

Test Paper : III  
Test Subject : HOME SCIENCE  
Test Subject Code : K-3017

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 : \_\_\_\_\_

**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**

1. ಈ ಪುಟದ ಮೇಲ್ಭಾಗದಲ್ಲಿ ಒದಗಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ನಿಮ್ಮ ರೋಲ್ ನಂಬರನ್ನು ಬರೆಯಿರಿ.
2. ಈ ಪತ್ರಿಕೆಯು ಬಹು ಆಯ್ಕೆ ವಿಧದ ಎಪ್ಪತ್ತೈದು ಪ್ರಶ್ನೆಗಳನ್ನು ಒಳಗೊಂಡಿದೆ.
3. ಪರೀಕ್ಷೆಯ ಪ್ರಾರಂಭದಲ್ಲಿ ಪ್ರಶ್ನೆಪುಸ್ತಕವನ್ನು ನಿಮಗೆ ನೀಡಲಾಗುವುದು. ಮೊದಲ 5 ನಿಮಿಷಗಳಲ್ಲಿ ನೀವು ಪುಸ್ತಕವನ್ನು ತೆರೆಯಲು ಮತ್ತು ಕೆಳಗಿನಂತೆ ಕಡ್ಡಾಯವಾಗಿ ಪರಿಶೀಲಿಸಿ ಕೋರಲಾಗಿದೆ.  
(i) ಪ್ರಶ್ನೆ ಪುಸ್ತಕಕ್ಕೆ ಪ್ರವೇಶಾವಕಾಶ ಪಡೆಯಲು, ಈ ಹೊದಿಕೆ ಪುಟದ ಅಂಚಿನ ಮೇಲಿರುವ ಪೇಪರ್ ಸೀಲನ್ನು ಹರಿಯಿರಿ. ಸ್ವಿಚ್ಚರ್ ಸೀಲ್ ಇಲ್ಲದ ಅಥವಾ ತೆರದ ಪುಸ್ತಕವನ್ನು ಸ್ವೀಕರಿಸಬೇಡಿ.  
(ii) ಪುಸ್ತಕಿಯಲ್ಲಿನ ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ ಮತ್ತು ಪುಟಗಳ ಸಂಖ್ಯೆಯನ್ನು ಮುಖಪುಟದ ಮೇಲೆ ಮುದ್ರಿಸಿದ ಮಾಹಿತಿಯೊಂದಿಗೆ ತಾಳೆ ನೋಡಿ. ಪುಟಗಳು/ಪ್ರಶ್ನೆಗಳು ಕಾಣೆಯಾದ, ಅಥವಾ ದ್ವಿಪ್ರತಿ ಅಥವಾ ಅನುಕ್ರಮವಾಗಿಲ್ಲದ ಅಥವಾ ಇತರ ಯಾವುದೇ ವ್ಯತ್ಯಾಸದ ದೋಷಪೂರಿತ ಪುಸ್ತಕವನ್ನು ಕೂಡಲೆ 5 ನಿಮಿಷದ ಅವಧಿ ಒಳಗೆ, ಸಂವೀಕ್ಷಕರಿಂದ ಸರಿ ಇರುವ ಪುಸ್ತಕಕ್ಕೆ ಬದಲಾಯಿಸಿಕೊಳ್ಳಬೇಕು. ಆ ಬಳಿಕ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯನ್ನು ಬದಲಾಯಿಸಲಾಗುವುದಿಲ್ಲ, ಯಾವುದೇ ಹೆಚ್ಚು ಸಮಯವನ್ನೂ ಕೊಡಲಾಗುವುದಿಲ್ಲ.
4. ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಗೂ (A), (B), (C) ಮತ್ತು (D) ಎಂದು ಗುರುತಿಸಿದ ನಾಲ್ಕು ಪರ್ಯಾಯ ಉತ್ತರಗಳಿವೆ. ನೀವು ಪ್ರಶ್ನೆಯ ಎದುರು ಸರಿಯಾದ ಉತ್ತರದ ಮೇಲೆ, ಕೆಳಗೆ ಕಾಣಿಸಿದಂತೆ ಅಂಡಾಕೃತಿಯನ್ನು ಕವಚಿಸಬೇಕು.  
ಉದಾಹರಣೆ :  (A)  (B)  (C)  (D)  
