



Test Paper : III
 Test Subject : HOME SCIENCE
 Test Subject Code : K-3013

Test Booklet Serial No. : _____

OMR Sheet No. : _____

Roll No.

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 (Figures as per admission card)

Name & Signature of Invigilator/s

Signature: _____
 Name : _____

Signature: _____
 Name : _____

Paper : III
Subject : HOME SCIENCE

Time : 2 Hours 30 Minutes

Maximum Marks : 150

Number of Pages in this Booklet : 16

Number of Questions in this Booklet : 75

ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು

- ಈ ಪುಟದ ಮೇಲ್ಭಾಗದಲ್ಲಿ ಒದಗಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ನಿಮ್ಮ ರೋಲ್ ನಂಬರನ್ನು ಬರೆಯಿರಿ.
- ಈ ಪತ್ರಿಕೆಯು ಬಹು ಆಯ್ಕೆ ವಿಧದ ಏಕಪ್ರಶ್ನೆ ಪ್ರಶ್ನೆಗಳನ್ನು ಒಳಗೊಂಡಿದೆ.
- ಪರೀಕ್ಷೆಯ ಪ್ರಾರಂಭದಲ್ಲಿ ಪ್ರಶ್ನೆಪುಸ್ತಕವನ್ನು ನಿಮಗೇ ನೀಡಲಾಗುವುದು. ಮೊದಲ 5 ನಿಮಿಷಗಳಲ್ಲಿ ನೀವು ಪುಸ್ತಕವನ್ನು ತೆರೆಯಲು ಮತ್ತು ಕೆಳಗಿನಂತೆ ಕಡ್ಡಾಯವಾಗಿ ಪರೀಕ್ಷಿಸಲು ಕೋರಲಾಗಿದೆ.
 - ಪ್ರಶ್ನೆಪುಸ್ತಕಕ್ಕೆ ಪ್ರವೇಶಾಪಕಾಶ ಪಡೆಯಲು, ಈ ಹೊದಿಕೆ ಪುಟದ ಅಂಚಿನ ಮೇಲಿರುವ ಪೇಪರ್ ಸೀಲನ್ನು ಹರಿಯಿರಿ. ಸ್ಕ್ರಾಪ್ ಸೀಲ್ ಇಲ್ಲದ ಪ್ರಶ್ನೆಪುಸ್ತಕ ಸ್ವೀಕರಿಸಬೇಡಿ. ತೆರೆದ ಪುಸ್ತಕವನ್ನು ಸ್ವೀಕರಿಸಬೇಡಿ.
 - ಪುಸ್ತಕಿಯಲ್ಲಿನ ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ ಮತ್ತು ಪುಟಗಳ ಸಂಖ್ಯೆಯನ್ನು ಮುಖಪುಟದ ಮೇಲೆ ಮುದ್ರಿಸಿದ ಮಾಹಿತಿಯೊಂದಿಗೆ ತಾಳೆ ನೋಡಿರಿ. ಪುಟಗಳು/ಪ್ರಶ್ನೆಗಳು ಕಾಣೆಯಾದ, ಅಥವಾ ದ್ವಿಪ್ರತಿ ಅಥವಾ ಅನುಕ್ರಮವಾಗಿಲ್ಲದ ಅಥವಾ ಇತರ ಯಾವುದೇ ವ್ಯತ್ಯಾಸದ ದೋಷಪೂರಿತ ಪುಸ್ತಕವನ್ನು ಕೂಡಲೆ 5 ನಿಮಿಷದ ಅವಧಿ ಒಳಗೆ, ಸಂವಿಧಾನದಿಂದ ಸರಿ ಇರುವ ಪುಸ್ತಕಕ್ಕೆ ಬದಲಾಯಿಸಿಕೊಳ್ಳಬೇಕು. ಆ ಬಳಿಕ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯನ್ನು ಬದಲಾಯಿಸಲಾಗುವುದಿಲ್ಲ, ಯಾವುದೇ ಹೆಚ್ಚು ಸಮಯವನ್ನೂ ಕೊಡಲಾಗುವುದಿಲ್ಲ.
- ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಗೂ (A), (B), (C) ಮತ್ತು (D) ಎಂದು ಗುರುತಿಸಿದ ನಾಲ್ಕು ಪರ್ಯಾಯ ಉತ್ತರಗಳಿವೆ. ನೀವು ಪ್ರಶ್ನೆಯ ಎದುರು ಸರಿಯಾದ ಉತ್ತರದ ಮೇಲೆ, ಕೆಳಗೆ ಕಾಣಿಸಿದಂತೆ ಅಂಡಾಕೃತಿಯನ್ನು ಕಪ್ಪಾಗಿಸಬೇಕು.
 ಉದಾಹರಣೆ: (A) (B) (C) (D)
 (C) ಸರಿಯಾದ ಉತ್ತರವಾಗಿದ್ದಾಗ.
- ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಗಳನ್ನು ಪತ್ರಿಕೆ III ಪುಸ್ತಕಿಯೊಳಗೆ ಕೊಟ್ಟಿರುವ OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮಾತ್ರವೇ ಸೂಚಿಸತಕ್ಕದ್ದು. OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿನ ಅಂಡಾಕೃತಿ ಹೊರತುಪಡಿಸಿ ಬೇರೆ ಯಾವುದೇ ಸ್ಥಳದಲ್ಲಿ ಗುರುತಿಸಿದರೆ, ಅದರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲಾಗುವುದಿಲ್ಲ.
- OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಕೊಟ್ಟ ಸೂಚನೆಗಳನ್ನು ಜಾಗರೂಕತೆಯಿಂದ ಓದಿರಿ.
- ಎಲ್ಲಾ ಕರಡು ಕೆಲಸವನ್ನು ಪುಸ್ತಕಿಯ ಕೊನೆಯಲ್ಲಿ ಮಾಡತಕ್ಕದ್ದು.
- ನಿಮ್ಮ ಗುರುತನ್ನು ಬಹಿರಂಗಪಡಿಸಬಹುದಾದ ನಿಮ್ಮ ಹೆಸರು ಅಥವಾ ಯಾವುದೇ ಚಿಹ್ನೆಯನ್ನು, ಸಂಗತವಾದ ಸ್ಥಳ ಹೊರತು ಪಡಿಸಿ, OMR ಉತ್ತರ ಹಾಳೆಯ ಯಾವುದೇ ಭಾಗದಲ್ಲಿ ಬರೆಯಬಾರದು, ನೀವು ಅನರ್ಹತೆಗೆ ಬಾಧ್ಯರಾಗಿರುತ್ತೀರಿ.
- ಪರೀಕ್ಷೆಯು ಮುಗಿದ ನಂತರ, ಕಡ್ಡಾಯವಾಗಿ OMR ಉತ್ತರ ಹಾಳೆಯನ್ನು ಸಂವಿಧಾನದಂತೆ ನೀವು ಹಿಂತಿರುಗಿಸಬೇಕು ಮತ್ತು ಪರೀಕ್ಷಾ ಕೊಠಡಿಯ ಹೊರಗೆ OMR ನ್ನು ನಿಮ್ಮೊಂದಿಗೆ ಕೊಂಡೊಯ್ಯ ಕೂಡದು.
- ಪರೀಕ್ಷೆಯ ನಂತರ, ಪರೀಕ್ಷಾ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯನ್ನು ಮತ್ತು ನಕಲು OMR ಉತ್ತರ ಹಾಳೆಯನ್ನು ನಿಮ್ಮೊಂದಿಗೆ ತೆಗೆದುಕೊಂಡು ಹೋಗಬಹುದು.
- ನೀಲಿ/ಕಪ್ಪು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ ಮಾತ್ರವೇ ಉಪಯೋಗಿಸಿರಿ.
- ಕ್ಯಾಲ್ಕುಲೇಟರ್ ಅಥವಾ ಲಾಗ್ ಟೇಬಲ್ ಇತ್ಯಾದಿಯ ಉಪಯೋಗವನ್ನು ನಿಷೇಧಿಸಲಾಗಿದೆ.
- ಸರಿ ಅಲ್ಲದ ಉತ್ತರಗಳಿಗೆ ಋಣ ಅಂಕ ಇರುವುದಿಲ್ಲ.

