country
 B) Punjab houses India's second largest tractor population
 C) Punjab has the highest per hectare fertilizer consumption
 D) main source of irrigation in Punjab are canals and tubewells
30. Punjab produces
 A) 2% of world's cotton, 2% of wheat and 1% of rice
 B) 5% of world's cotton, 5% of wheat and 2% of rice
 C) 3% of world's cotton, 3% of wheat and 1% of rice

- D) 1% of world's cotton, 3% of wheat and 6% of rice
31. Which country is the largest consumer of coal, accounting for almost half of world's consumption?
A) India B) USA C) China D) Russia
32. Which of the following is correct with respect to Commodity Transaction Tax (CTT)?
A) it comes to effect from July 1, 2013
B) its rate is 0.01% on transaction of various non-agricultural commodities
C) it is on futures trading and not on spot trading
D) all of the above
33. Which is world's largest desert?
A) Arabian Desert, Asia B) The Sahara, Africa
C) The Gobi, Asia D) Australian Desert, Australia
34. National Housing Bank is subsidiary of
A) RBI B) NABARD C) UTI D) LIC
35. Project 'Sanskalp' is associated with
A) illiteracy B) polio C) poverty D) AIDS/HIV
36. 'Mahatma' was added before Gandhiji's name during
A) Rowlatt Satyagraha B) Amritsar Session of INC in 1919
C) Champaran Satyagraha D) initial stage of Khalafat movement
37. 'Prosperity 2000' programme was launched with the help of
A) World Bank B) International Finance Commission
C) World Health Organization D) IMF
38. The 'stones' formed in human kidney consist mostly of
A) calcium oxalate B) calcium C) sodium oxalate D) magnesium sulphate
39. The office of Lokpal and Lokayukta in India is based on which one of the following?
A) Parliamentary commissioner of U.K. B) Ombudsman in Scandinavia
C) Procurator General of Russia D) Council of State in France
40. 'Epsom' is associated with
A) Polo B) Water Polo C) Table Tennis D) Horse riding
41. Complete the series 14, 19, 26, 35, 46, ____
A) 59 B) 49 C) 51 D) 58
42. In a certain language, MOTHER is written as ONHURF. How will ANSWER be written in that code?
A) NBXSSE B) NBWRRF C) MAVSPE D) NBWTRF

Read the following information given below and answer Q.Nos.43-44

Rani and Shreshtha are a married couple having two daughters, Medha and Deepti. Deepti is married to Anurag who is the son of Garima and Tarun. Nidhi is the daughter of Anurag. Komal who is Anurag's sister, is married to Harshit and has two sons, Aman and Prem. Prem is the grandson of Garima and Tarun.

43. What is the relationship between Aman and Nidhi?
A) cousins B) husband-wife C) father-daughter D) uncle-niece

44. Which of the following is true?
 A) Tarun is Deepti's maternal uncle B) Aman is son of Medha
 C) Garima is Harshit's mother-in-law D) Nidhi is the cousin of Komal

Read the following information and answer Q.Nos.45-46

- 1) There are 7 books one each on Psychology, Hindi, English, Sociology, Economics, Education and Accountancy, lying one above other
 2) Sociology is on the top of all books
 3) Accountancy is immediately below Education which is immediately below Sociology
 4) Economics is immediately above Psychology but in the middle
 5) Hindi is immediately below Psychology

45. Economics is between which of the following books?
 A) Accountancy and Education B) Psychology and Hindi
 C) English and Psychology D) Psychology and Sociology

46. Which three books are between Accountancy and Hindi?
 A) English, Economics and Psychology B) Economics, Psychology and Education
 C) Economics, Psychology and Hindi D) cannot be determined

47. The needle of a damaged compass which was showing correct direction North is now showing East. If Ram is going towards West as per damaged compass, then towards which direction is he actually going?
 A) West B) East C) North D) South

48. In the following series, how many pairs of successive number have a difference of two
 6 4 1 2 2 8 7 4 2 1 5 3 8 6 2 1 7 1 4 1 3 2 8 6
 A) 5 B) 6 C) 7 D) 8

49. If Atul finds that he is 12th from the right in a line of boys and 4th from the left. How many boys should be added to the line so that there are 28 boys in the line?
 A) 12 B) 13 C) 14 D) 15

50. Replace the question mark with one of the options given below:

24	144	384
6	36	?
2	12	32
1	6	16

- A) 80 B) 85 C) 91 D) 96

51. The maximum number of students among whom 1001 pens and 910 pencils can be distributed in such a way that each student gets the same number pens and the same number of pencils, is
 A) 91 B) 910 C) 101 D) 19

52. Some students planned a picnic. The budget for food was ₹ 500. But, 5 of them failed to go and thus cost of food for each student increased by ₹ 5. How many students attended the picnic?
 A) 15 B) 20 C) 25 D) 30