(C) ಸರಿಯಾದ ಉತ್ತರವಾಗಿದ್ದಾಗ.
5. ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಗಳನ್ನು, ಪತ್ರಿಕೆ III ಪುಸ್ತಕಿಯೊಳಗೆ ಕೊಟ್ಟಿರುವ OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮಾತ್ರವೇ ಸೂಚಿಸತಕ್ಕದ್ದು. OMR ಹಾಳೆಯಲ್ಲಿನ ಅಂಡಾಕೃತಿ ಹೊರತುಪಡಿಸಿ ಬೇರೆ ಯಾವುದೇ ಸ್ಥಳದಲ್ಲಿ ಗುರುತಿಸಿದರೆ, ಅದರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲಾಗುವುದಿಲ್ಲ.
6. OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಕೊಟ್ಟ ಸೂಚನೆಗಳನ್ನು ಜಾಗರೂಕತೆಯಿಂದ ಓದಿ.
7. ಎಲ್ಲಾ ಕರಡು ಕೆಲಸವನ್ನು ಪುಸ್ತಕಿಯ ಕೊನೆಯಲ್ಲಿ ಮಾಡತಕ್ಕದ್ದು.
8. ನಿಮ್ಮ ಗುರುತನ್ನು ಬಹಿರಂಗಪಡಿಸಬಹುದಾದ ನಿಮ್ಮ ಹೆಸರು ಅಥವಾ ಯಾವುದೇ ಚಿಹ್ನೆಯನ್ನು, ಸಂಗತವಾದ ಸ್ಥಳ ಹೊರತು ಪಡಿಸಿ, OMR ಉತ್ತರ ಹಾಳೆಯ ಯಾವುದೇ ಭಾಗದಲ್ಲಿ ಬರೆಯಬಾರದು, ನೀವು ಅನರ್ಹತೆಗೆ ಬಾಧ್ಯರಾಗಿರುತ್ತೀರಿ.
9. ಪರೀಕ್ಷೆಯು ಮುಗಿದನಂತರ, ಕಡ್ಡಾಯವಾಗಿ OMR ಉತ್ತರ ಹಾಳೆಯನ್ನು ಸಂವೀಕ್ಷಕರಿಗೆ ನೀವು ಹಿಂತಿರುಗಿಸಬೇಕು ಮತ್ತು ಪರೀಕ್ಷಾ ಕೊಠಡಿಯ ಹೊರಗೆ OMR ನ್ನು ನಿಮ್ಮೊಂದಿಗೆ ಕೊಂಡೊಯ್ಯಕೂಡದು.
10. ಪರೀಕ್ಷೆಯ ನಂತರ, ಪರೀಕ್ಷಾ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯನ್ನು ಮತ್ತು ನಕಲು OMR ಉತ್ತರ ಹಾಳೆಯನ್ನು ನಿಮ್ಮೊಂದಿಗೆ ತೆಗೆದುಕೊಂಡು ಹೋಗಬಹುದು.
11. ನೀಲಿ/ಕಪ್ಪು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ ಮಾತ್ರವೇ ಉಪಯೋಗಿಸಿ.
12. ಕ್ಯಾಲ್ಕುಲೇಟರ್, ವಿದ್ಯುನ್ಮಾನ ಉಪಕರಣ ಅಥವಾ ಲಾಗ್ ಟೇಬಲ್ ಇತ್ಯಾದಿಯು ಉಪಯೋಗವನ್ನು ನಿಷೇಧಿಸಲಾಗಿದೆ.
13. ಸರಿ ಅಲ್ಲದ ಉತ್ತರಗಳಿಗೆ ಋಣ ಅಂಕ ಇರುವುದಿಲ್ಲ.
14. ಕನ್ನಡ ಮತ್ತು ಇಂಗ್ಲೀಷ್ ಆವೃತ್ತಿಗಳ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಗಳಲ್ಲಿ ಯಾವುದೇ ರೀತಿಯ ವ್ಯತ್ಯಾಸಗಳು ಕಂಡುಬಂದಲ್ಲಿ, ಇಂಗ್ಲೀಷ್ ಆವೃತ್ತಿಗಳಲ್ಲಿರುವುದೇ ಅಂತಿಮವೆಂದು ಪರಿಗಣಿಸಬೇಕು.

