

**TPSC**

**Previous Year Paper  
Food Safety Officer**

**2022**

**Adda247**

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# Test Prime

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Test Booklet Series

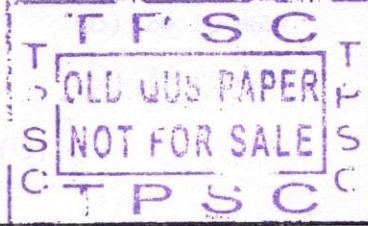
**TEST BOOKLET  
GENERAL ABILITY TEST**

**C**

(Signature of the Candidate)

(Invigilator's Signature)

Time Allowed – 2 hours (Two hours)



Maximum Marks – 85

**INSTRUCTIONS**

1. PLEASE CHECK THE TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. **ENCODE CLEARLY THE TEST BOOKLET SERIES A,B,C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET BY BLACK BALL POINT PEN ONLY.**
3. This Test Booklet contains 85 items (questions). Each question has four responses (answers). You will select the responses which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the most appropriate. In any case, choose **ONLY ONE** response for each item.
4. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
5. All items carry equal marks.
6. Before you proceed to mark in the Answer Sheet the responses to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instruction sent to you with your Admission Certificate.
7. After you have completed filling in responses on the Answer Sheet and the Examination is completed, you should hand over the Answer Sheet to the Invigilator only. You are permitted to take away the Test Booklet.
8. Sheets for rough work are appended on the Test Booklet at the end.
9. **Penalty for wrong answers :**
  - (a) There will be four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
  - (b) If a candidate gives more than one answer, it will be treated as a **Wrong Answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
  - (c) If a question is left blank, i.e no answer is given by the candidate, there will be **no penalty** for that question.

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Four options are given against each of the following questions. Select the best/correct option from among the four options and encode on the Answer Sheet by using **Black Ball Point Pen** only as per example given below :

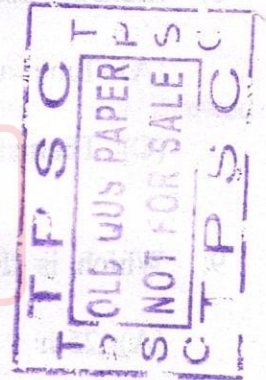
**Example :** The wheel in our National Flag has

- (A) 20 spokes                      (B) 24 spokes  
(C) 30 spokes                      (D) 25 spokes

**Answer :** (A) ● (C) (D)

**PART - I**

- The inside measurements of a card board is  $1.5 \times 0.75 \times 0.60 \text{ m}^3$ . The number of books of dimension  $20 \times 10 \times 7.5 \text{ cm}^3$  that can be arranged in the box are  
(A) 350                                      (B) 400  
(C) 450                                      (D) 500
- Find the wrong number in the series 380, 188, 92, 48, 20, 8, 2  
(A) 20                                      (B) 92  
(C) 48                                      (D) 2
- From the given alternatives, choose the correct compound word  
(A) thunderstorm                      (B) briefcase  
(C) wastecoat                              (D) copyright
- Which one of the given responses would be meaningful order of the following?  
(1) Pupa              (2) Larva              (3) Moth              (4) Egg  
(A) 4, 2, 1, 3                              (B) 4, 1, 2, 3  
(C) 4, 3, 2, 1                              (D) 4, 3, 1, 2



5. Y has to score 40% marks to pass an exam. He gets 20 marks and fails by 40 marks. The maximum marks of the exam are ?
- (A) 100 (B) 200  
(C) 150 (D) 250
6. Which Country has introduced the concept of 'Vaccinated Travel Lane (VTL) — ?
- (A) Singapore (B) Britain  
(C) China (D) USA
7. 'Dosti' is the biennial trilateral coastguard exercise performed by these three countries.  
(1) India (2) Maldives and (3) —
- (A) Indonesia (B) Japan  
(C) Sri Lanka (D) Myanmar
8. India's First Food Security Museum was established in which place — ?
- (A) Tanjavur – Tamilnadu (B) Surat – Gujarat  
(C) Thane – Maharashtra (D) Faridabad – Haryana
9. Which is the latest scientific expedition launched to Antarctica by India ?
- (A) 25th (B) 41st  
(C) 36th (D) 40th
10. SVAMITVA Scheme is launched by \_\_\_ Ministry of India ?
- (A) Housing and Urban affairs (B) Panchayati Raj  
(C) AYUSH (D) Agriculture and Farmers Welfare