53. $\frac{x^2 - (y-z)^2}{(x+z)^2 - y^2} + \frac{y^2 - (x-z)^2}{(x+y)^2 - z^2} + \frac{z^2 - (x-y)^2}{(y+z)^2 - x^2} = ?$
 A) -1 B) 0 C) 1 D) 2

54. The average of 4 positive integers is 72.5. The highest integer is 117 and lowest integer is 15. The difference between the remaining two integers is 12. Which is higher of these 2 remaining integers?
 A) 85 B) 70 C) 73 D) 75
55. A circular garden has a circumference of 440 m. There is a 7 m wide border inside the garden along its periphery. The area of border is
 A) 2918 m² B) 2921 m² C) 2924 m² D) 2926 m²
56. A shopkeeper sells a badminton racket whose marked price is ₹ 30, at a discount of 15% and gives a shuttle cock costing ₹ 1.50 free with each racket. Even then he makes a profit of 20%. His cost price per racket is
 A) ₹ 19.75 B) ₹ 20 C) ₹ 21 D) ₹ 21.25
57. A, B, C enter into partnership and their capitals are in the proportion $\frac{1}{3} : \frac{1}{4} : \frac{1}{5}$. A withdraws half his capital at the end of 4 months. Out of a total annual profit of ₹ 8470, A's share is
 A) ₹ 2520 B) ₹ 2800 C) ₹ 3150 D) ₹ 4120
58. A fast train takes 3 hours less than the slow train for a journey of 600 km. If the speed of the slow train is 10 km/hour less than the fast train, the speed of the slow train is
 A) 40 km/hr B) 30 km/hr C) 35 km/hr D) 45 km/hr
59. The difference between compound and simple interest at the same rate on ₹ 5000 for 2 years is ₹ 72. The rate of interest per annum is
 A) 6% B) 8% C) 10% D) 12%
60. A leak in the bottom of a tank can empty the full tank in 6 hours. An inlet pipe fills water at the rate of 4 litre per minute. When the tank is full, the inlet is opened and due to leak, the tank in emptied in 8 hours. The capacity of the tank is
 A) 5260 litres B) 5760 litres C) 5846 litres D) 6970 litres
61. If you want a logo to appear on every slide at a fix location in a presentation prepared using MS-PowerPoint, you should include it on the:
 A) slide template. B) slide master C) slide document. D) slide file.
62. Suppose cell A1:A4 contain the following property values for four homes: Rs. 100000, Rs. 200000, Rs. 300000, Rs. 400000 respectively. Cell B1:B4 contain the following sales commissions on each of the corresponding property values: Rs. 7000, Rs. 14000, Rs. 21000, Rs. 28000. Then value of SUMIF(A1:A4, ">160000", B1:B4) equals
 A) 63000 B) 900000 C) 1000000 D) None of these
63. In MS-Word, Ctrl+J key combination is used for
 A) Align Text to both left and right margins by adding spaces between words
 B) Align Text to left margin by adding spaces between words
 C) Align Text to right margin by adding spaces between words
 D) Non of the Above
64. Which of the following is not a font style in MS-Word?
 A) Bold B) Italics C) Regular D) Superscript
65. Portrait and Landscape in MS-Office are
 A) Page Layout B) Paper Size C) Page Orientation D) All of above
66. Milk contains which of the following sugar?

- A. Sucrose B. starch C. Cellulose D. lactose
67. Vitamin responsible for blood clotting is-
 A. Vitamin A B. Vitamin K
 C. Vitamin B D. Vitamin C
68. Duboi's method is for estimation of-
 A. Calcium B. Protein
 C. Sugar D. Vitamin D
69. In mouth, pH is
 A. 3.5 B. 7.1
 C. 5.6 D. 2.3
70. Ghee is adulterated with
 A. Vanaspati B. Stones
 C. Starch D. Khesari Dal
71. Father of Canning is
 A. Nicholas Appert B. Louis Pasteur
 C. Peter Durand D. Alexander Fleming
72. Which of the following can be used for the preservation of breads and baked goods?
 A. Nitrites B. Benzoates
 C. Propionates D. Sugar
73. UV light has germicidal effect at the wavelength between
 A. 210-290 nm B. 430-450 nm
 C. 560-610 nm D. 140-180nm
74. The time and temperature used for pasteurization of milk is
 A. 72⁰C/15 min B. 72⁰C/30 min
 C. 72⁰C/ 15 sec D. 72⁰C/ 30 sec
75. Which one of the following is/are the desirable characteristics of antioxidants?
 A. Stability under processing conditions B. Compatibility with the food
 C. Non toxic D. All of the above
76. Which component of garlic has antimicrobial effect
 A. Allicin B. Allyl isothicyanate
 C. Methyl Sulphide D. All of the above
77. Baking powder is used in baking as
 A. Antimicrobial agent B. Anticaking agent
 C. Leavening agent D. None of the above
78. Pasta products are prepared from
 A. Hard wheat B. soft wheat C. Durum wheat D. Buckwheat flour
79. Guava is rich in
 A. Vitamin D B. Vitamin C
 C. Vitamin K D. Vitamin B complex
80. Cholesterol content of buffalo milk is
 A. Low compared to the corresponding value for cow milk
 B. High compared to the corresponding value for cow milk
 C. Same as the corresponding value for cow milk
 D. None of the above
81. Which vitamin is the example of sugar assets?
 A. Vitamin A B. Vitamin C
 C. Vitamin D D. Vitamin E
82. Number of carbon atoms in stearic acid is
 A. 12 B. 16 C. 18 D. 20
83. Hydrolysis of triglycerides with alkali is called
 A. Titration B. Hydrogenation
 C. Saponification D. Rancidity
84. Iodine value measures