**Instructions for the Candidates**

1. Write your roll number in the space provided on the top of this page.
2. This paper consists of seventy five multiple-choice type of questions.
3. 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 :  
(i) To have access to the Question Booklet, tear off the paper seal on the edge of the cover page. Do not accept a booklet without sticker seal or open booklet.  
(ii) 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.
4. Each item has four alternative responses marked (A), (B), (C) and (D). You have to darken the circle as indicated below on the correct response against each item.  
Example :  (A)  (B)  (C)  (D)  
where (C) is the correct response.
5. 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 circles in OMR Sheet, it will not be evaluated.
6. Read the instructions given in OMR carefully.
7. Rough Work is to be done in the end of this booklet.
8. 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.
9. 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.
10. You can take away question booklet and carbon copy of OMR Answer Sheet after the examination.
11. Use only Blue/Black Ball point pen.
12. Use of any calculator, Electronic gadgets or log table etc., is prohibited.
13. There is no negative marks for incorrect answers.
14. In case of any discrepancy found in the Kannada translation of a question booklet the question in English version shall be taken as final.



**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. Severe carbohydrate restriction in the diet of diabetic's is not recommended as it can cause
- (A) steatorrhoea
  - (B) glycosuria
  - (C) ketosis
  - (D) constipation
2. **Assertion (A) :** Work simplification is the simplest, easiest and quickest method of completing a task.
- Reason (R) :** This technique helps in accomplishing a task with minimum energy input.
- Codes :**
- (A) Both (A) and (R) are wrong
  - (B) (A) is correct, (R) is wrong
  - (C) Both (A) and (R) are correct
  - (D) (A) is wrong, (R) is correct
3. A child who must modify an old idea in order to incorporate a new experience is using the process of
- (A) Assimilation
  - (B) Accommodation
  - (C) Cognitive equilibrium
  - (D) Guided participation
4. By a series of chemical steps beginning with such raw materials as coal, petroleum or such cereal by-products as oat hulls or corncobs, two chemicals called hexamethylene diamine and adipic acid are made, which is combined to form
- (A) Nylon salt
  - (B) Polyester filament
  - (C) Rayon cut fibers
  - (D) Viscose yarns
5. Give the right sequence of the family life cycle.
- i. Beginning family
  - ii. Contracting family
  - iii. Family with adolescents
  - iv. Expanding family
- Codes :**
- |     |    |     |     |    |
|-----|----|-----|-----|----|
| (A) | i  | iv  | iii | ii |
| (B) | i  | ii  | iii | iv |
| (C) | ii | i   | iii | iv |
| (D) | iv | iii | ii  | i  |



6. Considerations for selecting teaching tools in Home Science are

- i. Personality and skills of extension workers.
- ii. Length of time of the programme.
- iii. General local conditions.
- iv. Financial and other resources.

**Codes :**

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

7. IMR refers to the number of deaths below \_\_\_\_\_ year of age per 1000 live births.

- (A) Three
- (B) Four
- (C) Two
- (D) One

8. Meal planning is essential for

- i. planning of food budget.
- ii. nutritional adequacy.
- iii. variety in diet.
- iv. efficient utilization of resources.

**Codes :**

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

9. **Assertion (A)** : The two essential stages in the application of reactive dyes are

- a. diffusion of dye into the cellulose fibre and
- b. reaction between dye and cellulose.