Instructions for the Candidates

- Write your roll number in the space provided on the top of this page.
- This paper consists of seventy five multiple-choice type of questions.
- At the commencement of examination, the question booklet will be given to you. In the first 5 minutes, you are requested to open the booklet and compulsorily examine it as below :
 - To have access to the Question Booklet, tear off the paper seal on the edge of this cover page. Do not accept a booklet without sticker-seal and do not accept an open booklet.
 - Tally the number of pages and number of questions in the booklet with the information printed on the cover page. Faulty booklets due to pages/questions missing or duplicate or not in serial order or any other discrepancy should be got replaced immediately by a correct booklet from the invigilator within the period of 5 minutes. Afterwards, neither the Question Booklet will be replaced nor any extra time will be given.**
- Each item has four alternative responses marked (A), (B), (C) and (D). You have to darken the oval as indicated below on the correct response against each item.
Example : (A) (B) (C) (D)
 where (C) is the correct response.
- Your responses to the question of Paper III are to be indicated in the **OMR Sheet kept inside the Booklet**. If you mark at any place other than in the ovals in OMR Answer Sheet, it will not be evaluated.
- Read the instructions given in OMR carefully.
- Rough Work is to be done in the end of this booklet.
- If you write your name or put any mark on any part of the OMR Answer Sheet, except for the space allotted for the relevant entries, which may disclose your identity, you will render yourself liable to disqualification.
- You have to return the test OMR Answer Sheet to the invigilators at the end of the examination compulsorily and must NOT carry it with you outside the Examination Hall.
- You can take away question booklet and carbon copy of OMR Answer Sheet soon after the examination.
- Use only Blue/Black Ball point pen.**
- Use of any calculator or log table etc., is prohibited.**
- There is no negative marks for incorrect answers.**

**HOME SCIENCE****Paper – III**

Note : This paper contains **seventy five (75)** objective type questions. Each question carries **two (2)** marks. **All** questions are **compulsory**.

1. Turmeric contains the colouring pigment
 - (A) curcumin
 - (B) annatto
 - (C) eugenol
 - (D) terpenes
2. Invert sugar is a mixture of
 - (A) glucose and maltose
 - (B) glucose and fructose
 - (C) glucose and lactose
 - (D) glucose and galactose
3. Freeze drying employs the principle of
 - (A) evaporation
 - (B) sublimation
 - (C) condensation
 - (D) cooling
4. Arrange in correct sequence, the progression of vitamin A deficiency
 - a) keratomalacia
 - b) night blindness
 - c) bitot's spots
 - d) corneal xerosis

Codes :

(A) b,	a,	d,	c
(B) d,	a,	c,	b
(C) b,	c,	a,	d
(D) a,	b,	d,	c
5. Anthropometry is the science of measuring
 - (A) size, weight and proportions of human body
 - (B) body composition
 - (C) height and weight of human body
 - (D) weight and proportions of human body
6. The requirement for vitamin C is highest for
 - (A) smokers
 - (B) athletes
 - (C) alcoholics
 - (D) elderly
7. **Assertion (A) :** Soyabean milk is prepared by grinding roasted beans in a stream of water to obtain an emulsion, which is then cooked and used.
Reason (R) : Soya milk is good for children with lactose intolerance.
Codes :
 - (A) (A) is true and (R) is false
 - (B) (A) is false and (R) is true
 - (C) Both (A) and (R) are false
 - (D) Both (A) and (R) are true



8. **Assertion (A)** : Carbohydrates are found in starchy foods

Reason (R) : Carbohydrates are useful for body building.

Codes :

- (A) (A) is true and (R) is false
- (B) Both (A) and (R) are false
- (C) Both (A) and (R) are true
- (D) (A) is false and (R) is true

9. Which of the following ion is essential for blood clotting ?

- (A) Potassium
- (B) Sodium
- (C) Chloride
- (D) Calcium

10. Insulin hormone is synthesized by

- (A) Thyroid gland
- (B) Parathyroid gland
- (C) Islets of langerhans
- (D) Adrenal gland

11. Which vitamin is a natural antioxidant ?

- (A) Vitamin E
- (B) Vitamin B₁
- (C) β -carotene
- (D) Vitamin B₂

12. Match the following metabolites with the metabolic cycle

List – I
(Metabolite)

List – II
(Metabolism)

- | | |
|---------------|-------------------------------|
| a) Pyruvate | i) Kreb's cycle |
| b) Ribose 5-P | ii) Glycolysis |
| c) Acetyl CoA | iii) Cholesterol |
| d) HMG CoA | iv) Pentose phosphate pathway |

Codes :

