

Test Paper : II

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 : II

Subject : HOME SCIENCE

Time : 1 Hour 15 Minutes

Maximum Marks : 100

Number of Pages in this Booklet : 8

Number of Questions in this Booklet : 50

ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು

1. ಈ ಪುಟದ ಮೇಲ್ಭಾಗದಲ್ಲಿ ಒದಗಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ನಿಮ್ಮ ರೋಲ್ ನಂಬರನ್ನು ಬರೆಯಿರಿ.
2. ಈ ಪತ್ರಿಕೆಯು ಬಹು ಆಯ್ಕೆ ವಿಧದ ಐವತ್ತು ಪ್ರಶ್ನೆಗಳನ್ನು ಒಳಗೊಂಡಿದೆ.
3. ಪರೀಕ್ಷೆಯ ಪ್ರಾರಂಭದಲ್ಲಿ ಪ್ರಶ್ನೆಪುಸ್ತಕವನ್ನು ನಿಮಗನಿಡಲಾಗುವುದು. ಮೊದಲ 5 ನಿಮಿಷಗಳಲ್ಲಿ ನೀವು ಪುಸ್ತಕವನ್ನು ತೆರೆಯಲು ಮತ್ತು ಕೆಳಗಿನಂತೆ ಕಡ್ಡಾಯವಾಗಿ ಪರೀಕ್ಷಿಸಲು ಕೋರಲಾಗಿದೆ.
(i) ಪ್ರಶ್ನೆ ಪುಸ್ತಕಕ್ಕೆ ಪ್ರವೇಶಾಪಕಾರ ಪಡೆಯಲು, ಈ ಹೊದಿಕೆ ಪುಟದ ಅಂಚಿನ ಮೇಲಿರುವ ಪೇಪರ್ ಸೀಲನ್ನು ಹರಿಯಿರಿ. ಸ್ವಿಚ್ ಸೀಲ್ ಇಲ್ಲದ ಅಥವಾ ತೆರದ ಪುಸ್ತಕವನ್ನು ಸ್ವೀಕರಿಸಬೇಡಿ.
(ii) ಪುಸ್ತಕಿಯಲ್ಲಿನ ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ ಮತ್ತು ಪುಟಗಳ ಸಂಖ್ಯೆಯನ್ನು ಮುಖಪುಟದ ಮೇಲೆ ಮುದ್ರಿಸಿದ ಮಾಹಿತಿಯೊಂದಿಗೆ ತಾಳೆ ನೋಡಿರಿ. ಪುಟಗಳು/ಪ್ರಶ್ನೆಗಳು ಕಾಣೆಯಾದ, ಅಥವಾ ದ್ವಿಪ್ರತಿ ಅಥವಾ ಅನುಕ್ರಮವಾಗಿಲ್ಲದ ಅಥವಾ ಇತರ ಯಾವುದೇ ವ್ಯತ್ಯಾಸದ ದೋಷಪೂರಿತ ಪುಸ್ತಕಿಯನ್ನು ಕೂಡಲೆ 5 ನಿಮಿಷದ ಅವಧಿ ಒಳಗೆ, ಸಂವೀಕ್ಷಕರಿಂದ ಸರಿ ಇರುವ ಪುಸ್ತಕಿಗೆ 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 ಕವಾಚಿಸಬೇಕು.
ಉದಾಹರಣೆ:

A	B	C	D
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(C) ಸರಿಯಾದ ಉತ್ತರವಾಗಿದ್ದಾಗ.
5. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ I ರಲ್ಲಿ ಕೊಟ್ಟಿರುವ OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ, ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ I ಮತ್ತು ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ II ರಲ್ಲಿ ಇರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ ನಿಮ್ಮ ಉತ್ತರಗಳನ್ನು ಸೂಚಿಸತಕ್ಕದ್ದು OMR ಹಾಳೆಯಲ್ಲಿ ಅಂಡಾಕೃತಿಯಲ್ಲದೆ ಬೇರೆ ಯಾವುದೇ ಸ್ಥಳದಲ್ಲಿ ಉತ್ತರವನ್ನು ಗುರುತಿಸಿದರೆ, ಅದರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲಾಗುವುದಿಲ್ಲ.
6. OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಕೊಟ್ಟ ಸೂಚನೆಗಳನ್ನು ಜಾಗರೂಕತೆಯಿಂದ ಓದಿರಿ.
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 ಬರೆದರೆ, 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 ಉಪಯೋಗಿಸಿರಿ.
12. ಕ್ಯಾಲ್ಕುಲೇಟರ್, ವಿದ್ಯುನ್ಮಾನ ಉಪಕರಣ ಅಥವಾ ಲಾಗ್ ಟೇಬಲ್ ಇತ್ಯಾದಿಯ ಉಪಯೋಗವನ್ನು ನಿಷೇಧಿಸಲಾಗಿದೆ.
13. ಸರಿ ಅಲ್ಲದ ಉತ್ತರಗಳಿಗೆ ಋಣ ಅಂಕ ಇರುವುದಿಲ್ಲ.
14. ಕನ್ನಡ ಮತ್ತು ಇಂಗ್ಲೀಷ್ ಆವೃತ್ತಿಗಳ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಗಳಲ್ಲಿ ಯಾವುದೇ ರೀತಿಯ ವ್ಯತ್ಯಾಸಗಳ 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 fifty 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
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where (C) is the correct response.
5. Your responses to the questions are to be indicated in the OMR Sheet kept inside the Paper I Booklet only. If you mark at any place other than in the circles in the 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.