**Reason (R)** : The former is controlled by varying the dyeing time, the dye bath temperature and the salt concentration and the latter is achieved by the selection of an appropriate alkalinity (pH).

**Codes :**

- (A) Both (A) and (R) are true, but (R) is not the correct explanation of (A)
- (B) Both (A) and (R) are true, but (R) is the correct explanation of (A)
- (C) (A) is true but (R) is false
- (D) (A) is false but (R) is true

10. Budget is a plan for

- i. Income
- ii. Expenditure
- iii. Savings
- iv. Investment

**Codes :**

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

11. Process of teaching Home Science education involves

- i. Attention and desire
- ii. Action
- iii. Satisfaction
- iv. Conviction

**Codes :**

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



12. Match the following :

**List – I**

- i. Maillard reaction
- ii. Pasteurization
- iii. Ohmic heating
- iv. Denaturation

**List – II**

- a. Heating of milk at 62.8°C for 30 min
- b. Changes in properties of protein
- c. Reactions between sugars and amines
- d. Method of heating food

**Codes :**

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

13. **Assertion (A)** : Soya products are promoted as anti-cancer foods.

**Reason (R)** : Soya beans are rich sources of daidzein and genistein.

**Codes :**

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

14. Piaget described the stage of thinking that emerges during adolescence as the

- (A) sensorimotor stage
- (B) formal operational stage
- (C) pre-operational stage
- (D) concrete operational stage

15. The forces of attraction between disperse dye and polyester fibers is known as

- (A) Dye fixation force
- (B) Vander Wall's force
- (C) Dipole – Dipole force
- (D) Ion – Dipole force

16. Developing skills in performing a task is a means of

- (A) Work simplification
- (B) Supplementing income
- (C) Hobby
- (D) Personal achievement

17. Self employment and entrepreneurship empowers a woman to develop herself in

- i. better management of resources
- ii. better communication
- iii. better decision making
- iv. better planning, organising, implementing, monitoring and evaluating

**Codes :**

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



18. **Assertion (A)** : Sugar in addition to sweetening affects the smoothness of the resulting ice-cream.

**Reason (R)** : Sugar lowers the freezing point of the ice-cream mix and prevents it from freezing.

**Codes :**

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

19. Write the correct sequence in planning.

- i. Identify the problem.
- ii. Thinking through the alternatives.
- iii. Selecting an alternative.
- iv. Seeking alternative solutions.
- v. Accepting responsibility for the action.

**Codes :**

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

20. Freud is to oral as Erikson is to

- (A) Trust Vs Mistrust
- (B) Autonomy Vs Shame and doubt
- (C) Initiate Vs Guilt
- (D) Industry Vs Inferiority

21. Which one of the following pairs is not correctly matched ?

- (A) A starchless finish given to cotton and rayon gray goods to increase tensile strength, luster and to reduce shrinkage – – – – Ankord
- (B) A starchless finish given to cotton that imparts crispness and luster – – – – Sheercroft
- (C) A starchless finish that gives permanent crispness to medium weight as well as to sheer cotton – – – – Trubenizing
- (D) Process that imparts permanent crispness and abrasion resistance to fabric – – – – Kandarized

22. Which of the following statements is correct ?

- (A) Fatigue is the time consumed in finishing a task
- (B) Fatigue is the feeling of tiredness due to exertion
- (C) Fatigue shows the efficiency of work
- (D) Fatigue refers to the poor quality of work

23. Purposes of adult education are

- i. Remedial education
- ii. Continuous education
- iii. Vocational education
- iv. Education for personal worth and social responsibility

**Codes :**

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



**24. Assertion (A) :** Protein malnutrition influences Vitamin A metabolism.  
**Reason (R) :** It facilitates intestinal absorption of Vitamin A, conversion of  $\beta$ -carotene to Vitamin A and affects hepatic storage.