- | | a | b | c | d |
|-----|----------|----------|----------|----------|
| (A) | ii | iv | i | iii |
| (B) | i | ii | iv | iii |
| (C) | iii | i | iv | ii |
| (D) | ii | iii | iv | i |

13. Match the following :

- | | |
|--------------------|---------------------------------|
| i) Vertical lines | a) Increases size |
| ii) Small prints | b) Decreases size |
| iii) Dull textures | c) Look taller |
| iv) Heavy fabrics | d) Creates pleasing personality |

Codes :

- | | i | ii | iii | iv |
|-----|----------|-----------|------------|-----------|
| (A) | d | c | b | a |
| (B) | c | d | b | a |
| (C) | b | a | d | c |
| (D) | c | a | b | d |



14. Which of the following is/are true for obtaining a good fit through draping ?

- (i) Adjust the measurement according to the requirement
- (ii) Time saving
- (iii) Less calculation
- (iv) Visualise the shape of the finished garment

Codes :

- (A) i, ii, iii
- (B) i, iv
- (C) ii, iii
- (D) iii, iv

15. **Assertion (A) :** Fashion is a method of expression of aesthetics and beauty in individual clothing.

Reasoning (R) : Correct choice of fabrics can be made.

Codes :

- (A) Both (A) and (R) are correct
- (B) Both (A) and (R) are wrong
- (C) (A) is correct but (R) is wrong
- (D) (R) is correct but (A) is wrong

16. The type of sewing machine used in garment industry is

- (A) Hand driven machine
- (B) Treadle machine
- (C) Electric machine
- (D) Fully automatic

17. The type of collar preferred for a coat is

- (A) Peterpan collar
- (B) Partial roll collar
- (C) Shawl collar
- (D) Straight collar

18. A tracing wheel is used in garment construction for

- (A) Transfer of pattern to fabric
- (B) Marking the pattern
- (C) Obtaining smooth curves
- (D) Perforating the fabric

19. Which of the following stitch is used in Kasuti embroidery ?

- (A) Kamal Kadai
- (B) Negi
- (C) Satin
- (D) Fly stitch



20. Arrange the sequence for the weaving process :

- i) Picking
- ii) Beating up
- iii) Shedding
- iv) Winding

Codes :

- (A) iii, i, ii, iv
- (B) i, ii, iv, iii
- (C) ii, iii, i, iv
- (D) iii, iv, ii, i

21. **Statement – I :** Mercerization is the process in which cotton fabrics are treated with Sodium Hydroxide.

Statement – II : Strength and dye affinity are achieved through mercerization.

Codes :

- (A) Both Statement I and II are correct
- (B) Both Statement I and II are wrong
- (C) Statement I is correct but II is wrong
- (D) Statement II is correct but I is wrong

22. Yarns that are irregular at regular intervals are known as

- (A) Spun yarns
- (B) Core yarns
- (C) Novelty yarns
- (D) Textured yarns

23. What type of weave is used in mosquito net fabrics ?

- (A) Leno weave
- (B) Plain weave
- (C) Dobby weave
- (D) Basket weave

24. Which process controls the reduction in the width of the fabric ?

- (A) Calendering
- (B) Tendering
- (C) Sanforizing
- (D) Napping

25. When a vaccine is given, the child becomes immune to certain diseases by making

- (A) Antigen
- (B) Antibodies
- (C) Immunization
- (D) Toxins

26. "Play is not a trivial pursuit, but a serious occupation for a child" was stated by

- (A) Hurlock
- (B) Maria Montessori
- (C) Gandhiji
- (D) Fredrick froebel



27. _____ is defined as an anticipatory, apprehensive and hypertonic avoidance reaction.

- (A) Speech impairment
- (B) Stuttering
- (C) Voice disorder
- (D) Night blindness

28. Guidance is based on the principle of

- (A) Holistic development of the individual
- (B) Individualistic development of the individual
- (C) Socialistic development of the individual
- (D) Psychological development of the individual

29. _____ guidance helps the child to judiciously utilize the leisure time.