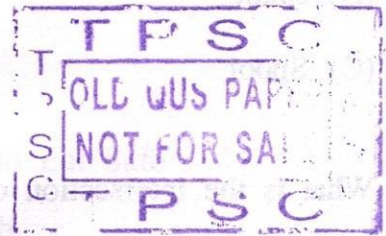
11. Select the correct synonym (most nearest meaning) for the following :

Accumulate

- (A) Scatter (B) Collect  
(C) Distribute (D) None of the above

12. Select the Antonym (most opposite meaning) of ONEROUS

- (A) Burdensome (B) Difficult  
(C) Light (D) Fluent



13. Choose the sentence which is written correctly.

- (A) Now we shall not go there unless we shall be asked  
(B) Now we shall unless we shall be asked not go there  
(C) Now we shall not go there unless we are asked  
(D) Now unless we shall be asked we shall not go there.

14. In the sentence given below, there is a blank space. There are four words marked (a) (b) (c) (d). Select the most appropriate word to fill in the blank.

You are trying to drag me \_\_\_\_\_ a controversy.

- (A) in (B) into  
(C) from (D) for

15. Many people have become entrepreneurs due to an aptitude \_\_\_\_\_ business (Fill in the blank with appropriate preposition)

- (A) of (B) in  
(C) about (D) for

16. A feature of MS Office that saves the document automatically after certain interval is called \_\_\_\_.
- (A) Save (B) Save As  
(C) Auto Save (D) Backup
17. Junk email is also called
- (A) spam (B) spoof  
(C) Spool (D) Sniffer script
18. What is the intersection of a column and a row on a worksheet called?
- (A) Column (B) Value  
(C) Address (D) Cell
19. The \_\_\_\_ feature of MS Excel quickly completes a series of data.
- (A) Auto Complete (B) Auto Fill  
(C) Fill Handle (D) Sorting
20. The output quality of a printer is measured by
- (A) Dots per inch (B) Dots per square inch  
(C) Dots printed per unit line (D) None of the above

## PART – II

21. FSSAI logo for fortified foods is

- (A) Circle with an F and a + sign with a ring
- (B) Rectangle with an F and a + sign with a ring
- (C) Square with an F and a + sign with a ring
- (D) None of the above

22. Eat Right India movement is about

- (A) Eat Healthy and Eat Safe
- (B) Eat Right and Eat Safe
- (C) Eat Healthy and Eat Nutritious
- (D) All of the above

23. Section 12 of The Food Safety and Standards Act, 2006 deals with

- (A) Functions of Central Advisory Committee
- (B) Scientific Committee
- (C) Officers and other employees of Food Authority
- (D) General principles to be followed in the administration of Act

24. For fortification of wheat flour, the nutrient(s) used are

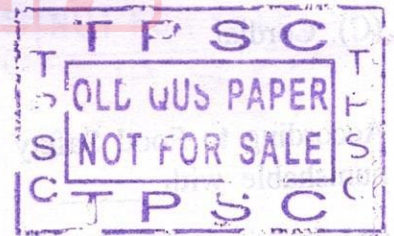
- (A) Vitamin A and Vitamin D
- (B) Iron, Folic Acid and Vitamin B12
- (C) Folic acid, Vitamin B12 and Vitamin D
- (D) Vitamin A, Iron and Vitamin C

25. Among the following which industrial enzyme is not derived from animals

- (A) Trypsin
- (B) Amylase
- (C) Lipoxigenase
- (D) Chymosin

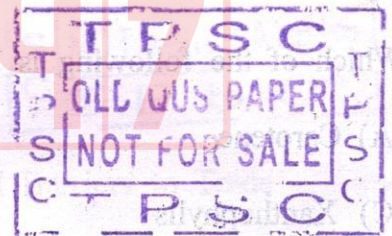
26. FSSAI license or registration is not required for
- (A) Pharmacies selling Health supplements
  - (B) Medical stores selling Nutraceutical products
  - (C) Units selling Packaging material
  - (D) Pulse/Grain milling units
27. The maximum fortification of iodine in table salt as per FSS Act 2006 is
- (A) 10 ppm
  - (B) 15 ppm
  - (C) 20 ppm
  - (D) 30 ppm
28. Processing of high pH foods is done at
- (A) Retorting temperature
  - (B) By superheated steam
  - (C) Boiling temperature
  - (D) Pasteurization temperature
29. The index enzyme in case of the blanching of vegetable is
- (A) Polyphenolase
  - (B) Peroxidase
  - (C) Catalase
  - (D) Chlorophyllase
30. The vitamins which are lost most readily during cooking are
- (A) Vitamin E and Niacin
  - (B) Vitamin C and Thiamin
  - (C) Vitamin D and Vitamin E
  - (D) Riboflavin and Vitamin C
31. Which among the following is not a dietary fiber ?
- (A) Arabinoxylan
  - (B) Pectin
  - (C) Inulin
  - (D) None of these