**Codes :**

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

**25. Match the following :**

**List – I**

**List – II**

- |                         |                                     |
|-------------------------|-------------------------------------|
| i. Conscious decision   | a. menu for breakfast               |
| ii. Group decision      | b. medical emergency                |
| iii. Immediate decision | c. going on a family holiday        |
| iv. Routine decision    | d. selecting a course for education |

**Codes :**

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

**26. Dysgraphia, Dyscalculia and Dyspraxia are types of**

- (A) ADHD
- (B) Learning disability
- (C) Autism
- (D) Cerebral Palsy

**27. Arrange the step in pull through strategies of marketing system.**

- i. Testing product acceptability
- ii. Marketing and promotion
- iii. Analyzing customer's needs
- iv. Developing products consistent with those needs

**Codes :**

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

**28. Insurance is a protection against**

- (A) Inflation
- (B) Disease
- (C) Risk
- (D) Unemployment



29. Match the adopter categories in extension education with their characteristic :

**List – I**

**List – II**

- |                     |                                                   |
|---------------------|---------------------------------------------------|
| i. Innovator        | a. Last to adopt an innovation                    |
| ii. Early adopter   | b. Adopt new ideas just after the average person  |
| iii. Early majority | c. Adopt new ideas just before the average person |
| iv. Late majority   | d. Have the greatest degree of opinion leadership |
| v. Laggards         | e. Are venturesome and eager to try new ideas     |

**Codes :**

	<b>i</b>	<b>ii</b>	<b>iii</b>	<b>iv</b>	<b>v</b>
(A)	b	c	a	d	e
(B)	e	d	c	b	a
(C)	a	b	c	d	e
(D)	c	a	b	d	e

30. Identify the non-fermented milk products.

- (A) whey protein concentrate, evaporated milk, skimmed milk and khoa
- (B) whey protein concentrate, evaporated milk, cheese and butter
- (C) skimmed milk, khoa, curd and evaporated milk
- (D) evaporated milk, cheese, khoa and curd

31. Which of the following is a measure to reduce labour turnover ?

- i. Good pay
- ii. Favourable conditions of work
- iii. Taking care of people through Employee Welfare Schemes
- iv. Right person for the right job

**Codes :**

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

32. Vygotsky’s theory has been criticised for

- (A) failing to recognise how much children can learn when encouraged
- (B) neglecting the biological processes
- (C) overlooking how people learn from each other
- (D) Ignoring the dynamic interaction that occurs between people



33. Match the following List – I and List – II :

List – I	List – II
i. MIL – STD – 105 D/105 E	a. American Society for Testing and Material
ii. AATCC	b. Statistical Quality Control/ Acceptance Sampling
iii. SQC	c. American Association of Textile Chemists and Colorists
iv. ANSI/ASQ. Z1.4-1993	d. Federal Military Standards
v. ASTM	e. Commercial Standard

**Codes :**

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

34. Consumer Protection Laws are

- i. for drugs and cosmetics
- ii. for food products
- iii. for all commodities
- iv. for every product that consumers use

**Codes :**

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

35. STEP is a program for

- (A) Support to Training and Employment for Women
- (B) Sustenance to Training and Empowerment for Women
- (C) Support for Training and Education for Women
- (D) Social Trade and Economic Programme for Women

36. Which of the following statement is true ?

- (A) Sugar binds moisture making it unavailable to the micro-organisms
- (B) Irradiation and canning do not destroy micro-organisms
- (C) Enzymic activity causes off flavours in unblanched frozen vegetables
- (D) Spices and condiments do not possess bacteriostatic effect

37. **Assertion (A)** : Gall stones are composed of cholesterol, some bile pigments, calcium carbonate or phosphate.

**Reason (R)** : Reduced meal frequency and prolonged overnight fasting are associated with higher rates of gall stone formation as fasting increases the chances of saturated bile reaching the gall bladder.