- (A) Social
- (B) Educational
- (C) Vocational
- (D) Avocational

30. A major hazard of socialization is

- (A) Overprotection
- (B) Lack of opportunity
- (C) Low motivation
- (D) All of the above

31. Two widely used projective methods of assessment are

- (A) Rorschach Inkblot test and TAT
- (B) BSID and RPM
- (C) BSID and WISC
- (D) RPM and WISC

32. Arrange in proper sequence Erikson's psychosocial stages:

- i) Ego Integrity
- ii) Intimacy
- iii) Autonomy
- iv) Industry
- v) Initiative
- vi) Basic trust
- vii) Identity
- viii) Generativity

Codes :

- (A) vi, iii, v, iv, vii, ii, viii, i
- (B) iii, iv, vi, v, i, vii, ii, viii
- (C) viii, vii, v, iv, ii, i, iii, vi
- (D) v, vi, iv, i, ii, iii, viii, vii



33. Match the research methods :

- | | |
|-----------------------------|---|
| i) Naturalistic observation | a) Flexible conversational style |
| ii) Clinical interview | b) Field, natural environment |
| iii) Structured observation | c) Interviews, observations test scores. |
| iv) Case study | d) Laboratory situation |
| v) Structured interviews | e) Same set of questions for each participant |

Codes :

- | | | | | | |
|-----|----------|-----------|------------|-----------|----------|
| | i | ii | iii | iv | v |
| (A) | b | a | e | c | d |
| (B) | a | b | d | c | e |
| (C) | b | d | c | e | a |
| (D) | c | d | e | a | b |

34. Prenatal period is

- (A) The first four weeks after conception
- (B) The entire term between conception and birth
- (C) The last four weeks before birth
- (D) Period immediately after birth

35. Id-Ego and super ego are principle components of

- (A) Theory of personality dynamics
- (B) Theory of structure of personality
- (C) Theory of psychosexual development
- (D) Theory of Hierarchy of needs

36. Growth proceeding from mass to specific activities is called

- (A) Integration
- (B) Differentiation
- (C) Cephalocaudal sequence
- (D) Proximodistal sequence

37. Which of the following methods can be adopted for teaching Home Science ?

- i) Trainee dominated method
- ii) Trainer dominated method
- iii) Co-operative method
- iv) Functional method

Codes :

- (A) i, ii, iii, iv
- (B) i, ii
- (C) iii, iv
- (D) i, iv



38. Match the following methods of teaching

- | | |
|------------------|----------------------------------|
| i) Telling | a) Practicals,
workshop |
| ii) Showing | b) Motion picture,
Exhibition |
| iii) Doing | c) Lecture, radio talk |
| iv) Experiencing | d) Field trips |

Codes :

- | | | | | |
|-----|----------|-----------|------------|-----------|
| | i | ii | iii | iv |
| (A) | b | c | a | d |
| (B) | a | b | c | d |
| (C) | a | c | b | d |
| (D) | d | b | a | c |

39. Group approach in teaching Home Science include

- i) Method demonstration
- ii) Lecture
- iii) Conference
- iv) Tours

Codes :

- (A) i, ii, iii
- (B) ii, iii, iv
- (C) i, ii, iii, iv
- (D) i, iii, iv

40. State which of the following statement is/ are true :

- A) Teaching equipment should meet the needs effectively and be readily available.
- B) Teaching equipment refer to only audio-visual equipments

Codes :

- (A) Both A) and B) are true
- (B) Both A) and B) are partially true
- (C) Only A) is true
- (D) Only B) is true

41. Adults learn best when they have :

- i) A strong desire to learn
- ii) Clear goals before them
- iii) Put forth efforts to learn
- iv) Receive satisfaction from what they have learn't

Codes :

- (A) i, ii
- (B) i, ii, iii
- (C) i, iv
- (D) i, ii, iii, iv

42. Which are the nutritional deficiencies of public health importance ?

- (A) B complex deficiency
- (B) Anemia and Vitamin 'A' deficiency
- (C) Pellagra and rickets
- (D) Anemia and rickets

43. Match the following audio visual aids with examples.

Audio Visual aids	Examples
i) Non-projected visual aids	a) Movie projector
ii) Projected Visual aids	b) Drama
iii) Non-projected audio visual aids	c) Slide projectors
iv) Projected audio visual aids	d) Chalk board

Codes :

i	ii	iii	iv
(A) d	c	b	a
(B) c	d	b	a
(C) a	b	c	d
(D) b	a	d	c

44. An aid to arouse people to immediate action and is highly suggestive is

- (A) Flash cards
- (B) Poster
- (C) Chalk board
- (D) Bulletin Boards

45. Charts that are particularly useful in showing trends and relationships are

- (A) Line charts
- (B) Stream charts
- (C) Time charts
- (D) Pictorial charts

46. Self employment and entrepreneurship through Home Science, make a Home Scientist

- i) Self confident
- ii) A good communicator
- iii) A good manager of resource
- iv) Secure financially, socially and psychologically

