

This Question booklet contains 16 pages which is inclusive of cover page.

**DO NOT OPEN THIS QUESTION BOOKLET UNTIL ASKED TO DO SO.**

**जब तक कहा न जाए, इस प्रश्न-पुस्तिका को न खोलें।**

Q.P. Booklet Series

प्रश्न-पुस्तिका सीरीज़

Q.P. Booklet No.

प्रश्न-पुस्तिका क्रमांक

**B**

Question Paper

: Paper II

प्रश्न-पत्र

: प्रश्न-पत्र II

Question Paper Name

: Nutrition and Food Science, General Basic Management and Hotel Accounts

प्रश्न-पत्र का नाम

: पोषण और खाद्य विज्ञान, जनरल बेसिक मैनेजमेंट और होटल अकाउंट्स

Duration

: 1 hour (from 10.30 a.m. to 11.30 a.m.)

अवधि

: 1 घण्टा (10.30 ए.एम. से 11.30 ए.एम.)

Total Marks

: 100 Marks

कुल अंक

: 100 अंक

Please fill in the following details in his/her own handwriting using ball point pen.

कृपया निम्नलिखित जानकारियों को अपनी हस्तलिपि में बाल पॉइंट पेन का प्रयोग करके भरिए।

Roll No.

रोल नं.

Answer Sheet No.

उत्तर पत्रक क्रमांक

Name of Candidate

परीक्षार्थी का नाम

\_\_\_\_\_

Signature of Candidate

परीक्षार्थी के हस्ताक्षर

\_\_\_\_\_

**PLEASE READ INSTRUCTIONS ON THE BACK COVER CAREFULLY.**

**पिछले कवर पर दिए गए अनुदेशों को ध्यान से पढ़िए।**

**THIS QUESTION BOOKLET AND THE OMR ANSWER-SHEET ARE TO BE RETURNED ON COMPLETION OF THE TEST.**

**परीक्षा पूरी होने पर यह प्रश्न-पुस्तिका तथा ओ.एम.आर. उत्तर-पत्रक लौटा दें।**



**(Nutrition and Food Science, General Basic Management and Hotel Accounts)**

**(50 Questions)**

- (i) Each correct answer – 2 Marks
- (ii) Each no answer – 0 Mark
- (iii) Each wrong answer or repeated attempt – (minus) 0.5 Mark

1. Among the carbohydrates mentioned below, which one is Not a Monosaccharide?
  - (a) Glucose
  - (b) Dextrin
  - (c) Fructose
  - (d) Galactose
  
2. While cooking the starch in water, the temperature at which the starch granules swell is called the \_\_\_\_\_ temperature and is characteristic for each starch.
  - (a) Gelatinization
  - (b) Pasteurization
  - (c) Enzymization
  - (d) Dextrinization
  
3. Which of the following sugar prevents formation of sugar crystals in preserves and fondant?
  - (a) Invert sugar
  - (b) Caramel
  - (c) Damerara
  - (d) Glucose
  
4. Solidification of a liquid protein on heating is called:
  - (a) Perimysium
  - (b) Denaturation
  - (c) Epimysium
  - (d) Coagulation

5. Removal of high molecular weight triglycerides with high melting points by chilling the oil, so that oil remains clear and pourable at refrigeration temperatures; is called:
- (a) Neutralization
  - (b) Winterization
  - (c) Hydrogenation
  - (d) Rendering
6. A reaction between proteins or amino acids and sugars resulting in a brown colour, often accompanied by aroma and flavour when food is cooked; is called:
- (a) Myer's reaction
  - (b) Oxidation
  - (c) Millard reaction
  - (d) Hydrogenation
7. High Temperature Short Time pasteurization is a process in which a food product is heated to \_\_\_ °C for 15 seconds, then immediately cooled to \_\_\_ °C or less.
- (a) 72 °C and 10 °C
  - (b) 82 °C and 15 °C
  - (c) 85 °C and 15 °C
  - (d) 92 °C and 18 °C
8. In this type of freezer, cold air at  $-18\text{ }^{\circ}\text{C}$  to  $-34\text{ }^{\circ}\text{C}$  is vigorously circulated over food while it passes through an insulated tunnel:
- (a) Blast freezer
  - (b) Plate freezer
  - (c) Spray freezer
  - (d) Immersion freezer

9. The agents like Propylene Glycol and Glycerol that help in binding and retaining water and prevent food from drying out, are called:
- (a) Emulsifying agents
  - (b) Preservatives
  - (c) Glazing agents
  - (d) Humectants
10. Nutrients are the chemical substances present in food, which the body needs to carry out its functions. Food is the source of all nutrients, except:
- (a) Vitamin D
  - (b) Vitamin A
  - (c) Minerals
  - (d) Proteins
11. Milk, eggs and organ meat are good sources of vitamin B<sub>2</sub>, which is also known as:
- (a) Thiamine
  - (b) Riboflavin
  - (c) Pyridoxine
  - (d) Biotin
12. A softening and weakening of bones in children, also known as Rickets; is due to deficiency of:
- (a) Vitamin D
  - (b) Iron
  - (c) Vitamin B<sub>6</sub>
  - (d) Protein