**Codes :**

- (A) (A) is true, but (R) is false
- (B) Both (A) and (R) are true, but (R) is not the correct explanation of (A)
- (C) (A) is false, but (R) is true
- (D) Both (A) and (R) are false





38. The right sequence of subgroups of cognitive domain is

- (A) Knowledge, comprehension, application, synthesis, analysis, evaluation
- (B) Knowledge, comprehension, application, evaluation, analysis, synthesis
- (C) Knowledge, comprehension, evaluation, application, analysis, synthesis
- (D) Knowledge, comprehension, application, analysis, synthesis, evaluation

39. Match the following List I and List II :

List – I	List – II
i. Mal Mal	a. Muslin
ii. Garad Silk	b. Tassar silk
iii. Tangail	c. Bengali cotton
iv. Bandha	d. Orissa
v. Mayan	e. Lahore silkwool shawl

Codes :

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

40. Match the functions of communication with their characteristics :

List – I	List – II
a. Interaction function	i. folk media, electronic and print media
b. Education function	ii. ideas, feelings, situations in touching ways
c. Emotional function	iii. Cognitive, affective, psychomotor objectives
d. Entertainment function	iv. Interpersonal bonding, group co-operation

Codes :

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

41. **Assertion (A)** : The participatory process in development communication involves the dynamic interaction between ‘grass-root’ receivers.

**Reason (R)** : Participatory communication is to involve the people themselves in the design of media.

Codes :

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



42. Identify the sequence of utilization of fuel substrates during starvation.
- (A) Glycogen, Muscle protein, Lipids
  - (B) Glycogen, Lipids, Muscle protein
  - (C) Lipids, Muscle protein, Glycogen
  - (D) Muscle protein, Lipids, Glycogen

43. Read the following statements and choose the correct option :

**Statement – 1 :** The standardised recipes are among the most valuable possessions of a well run food establishment.

**Statement – 2 :** A recipe is standardised by carefully adjusting ingredients and their proportions to produce products of acceptable quality and in amounts sufficient for the desired number of portions of specified size.

- (A) Statement 1 and 2 are true
  - (B) Statement 1 and 2 are false
  - (C) Statement 1 is true and 2 is false
  - (D) Statement 1 is false and 2 is true
44. Children raised in a family environment with a high level of discord and social dysfunction are typically at a significantly greater risk of experiencing
- (A) Receptive language disorders
  - (B) Autistic spectrum disorders
  - (C) Expressive language disorders
  - (D) Anxiety disorders
45. The most attracted and transformed Indian motif, which is celebrated as the enduring design that decorated the large wall and bed hanging in the eighteenth century is \_\_\_\_\_. It is also an unique amalgam of Indian, European and Chinese influences motif.
- (A) Vyala or gali      (B) Mehrab
  - (C) A leafy bed      (D) The tree of life

46. Arrange the phases of Human Resource Planning.
- i. Demand forecasting
  - ii. Current manpower inventory
  - iii. Training and development
  - iv. Employment plan

**Codes :**

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

47. Match the following :

**List – I**

**List – II**

- i. Diabetes      a. Intestine
- ii. Nephritis      b. Kidney
- iii. Cholelithiasis      c. Pancreas
- iv. Celiac disease      d. Gall bladder

**Codes :**

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

48. Match the following :

**List – I**

**List – II**

- i. Hospital      a. Table service
- ii. Cafeteria      b. Counter service
- iii. Hotel      c. Pantry service
- iv. Hostel      d. Banquet
- v. Railways      e. Centralised

**Codes :**

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



49. Match the stages of moral development :

**List – I**

i. First stage

ii. Second stage

iii. Third stage

**List – II**

a. Ethical ideas are controlled by convention and law and order

b. Emphasis is on human dignity lasts all through adulthood

c. Has little time moral feeling. Behaviour is dominated by selfishness and indifference to superior authority

**Codes :**

(A) i – a, ii – b, iii – c

(B) i – b, ii – c, iii – a

(C) i – c, ii – a, iii – b

(D) i – b, ii – a, iii – c

50. Which of the following statements should be kept in mind while, planning a demonstration to impart sewing knowledge ?