- A. Degree of unsaturation
B. Degree of saturation
C. Amount of carbon present
D. Amount of iodine present
85. Which vitamin is absent in egg?
A. Vitamin A
B. Vitamin C
C. Vitamin D
D. Vitamin K
86. CMC is
A. Carboxy methyl cellulose
B. Cellulose manufacture centre
C. Critically modified cellulose
D. None of the above
87. ELISA means
A. Enzyme-Lacked Immunosorbent Assay
B. Enzyme-Linked Immunosorbent Assay
C. Enzyme-Lacked Immunoabsorbent Assay
D. Enzyme-Linked Immunoabsorbent Assay
88. A virus is a tiny infectious
A. Cell
B. Living thing
C. Particle
D. Nucleic acid
89. The temperature /pressure combination for an autoclave is
A. 100⁰C and 4 psi
B. 131⁰C and 9 psi
C. 121⁰C and 15 psi
D. 115⁰C and 3 psi
90. Fruit juice is spoiled by
A. Yeast and Moulds
B. Clostridia
C. Enterobacteria
D. Enterococci
91. Generation time of E-coli (in min) in broth and at 37⁰C is
A. 10
B. 20
C. 30
D. 40
92. The most common causes of spoilage of fruits and vegetables is
A. Molds
B. Yeast
C. Bacteria
D. Virus
93. Papain is obtained from
A. Papaya
B. Pine apple
C. Pomegranate
D. Pear
94. Which of the following nutrients contain atoms of carbon, hydrogen and oxygen?
A. Triglycerides
B. Amino acids
C. Sugar
D. All of the above
95. If Mary's caloric intake is 1500 calories, and she drinks a pop that contains 240 calories, what percent of her caloric intake is coming from the pop?
A. 9%
B. 16%
C. 12%
D. 20%
96. What is another name for freeze-drying?
A. Dehydration
B. Respiration
C. Irradiation
D. Lyophilization
97. Which of the following containers should not be used in microwave ovens?
A. Glass
B. Chinaware
C. Silver
D. Plastic
98. Which of the following gases is/are noble gas
A. Xe
B. O₃
C. N₂
D. All of the above
99. A buffer solution is a solution which helps in
A. Maintaining pH
B. Maintaining osmotic pressure
C. Decreasing pH
D. Decreasing osmotic pressure
100. Absolute zero is at
A. 273.15 ⁰C
B. -273.15 ⁰C
C. 273.15 K
D. 273.15 ⁰F

Answer- Key
Code: 24
(Asstt. Food Technologist)

Q.	Ans.	Q.	Ans.	Q.	Ans.	Q.	Ans.
1	B	26	A	51	A	76	A
2	C	27	B	52	B	77	C
3	B	28	A	53	C	78	C
4	D	29	B	54	A	79	B
5	C	30	A	55	D	80	A
6	A	31	C	56	B	81	B
7	C	32	D	57	B	82	C
8	B	33	B	58	A	83	C
9	D	34	A	59	D	84	A
10	D	35	D	60	B	85	B
11	C	36	C	61	B	86	A
12	C	37	C	62	A	87	B
13	A	38	A	63	A	88	C
14	C	39	B	64	D	89	C
15	B	40	D	65	C	90	A
16	A	41	A	66	D	91	B
17	B	42	D	67	B	92	A
18	C	43	A	68	C	93	A
19	C	44	D	69	B	94	D
20	A	45	C	70	A	95	B
21	D	46	A	71	A	96	D
22	C	47	C	72	C	97	C
23	D	48	B	73	A	98	A
24	C	49	B	74	C	99	A
25	B	50	D	75	D	100	B