13. Which of the following is an example of insoluble dietary fibre:
- (a) Gums
  - (b) Cellulose
  - (c) Pectin
  - (d) Mucilage
14. The mixture of electrolytes and glucose used for ORT is called:
- (a) ORS - Oral Regeneration Salts
  - (b) ORS - Oral Refreshment Salts
  - (c) ORS - Oral Rehydration Salts
  - (d) ORS - Other Regenerating Salts
15. Which of the following is Not a function of Calcium:
- (a) Enhances the vision of eye during low light
  - (b) Acts as a catalyst in clotting of blood
  - (c) Increases permeability of cell membranes
  - (d) Regulates contraction and relaxation of muscles including the heart beat
16. The amount of energy required by the body for carrying out involuntary work and maintaining the body temperature is known as:
- (a) Basic Movement Recognition
  - (b) Basal Metabolic Rate
  - (c) Basic Magnesium Requirement
  - (d) Broad Metabolism Requirement

17. The substances that prevent or delay oxidation by chemically protecting other substances in food from getting oxidized, are called:
- (a) Prohydrants
  - (b) Antibiotics
  - (c) Antioxidants
  - (d) Probiotics
18. Which of these is NOT considered a nutrient
- (a) Vitamins
  - (b) Minerals
  - (c) Fiber
  - (d) Fat
19. Which of these is required on the food label
- (a) Total carbohydrate
  - (b) Sugars
  - (c) Iron
  - (d) All of the above
20. Which of the following are essential for body growth and formation of new cells
- (a) Carbohydrates
  - (b) Protein
  - (c) Minerals
  - (d) Vitamins

21. "Many people want BMW, only few are able to buy" this is an example of
- (a) Need
  - (b) Want
  - (c) Demand
  - (d) Requirement
22. It's a combination of quality, service & price
- (a) Marketing Triad
  - (b) Customer Value Triad
  - (c) Customer Satisfaction Triad
  - (d) Service Quality Triad
23. "Get-out-production, cut-the-price" – Philosophy by Henry Ford is an example of
- (a) Marketing Concept
  - (b) Selling Concept
  - (c) Production Concept
  - (d) Product Concept
24. .... guides the development of advertisements & personal sales presentations.
- (a) AIEA
  - (b) AIBA
  - (c) AICA
  - (d) AIDA
25. Which is/are the form/sof direct marketing .....
- (a) Text messaging
  - (b) On-line advertisements
  - (c) Promotional letters
  - (d) All of the above



26. The process of analyzing jobs from which job descriptions are developed is called
- (a) Job analysis
  - (b) Job evaluation
  - (c) Job enrichment
  - (d) Job enlargement
27. The three performance counseling phases are
- (a) Rapport building, Exploration, Action Planning
  - (b) Support building, Exploration, Action Planning
  - (c) Rapport building,, Explanation, Action Planning
  - (d) Rapport building, Exploration, Accurate Planning
28. Planning function of management process involves
- (a) Developing employees
  - (b) Evaluating performance
  - (c) Establishing departments
  - (d) Establishing goals
29. Employee violates rules of organization as mentioned in the standing order because of which he has to leave the job is an example of
- (a) Forced retirement
  - (b) Premature retirement
  - (c) Voluntary retirement
  - (d) Superannuation

30. Organizational behavior is a study of investigating the impact of
- (a) Employee's behavior in an organization
  - (b) Societal behavior on an organization
  - (c) Country's culture on an organization
  - (d) Country's economic impact on an organization
31. The ..... of any organization is "the aggregate of all conditions, events & influences that surround & affect it".
- (a) System
  - (b) Environment
  - (c) Structure
  - (d) Strategy
32. It enables the strategies to take corrective action at the right time
- (a) Implementation control
  - (b) Special alert control
  - (c) Strategic surveillance control
  - (d) Premises control
33. Vertical integration is concerned with
- (a) Supply chain
  - (b) Production
  - (c) Quality
  - (d) Planning

34. GDP stands for
- (a) Growth Domestic Production
  - (b) Gross Domestic Product
  - (c) Gross Daily Production
  - (d) Gross Domestic Process
35. .... function applies to all company levels irrespective of levels of hierarchy
- (a) Planning
  - (b) Organizing
  - (c) Staffing
  - (d) Directing
36. The present value of all inflows are cumulated in
- (a) Order of investment
  - (b) Order of cash
  - (c) Order of time
  - (d) Order of sales
37. Return on the assets can be computed as
- (a)  $\text{Annual net income} / \text{Average total assets}$
  - (b)  $\text{Sales} / \text{cost of sales} \times 100$
  - (c)  $\text{Income} / \text{Sales} \times 100$
  - (d)  $\text{Sales} / \text{Net Income}$