- i. Think of the ways to make the students learn and practise.
- ii. Have a wide low height table.
- iii. Make the students stand close from where they can visualize properly.
- iv. Practise well and know how to handle the equipments smoothly.
- v. Collect the required equipment and materials at the cheapest rates from the local suppliers irrespective of the quality.
- vi. Demand for assistant even if the number of students is small.

**Codes :**

(A) i v vi

(B) vi v i iv

(C) i ii iii vi

(D) i iii iv

51. Match the type of work with energy required for women :

**List – I**

a. Light work

b. Moderate work

c. Heavy work

d. Strenuous work

**List – II**

i. 225 cal/hr.

ii. 100 cal/hr.

iii. 125 cal/hr.

iv. 200 cal/hr.

**Codes :**

(A) a – i, b – ii, c – iii, d – iv

(B) a – iv, b – iii, c – ii, d – i

(C) a – ii, b – iii, c – iv, d – i

(D) a – iii, b – iv, c – i, d – ii

52. Extension programme planning

- i. Has performance with flexibility.
- ii. Has a definite plan of work.
- iii. Is a continuous process.
- iv. Provides for evaluation of results.

**Codes :**

(A) ii iii

(B) i ii iii

(C) i ii iii iv

(D) i ii

53. Diabetic neuropathy caused by diabetes affects

- (A) Eyesight, legs and feet and digestive tract
- (B) Eyesight, kidneys and digestive tract
- (C) Kidneys, liver and digestive tract
- (D) Eyesight, kidneys and heart

54. Which of the following is the service, which is extremely formal and calls for perfect etiquette at the table ?

- (A) Banquet service
- (B) Restaurant service
- (C) Room service
- (D) Self service



55. Match the following :

**List – I**

1. Lispings

2. Slurring

3. Stuttering

4. Stammering

**List – II**

a. Can articulate but may be unable to enunciate the first consonant of a word.

b. Difficult to sound certain letters.

c. Gasps, hesitates, may or may not be able to produce sound.

d. Running words together like in the form of mumbling jargon

**Codes :**

(A) 1 – b, 2 – d, 3 – a, 4 – c

(B) 1 – b, 2 – c, 3 – d, 4 – a

(C) 1 – d, 2 – c, 3 – b, 4 – a

(D) 1 – a, 2 – b, 3 – c, 4 – d

56. Pick the statements which are true.

- i. Consumer behaviour is not relevant to fashion understanding of the dynamics of popular culture.
- ii. Consumer behaviour is the study of the processes involved when individual or groups select, purchase, use or dispose of products, services, ideas, wants and wishes.
- iii. The internet is transforming the way consumers interact with companies and with each other.
- iv. Consumer behaviour in fashion includes designer, bridge, better, moderate and budget prices.

**Codes :**

(A) i iii

(B) ii iii

(C) i iv

(D) i iii iv

57. Factors to be considered while purchasing household equipment are

- i. Cost
- ii. Utility
- iii. Operation
- iv. Maintenance

**Codes :**

(A) i ii

(B) i ii iii iv

(C) iii iv

(D) i ii iii

58. The sequence of steps in extension teaching to create effective learning are

- i. Attention
- ii. Interest
- iii. Desire
- iv. Conviction
- v. Action
- vi. Satisfaction

**Codes :**

(A) ii i iv iii v vi

(B) i ii iii iv v vi

(C) i iii ii iv vi v

(D) ii iii i v iv vi

59. **Assertion (A)** : E. Coli is part of the normal flora of the human GI tract.

**Reason (R)** : Foods which are highly contaminated or inadequately preserved facilitate growth of such bacteria.

**Codes :**

(A) Both (A) and (R) are correct and (R) is the correct explanation of (A)

(B) Both (A) and (R) are correct, but (R) is not the correct explanation of (A)

(C) (A) is correct and (R) is wrong

(D) (A) is wrong and (R) is correct



60. Arrange the steps involved in budget making.

- i. balancing expected income and expenditure.
- ii. estimate total expected income.
- iii. estimate cost of desired items.
- iv. list commodities.