32. Which of the following essential fatty acid is required for infants ?
- (A) Linoleinic acid (B) Palmitic acid  
(C) Omega-9 fatty acids (D) Propionic acid
33. A patient consumes 100 ml of soup containing 20g of carbohydrates, 5g of protein, 2g of fat and 70 ml of water. What will be the calorific value of the soup ?
- (A) 80 kcal (B) 108 kcal  
(C) 110 kcal (D) 118 kcal
34. A widely used method to evaluate effectiveness of disinfectants is by determining their
- (A) Phenol coefficient (B) Alcohol coefficient  
(C) Halogen coefficient (D) Heavy metal coefficient
35. Botulism, a foodborne illness is an example of
- (A) Food intoxication (B) Food infection  
(C) Food allergy (D) None of these
36. The factor commonly used for Nitrogen to protein conversion in foods is
- (A) 5.25 (B) 6.25  
(C) 6.75 (D) 7.25
37. Which of the following test is used for fat estimation ?
- (A) Iodine solution test (B) Benedict's test  
(C) Biuret test (D) Ethanol emulsion test.

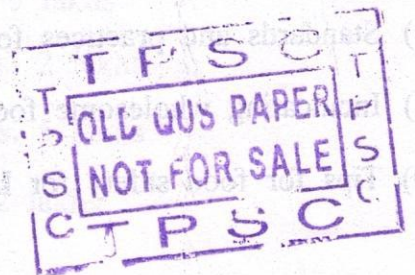


38. \_\_\_\_\_ is used as preservative in meat products.
- (A) Sodium benzoate (B) Potassium Metabisulfite  
(C) Sorbic acid (D) Sodium Nitrite
39. HACCP a management system in which food safety is addressed is based on \_\_\_\_\_ number of principles.
- (A) 5 (B) 6  
(C) 7 (D) 8
40. Which agency provides advice and support on levels of radionuclide contamination in foods and on food irradiation ?
- (A) IAEA (B) OIE  
(C) ISO (D) FAO
41. Which of the following is the maximum allowable dose of irradiation for inhibition the sprouting in white potatoes ?
- (A) 0.01 kGy (B) 0.15 kGy  
(C) 1 kGy (D) 15 kGy
42. \_\_\_\_\_ is a beverage containing 10 % fruit part and 10 % Total Soluble Solids.
- (A) Ready-to serve drink (B) Nectar  
(C) Cordial (D) Squash
43. According to Food Safety and Standards Act, 2006 unlicensed sale of food shall be punishable with \_\_\_\_\_.
- (A) Imprisonment upto 2 years and fine upto Rs. 5 lakhs  
(B) Imprisonment upto 6 months and fine upto Rs. 2 lakhs  
(C) Imprisonment upto 6 months and fine upto Rs. 5 lakhs  
(D) Imprisonment upto 1 year and fine upto Rs. 2 lakhs

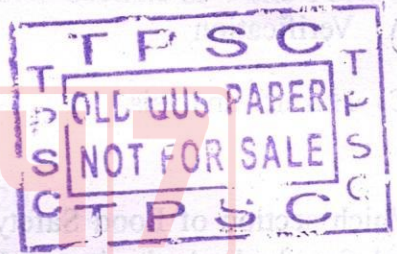
44. Monosodium glutamate is used as \_\_\_\_\_.
- (A) Artificial sweetener (B) Flavour enhancer  
(C) Anti-caking agent (D) Cleaning agent
45. As per standards for fortification of food Iron fortified Atta with Ferrous citrate or Ferrous lactate or Ferrous sulphate or Ferrous fructate or Ferrous Bisglycinate has following level of fortification per kg.
- (A) 28 mg to 47.5 mg (B) 10 mg to 30.5 mg  
(C) 65 mg to 100 mg (D) 110.5 mg to 140.5 mg
46. FSSAI has fixed a limit for Total Polar Compounds at \_\_\_\_\_ percent beyond which the vegetable oil shall not be used for cooking oil.
- (A) 10 (B) 20  
(C) 15 (D) 25
47. \_\_\_\_\_ proposes maximum residues limits (MRLs) for individual pesticides in or on specific commodities.
- (A) JMPR (B) JEFRA  
(C) JEFA (D) JEMRA
48. The Yellow book of FSSAI is aimed at \_\_\_\_\_.
- (A) Ensuring safe and nutritious food at workplace  
(B) Standards and practices for restaurants  
(C) Inculcating wholesome food habits at a young age  
(D) Tips for food safety for Indian household