Codes :

- (A) i, ii
- (B) ii, iv
- (C) i, ii, iii
- (D) i, ii, iii, iv

47. The block or barrier to participation in Adult Education are

- i) Fear
- ii) Lack of knowledge
- iii) Lack of time
- iv) Lack of skill

Codes :

- (A) i, ii, iii, iv
- (B) i, ii, iii
- (C) i, iv
- (D) i, ii



48. The types of needs of adult learners are
- i) Felt or recognized needs
 - ii) Economic, social, psychological, spiritual and security needs
 - iii) Affection or response needs
 - iv) Status, prestige, achievement and recognition needs

Codes :

- (A) i, ii, iii
- (B) i, ii
- (C) i, iii, iv
- (D) i, ii, iii, iv

49. Breakdown of cholesterol to bileacids will be accelerated by _____ glands.

- (A) Thyroid
- (B) Pituitary
- (C) Adrenal
- (D) Parathyroid

50. Match the following diets with the clinical conditions :

Diet	Condition
i) Mechanical soft diet	a) Gastrointestinal disturbance
ii) Full fluid diet	b) Geriatrics
iii) Soft diet	c) Post operative condition
iv) Clear liquid diet	d) Myocardial infarction

Codes :

- | | | | | |
|-----|----------|-----------|------------|-----------|
| | i | ii | iii | iv |
| (A) | a | b | c | d |
| (B) | b | d | a | c |
| (C) | d | c | b | a |
| (D) | c | b | d | a |

51. Blenderised feeding should provide _____ g of proteins.

- (A) 25
- (B) 50
- (C) 75
- (D) 100

52. Renal failure is evaluated using the

- (A) creatinine clearance rate
- (B) ratio of urea to creatinine
- (C) glomerular filtration rate
- (D) serum creatinine levels

53. Match the clinical symptoms with the condition :

Clinical Symptom	Condition
i) Yellow discolouration	a) Acute renal failure
ii) Obstruction of hepatic and portal veins	b) Influenza
iii) Uraemia	c) Ascites
iv) High fever, cough and throat pain	d) Obstructive jaundice

Codes :

- | | | | | |
|-----|----------|-----------|------------|-----------|
| | i | ii | iii | iv |
| (A) | d | c | a | b |
| (B) | a | c | b | d |
| (C) | c | d | b | a |
| (D) | d | a | c | b |

54. Which of the following is a dental soft diet ?

- (A) Mashed banana
- (B) Porridge
- (C) Potato chips
- (D) Double boiled rice

55. The calorie requirements for a total parenteral feeding is

- (A) 100%
- (B) 125%
- (C) 150%
- (D) 200%

56. Which of the statements are true or false ?

Statement – i : Establishing a cordial and congenial atmosphere is necessary to boost production and friction in industry.

Statement – ii : Skilled workers must be paid according to their performance and workers must also get adequate share out of the gains on the capital.

Codes :

- (A) Statement **i** is true
- (B) Statement **ii** is true
- (C) Statement **i** and **ii** are true
- (D) Statement **i** and **ii** are false

57. The substances used in the preparation of foods to enhance the natural flavours or impart a special taste are called as

- (A) Food adjunct's
- (B) Shortening agents
- (C) Leavening agents
- (D) Firming agents

58. A simple technique for recording and analysing the breakdown of a job is

- (A) operation chart
- (B) process chart
- (C) micromotion study
- (D) chronocycle graph

59. Which of the statements is/are true or false ?

Statement i : Beating, scolding, abusing and using barbane may create indiscipline.

Statement ii : Destitute and emotionally neglected child need not be placed in an institution.