**Codes :**

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

61. A child who has been diagnosed with an absence seizure disorder is most likely to experience

- (A) Permanent neurological impairment
- (B) Brief interruption in awareness
- (C) Delays in motor skill development
- (D) Episodes of aggressive behaviour

62. Pick the correct sequence for the activities and steps involved in fashion acceptance process.

- i. Laggards
- ii. Early acceptors
- iii. Early majority
- iv. Innovators
- v. Late majority

**Codes :**

- |     |     |     |     |    |     |
|-----|-----|-----|-----|----|-----|
| (A) | i   | iii | iv  | v  | ii  |
| (B) | ii  | iv  | v   | i  | iii |
| (C) | iii | v   | i   | iv | ii  |
| (D) | iv  | ii  | iii | v  | i   |

63. Match the food with its adulterant :

**List – I**

- i. Chilli powder
- ii. Turmeric powder
- iii. Salt
- iv. Coffee powder

**List – II**

- a. metanil yellow
- b. chalk powder
- c. brick powder
- d. date seed powder

**Codes :**

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

64. Match the methods of teaching Home Science with examples :

**List – I**

- i. Telling
- ii. Doing
- iii. Showing
- iv. Experiencing

**List – II**

- a. Field trips, transect walk
- b. Motion pictures, exhibition
- c. Demonstration, work shop
- d. Lecture, radio talk

**Codes :**

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

65. Nutritional status of an individual can be assessed by

- (A) anthropometric measures
- (B) clinical methods
- (C) anthropometry, dietary and clinical methods
- (D) dietary and clinical methods



66. Identify the correct sequence of managerial functions listed below.

- a. reporting
- b. staffing
- c. planning
- d. organising
- e. co-ordinating
- f. budgeting
- g. directing

**Codes :**

- (A) c, d, b, f, g, a, e
- (B) c, d, b, g, e, a, f
- (C) f, c, b, d, a, e, g
- (D) g, f, c, d, b, a, e

67. **Assertion (A)** : Home is a source of early childhood development.

**Reason (R)** : Home is a source of early childhood stimulation.

**Codes :**

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

68. Wound care absorbent pad are general produced with

- (A) Non woven cotton; viscose
- (B) Braided polyester; carbon
- (C) Non woven low density polyethylene
- (D) Braided monofilament of collagen/ polylactide

69. Which of the following is wrongly matched ?

- (A) Skill – human resource
- (B) Education – goal
- (C) Love – value
- (D) Money – ability

70. **Assertion (A)** : Use of audio-visual aids in Home Science education helps learners to learn faster and more and remember for a longer period of time.

**Reason (R)** : Audio-visual aids are lively, create and maintain interest and motivate the students.

**Codes :**

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

71. Which of the following statement is incorrect ?

- (A) Maternal health is influenced by genetic, social and economic factors
- (B) The nutritional link between the mother and the child continues even after birth
- (C) A pregnant woman must not eat papaya
- (D) GDM is a high risk pregnancy



72. Brain plasticity refers to
- (A) Loss of connective fibres
  - (B) Nerve cells ability to transmit information faster
  - (C) The capacity of the nervous system to change its structure
  - (D) The brain establishing neural pathways

73. Which of the following statements describe "Thermal Bonding" ?
- i. Thermal bonding can use three types of fibrous raw material.
  - ii. Thermal bonding needs much heat when compared to the heat required to evaporate water from the binder use during chemical bonding.
  - iii. Thermal bonding is used with all methods of bath production except the wet-laid method.
  - iv. The fabric produced with thermal bonding all over the balt is too soft and non textile like for many uses.
  - v. Thermal bonding can be done with or without pressure, or even with very high pressure.

**Codes :**

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

74. Factors affecting communication in a family are

- i. Communication skill
- ii. Attitude
- iii. Relationship with the family members
- iv. Knowledge level

**Codes :**

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

75. Self help groups

- (A) Are well established politically affiliated groups
- (B) Are needed for the protection of a community
- (C) Are run by people for their own benefit
- (D) Exist to improve welfare for others.



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Space for Rough Work

Paper III

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K-3017