49. A large-scale IT platform designed for food safety compliance through sampling and inspections is known as \_\_\_\_\_.
- (A) FoSTaC (B) FoSTaG  
(C) FoSCoRIS (D) FoSCoSIR
50. Artificial ripening of fruits by ethylene gas is permitted up to a concentration of \_\_\_\_.
- (A) 200 ppm (B) 100 ppm  
(C) 150 ppm (D) 250 ppm
51. The recommended healthy ratio of SFA : MUFA: PUFA is \_\_\_\_\_.
- (A) 1:2:1 (B) 1:3:1  
(C) 2:1:1 (D) 1:1.5:1
52. The Food Safety and Standards Regulations, 2011 prescribes the limit of trans fats to be not more than \_\_\_\_\_ percent by weight in vanaspati.
- (A) 5 (B) 10  
(C) 20 (D) 15
53. Which of the following is a water soluble pigment present in milk ?
- (A) Carotene (B) Lactoflavin  
(C) Xanthophylls (D) Chlorophyll
54. How many notified laboratories exists for sample analysis as per provisions of section-43 of FSS Act.
- (A) 7 (B) 4  
(C) 12 (D) 19

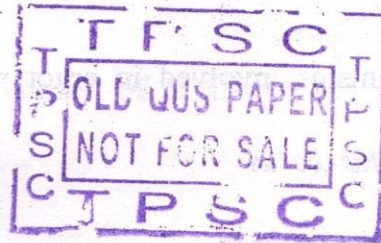


55. Cholesterol free product should contain less than \_\_\_\_\_ mg of cholesterol per serving.
- (A) 0.5 (B) 1  
(C) 1.5 (D) 2
56. Maximum permissible limit of use of sodium benzoate in squash and appetizer is \_\_\_\_\_.
- (A) 350 ppm (B) 600 ppm  
(C) 100 ppm (D) 400 ppm
57. Any food safety officer under the Act/rules may be punished if he/she vexatiously and without reasonable ground seizes any article of food or adulterant. As per the section 39 of \_\_\_\_\_ FSS Act punishment may be as penalty which may extend upto—
- (A) Rs. 25,000 (B) Rs. 50,000  
(C) Rs. 1,00,000 (D) Rs. 5,00,000
58. The Codex Alimentarius Commission works with how many UN official languages ?
- (A) Six (B) Seven  
(C) Five (D) Eight
59. TBT in food safety stands for
- (A) Total Barriers to Trade (B) Technical Barriers to Trade  
(C) Total Barriers to Transportation (D) Technical Barriers to Transportation
60. As per FSS Regulations the tolerance limit of insecticide Hydrogen phosphide in food grains is —
- (A) 0.05 mg/kg ppm (B) 0.001 mg/kg ppm  
(C) 0.100 mg/kg ppm (D) None of these



61. Which country is regional coordinator for FAO / WHO coordinating committee for Asia (CCASIA)
- (A) China (B) Sri Lanka  
(C) India (D) Bangladesh
62. Maximum level of Mercury contamination in Fish as per FSS Regulations, 2011 is—
- (A) 0.5 ppm by weight (B) 0.005 ppm by weight  
(C) 5 ppm by weight (D) 0.05 ppm by weight
63. Food Safety and Standards Act, 2006 contains \_\_\_\_\_ number of chapters and \_\_\_\_\_ number of sections.
- (A) 9 and 83 (B) 10 and 97  
(C) 11 and 113 (D) 12 and 101
64. Microbiological testing at various points in the cooking process of a whole roast chicken to confirm the destruction of pathogens is an example of:
- (A) Verification (B) Corrective action  
(C) Hazard analysis (D) Critical limits
65. Which section of Food Safety Act, 2006 contains the “Establishment of Food Safety and Standards Authority of India” ?
- (A) Section 2 (B) Section 4  
(C) Section 1 (D) Section 8
66. The World Trade Organization was established on
- (A) 2nd May 1985 (B) 1st January 1995  
(C) 5th March 1990 (D) 24th September 1997