Codes :

- (A) **i** is true
- (B) Both **i, ii** are true
- (C) **ii** is true
- (D) **i, ii** are false

60. An estimate of future needs, arranged according to an orderly basis, covering some or all of the activities for a finite period of time is called as

- (A) Planning
- (B) Saving
- (C) Budgetting
- (D) Forecasting



61. State which is/are true

- i) Management is a group effort
- ii) Management is not essential at every stage of family life cycle
- iii) Management is an invisible force towards efficiency
- iv) Management is not a universally adopted procedure

Codes :

- (A) i, iii, iv (B) i, iii
- (C) iii, iv (D) ii, iv

62. A good homemaker should have qualities like

- i) Intelligence
- ii) Work inefficiency
- iii) Self control
- iv) Spend money recklessly

Codes :

- (A) i, ii (B) i, ii, iii
- (C) i, iii (D) iii, iv

63. State which is/are true

- i) The period of establishment happens in the beginning family stage
- ii) Vocational adjustment of children happens in the expanding family stage
- iii) School and college stage happens in the expanding family stage
- iv) Retirement happens in the contracting family stage

Codes :

- (A) i, iii, iv
- (B) i, ii, iii, iv
- (C) i, ii
- (D) iii, iv

64. Match the resources with examples :

Resources	Examples
i) Human	a) Material goods
ii) Non human	b) knowledge
	c) Attitude
	d) Community facilities

Codes :

- a b c d**
- (A) i, ii, i, ii
- (B) ii, i, i, ii
- (C) i, i, ii, ii
- (D) ii, ii, i, i

65. State which is/are true factors affecting family resources are

- i) Family life cycle
- ii) Size and composition of the family
- iii) Community facilities
- iv) Time and energy

Codes :

- (A) i, ii, iii, iv
- (B) i, iii
- (C) iii, iv
- (D) i, ii



66. State which of the statements is/are true

- i) The communication process involves communicator, message, channels and receivers.
- ii) Barriers to communication are environmental stress, subjective stress, defensiveness and fear.
- iii) Essential factors for communication are informing, evaluation, directing influencing, teaching and orientation.
- iv) The functions of communication are clarity, information, completeness and consistency.

Codes :

- (A) All the above statements are true
- (B) Statements i and ii are true
- (C) Statements i, ii and iii are true
- (D) Statements iii and iv are true

67. Match the food products with adulterants

Food Products	Adulterant
i) Pepper	a) Mashed potato
ii) Turmeric powder	b) Tamarind seed powder
iii) Tea powder	c) Metanil yellow
iv) Dalda	d) Papaya seeds

Codes :

- | | i | ii | iii | iv |
|-----|----------|-----------|------------|-----------|
| (A) | a | c | b | d |
| (B) | c | b | a | d |
| (C) | d | c | b | a |
| (D) | a | b | d | c |

68. The managerial responsibilities in family living are centered around

- i) Setting family goals
- ii) Establishing satisfactory relationships
- iii) Development abilities and skills
- iv) Planning the use of time and energy

Codes :

- (A) i, ii
- (B) i, ii, iii
- (C) iii, iv
- (D) i, ii, iii, iv

69. In the family life cycle the demands on time are heavy during :

- (A) Beginning family
- (B) Expanding family
- (C) Contracting family
- (D) At marriage

70. Mundel's classes of change include

- i) Changes in hand and body motions
- ii) Change in work and storage space and equipment
- iii) Change in the product
- iv) Change in learning and doing

Codes :

- (A) i, ii, iii, iv
- (B) i, ii, iii
- (C) iii, iv
- (D) i, ii



71. Work can be simplified through

- i) motions in working
- ii) sequence of work
- iii) skill in work
- iv) posture in work

Codes :

- (A) i, ii, iii, iv
- (B) i, ii,
- (C) iii, iv
- (D) i, ii, iv

72. The head quarters of FAO is located at

- (A) Canada
- (B) Geneva
- (C) California
- (D) Rome

73. The water requirement per day for an adult is

- (A) 500 ml
- (B) 700 ml
- (C) 900 ml
- (D) 1000 ml

74. Match the following :

- | | |
|-----------------|---|
| i) Communicator | a) The receiver or destination of message |
| ii) Message | b) Way in which messages are delivered |
| iii) Channels | c) Meanings sent to the receiver |
| iv) Audience | d) Sender or source of message |

Codes :

- | | | | | |
|-----|----------|-----------|------------|-----------|
| | i | ii | iii | iv |
| (A) | c | b | d | a |
| (B) | b | c | a | d |
| (C) | d | c | b | a |
| (D) | a | b | c | d |

75. Between conception and birth, the period of first four weeks is called as

- (A) Embryonic stage
- (B) Germinal period
- (C) Fetal period
- (D) Gestational period



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