38. The proposal is accepted if the value of the profitability index is more than
- (a) One
  - (b) Zero
  - (c) Three
  - (d) Five
39. The ratio most useful for short- term creditors is
- (a) Leverage ratio
  - (b) Activity ratio
  - (c) Liquidity ratio
  - (d) None of the above
40. A company's sales less its variable expenses is called as
- (a) Break Even Point
  - (b) Contribution Margin
  - (c) Net profit
  - (d) Cumulative Profit
41. Which financial statement displays the revenue & expenses of a company for a period of time?
- (a) Income statement
  - (b) Balance sheet
  - (c) Cash flow statement
  - (d) Statement of stockholder's equity
42. Which is not a liability account?
- (a) Accounts payable
  - (b) Accrued expenses
  - (c) Cash
  - (d) Notes payable

43. Fresh capital introduction will increase
- (a) Assets & liability
  - (b) Assets & equity
  - (c) Liability & equity & bank balance
  - (d) Capital & liability
44. In the communication process, to encode means to
- (a) Block a pathway between the sender and receiver of message
  - (b) Translate ideas into a code
  - (c) Speak to large group of people
  - (d) Interpret a code
45. F&B Manager communicating with Executive Chef is an example of
- (a) Upward Communication
  - (b) Intrapersonal communication
  - (c) Lateral communication
  - (d) Extra personal communication
46. Grapevine communication means
- (a) Formal communication
  - (b) Informal Communication
  - (c) Horizontal Communication
  - (d) Vertical Communication

47. Where accuracy of communication is important then which communication type is desirable
- (a) One way communication
  - (b) Two way communication
  - (c) Both 'A' and 'B'
  - (d) None of the above
48. Shortening duration of critical activities in CPM is known as
- (a) Lead time
  - (b) Slack
  - (c) Float
  - (d) Crashing
49. PERT stands for
- (a) Project Evaluation Review Technique
  - (b) Program Evaluation Review Technique
  - (c) Program Evaluation Resource Technique
  - (d) Project Engineering Review Technique
50. SWG stands for
- (a) Swedish Wire Gauge
  - (b) Standard Width gap
  - (c) Standard wire Gauge
  - (d) Standard width and Girth



## INSTRUCTIONS TO CANDIDATE

### परीक्षार्थी के लिए अनुदेश

- Candidate must read the instruction before start replying :

जवाब देना आरम्भ करने से पहले उम्मीदवार को निर्देश पढ़ना चाहिए :

  - There are 50 Multiple Choice Questions in this booklet, all carry equal marks.  
50 बहुविकल्पी सवाल इस पुस्तिका में हैं, तथा सबके अंक बराबर हैं।
  - For correct answer darken/blacken the appropriate bubble/circle.  
सही सवाल का जवाब देने के लिए उचित बुलबुला/वृत्त काला करें।
  - Use blue or black ball point pen.  
नीले या काले रंग की स्याही का उपयोग करें।
  - Each correct answer carry **two** marks.  
प्रत्येक सवाल के सही जवाब के दो अंक मिलेंगे।
  - For a wrong answer 0.50 marks will be deducted.  
एक सवाल के गलत जवाब के लिए 0.50 अंक की कटौती की जाएगी।
  - No mark will be awarded for question not attempted.  
प्रश्न का प्रयास नहीं करने पर कोई अंक प्राप्त नहीं होगा।
  - Darkening of two or more bubbles/circles for answering MCQ will be treated as wrong answer.  
दो या दो से अधिक बुलबुले Darkening कर MCQ प्रश्न के लिए उत्तर को गलत जवाब माना जाएगा।
- Candidate must write his/her name, Roll Number and Answer Sheet Number on the cover page of this Question Paper Booklet.

उम्मीदवार अवश्य इस प्रश्न पत्र बुकलेट के कवर पेज पर अपना नाम, रोल नंबर और उत्तर-पत्र नंबर लिखें।
- Candidate must hand over the question paper booklet along with Answer Sheet to the invigilator at the end of Examination.

अभ्यर्थी परीक्षा उपरांत प्रश्न-पत्र के साथ-साथ उत्तर-पत्र शीट को अन्वेषक को सौंप दें।
- No extra sheet will be given to the candidate for rough work. They can use any blank space on the Question paper booklet for the purpose.

किसी कच्चे काम के लिए उम्मीदवार को कोई अतिरिक्त कागज नहीं दिया जाएगा। वे प्रयोजन के लिए प्रश्न-पुस्तिका में किसी भी रिक्त स्थान का उपयोग कर सकते हैं।