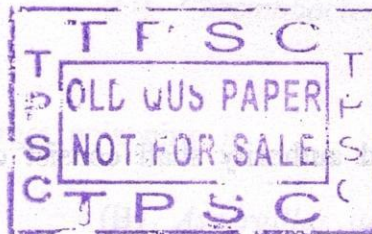
67. The Food Hygiene Rating of FSSAI has maximum score of \_\_\_\_ ?
- (A) 10 (B) 100  
(C) 5 (D) 50
68. What is the term used for the amount of a food additive which can be ingested daily over a lifetime without appreciable health risk ?
- (A) RDA (B) ADI  
(C) MPL (D) FDA
69. What should be the level of luminance in cooking section in a hotel or restaurant ?
- (A) 200 lux (B) 300 lux  
(C) 400 lux (D) 500 lux
70. The provisions of tolerance limit of pesticides, veterinary drug residues, antibiotic residues and microbiological counts in food is in which section of "The Food Safety and Standards Act, 2006" ?
- (A) Section 24 (B) Section 22  
(C) Section 21 (D) Section 20
71. \_\_\_\_ is the platform by FSSAI to promote food donation, stop food wastage and food loss in the country.
- (A) The Indian Food Sharing Alliance  
(B) The Indian Food Saving Alliance  
(C) The Indian Food Security Alliance  
(D) The Indian Food Sharing Agency



72. Verification procedures to determine if the HACCP program is working properly should NOT be conducted by :
- (A) An external consultant
  - (B) The individual responsible for performing normal monitoring and corrective actions
  - (C) A properly trained person from another department
  - (D) The HACCP team leader
73. Irradiated food is marked with
- (A) HACCP logo
  - (B) FSSAI logo
  - (C) Radura logo
  - (D) ISO logo
74. Gray mould rot is caused by \_\_\_\_\_.
- (A) *Botrytis sp*
  - (B) *Trichoderma sp*
  - (C) *Penicillium sp*
  - (D) *Phytophthora sp*
75. Green patches on the surface of meat is due to
- (A) *Penicillium expansum*
  - (B) *Pseudomonas syncynea*
  - (C) *Cladosporium herbarum*
  - (D) *Chromobacterium lividum*
75. Microorganisms involved in ergot poisoning is \_\_\_\_\_.
- (A) *Bacillus cerus*
  - (B) *Aspergillus flavours*
  - (C) *Clavis purpurea*
  - (D) *E. Coli*

77. In which type of chromatography, the stationary phase held in a narrow tube and the mobile phase is forced through it under pressure ?
- (A) Column chromatography      (B) Planar chromatography  
(C) Liquid chromatography      (D) Gas chromatography
78. Codex alimentarius standards are used by
- (A) Governments to protect consumer's health and ensure fair practices in food trade  
(B) Codex members to protect consumer's health and ensure fair practices in food trade  
(C) Members of public to protect health and ensure fair practices in food trade  
(D) Food manufactures to promote food trade
79. Ribotyping is a method to identify and classify bacteria based upon differences in r-DNA. Under this category Databases for which of the following bacteria have not been established
- (A) Listeria      (B) Staphylococcus  
(C) Salmonella      (D) None of these
80. The objective of ISO 22000
- (A) Certification for production plants  
(B) Minimize waste  
(C) Establish food safety management system  
(D) None of the above
81. Under FSS regulations, food authority shall consist of a chairperson and members numbering
- (A) 18      (B) 20  
(C) 22      (D) 25

82. In food analysis real time PCR tests are not used for which of the following
- (A) detection of pathogenic microorganisms
  - (B) detection of GM organisms
  - (C) identification of allergens
  - (D) None of these
83. Under FSS regulations, the desired quantity of milk sample required to be sent to food analyst is
- (A) 700 ml
  - (B) 600 ml
  - (C) 500 ml
  - (D) 250 ml
84. Which among the followings is not repealed in FSS Act 2006 ?
- (A) Consumer protection Act
  - (B) Prevention of food adulteration Act
  - (C) The fruit product order 1955
  - (D) The meat food product order 1973
85. The first railway station to get "Eat Right Station" rating by FSSAI is
- (A) Mumbai Central
  - (B) New Delhi Railway Station
  - (C) Indore
  - (D) Chennai Central.



(Space for rough work)

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TEST BOOKLET  
GENERAL APTITUDE TEST  
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