K-3017

1

ಪು.ತಿ.ನೋ./P.T.O.

**HOME SCIENCE**
Paper – II

Note : This paper contains **fifty (50)** objective type questions. **Each** question carries **two (2)** marks. **All** questions are **compulsory**.

1. Which Vitamin does not have high risk of toxicity ?
(A) Vitamin B₆ (B) Thiamine
(C) Niacin (D) Vitamin C
2. The lipo protein most associated with a high risk of heart disease is
(A) CHD (B) HDL
(C) LDL (D) VLDL
3. TAT involves
(A) Abstract paintings
(B) Dots
(C) Circles
(D) Actual scenes
4. The rise in rape cases can be attributed to
 - i. changed infrastructure of life
 - ii. repression
 - iii. attractive life-style
 - iv. provocation**Codes :**
(A) i, ii, iii, iv (B) i, ii, iii
(C) i, ii (D) i, iv
5. Work simplification implies the use of
(A) least time (B) least effort
(C) least energy (D) all of these
6. Descriptive statistics are concerned with
(A) presentation, organization and summarizing of data
(B) generalizing from the sample data to a larger group of subjects
(C) outcomes of interest which should change in response to intervention
(D) what is being manipulated
7. People with Phenylketonuria must avoid
(A) sorbitol
(B) aspartame
(C) xylitol
(D) saccharin
8. The kitchen that is step saving is
(A) L-shaped kitchen
(B) U-shaped kitchen
(C) Parallel kitchen
(D) Straight line kitchen
9. Proteins are biopolymers composed of
(A) small peptides
(B) amino acids
(C) imino acids
(D) amino acids and peptones



10. Match the following :

- | List – I | List – II |
|-------------------|---|
| 1. Random factor | a. contains all levels of the factor of interest in the design |
| 2. Fixed factor | b. each variable occurs at only one level of the other variable |
| 3. Crossed factor | c. contains only a sample of the possible levels of the factor and the intent to generalise to all other levels |
| 4. Nested factor | d. each level of one factor occurs at all levels of the other factor |

Codes:

- | | 1 | 2 | 3 | 4 |
|-----|----------|----------|----------|----------|
| (A) | a | c | d | b |
| (B) | c | a | d | b |
| (C) | b | c | d | a |
| (D) | a | b | c | d |

11. Growth refers to

- (A) improvement in the functioning of the body processes
- (B) continuous unending process all through life
- (C) increase in height, size, weight
- (D) a process that cannot be measured directly

12. Food product can be evaluated using

- (A) Rating scales
- (B) Score sheets
- (C) Both (A) and (B)
- (D) None of these

13. Match and choose the characteristic of physically challenged children:

- | List – I
(Condition) | List – II
(Characteristics) |
|---------------------------------|--|
| 1. Cerebral palsy | a. dysfunction of electrical impulse to the brain |
| 2. Epilepsy | b. paralysis of one or more portions of the cerebrum |
| 3. Spina bifida | c. paralysis of extremes of the body |
| 4. Polio | d. paralysis of lower limbs |

Codes:

- | | 1 | 2 | 3 | 4 |
|-----|----------|----------|----------|----------|
| (A) | d | c | b | a |
| (B) | c | d | a | b |
| (C) | b | a | d | c |
| (D) | c | b | d | a |

14. Non-structured questionnaire often known as interview guide is used for _____ interviews.

- (A) focussed
- (B) depth
- (C) non-directive
- (D) all

15. Culture medias are sterilized by

- (A) autoclaving
- (B) blanching
- (C) sterilizer
- (D) heating



16. Sources of secondary data are

- i. Journals, reports
- ii. Government and private publications
- iii. Trade
- iv. Professional bodies

Codes:

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

17. Analyze the statements and choose the correct option.

Statement (i) : Early impoverishment of environment can lead to retardation of a child.

Statement (ii) : Inherent defects cannot be overcome.

Codes :

- (A) Both the statements are true
(B) Both the statements are false
(C) Statement (i) is true and (ii) is false
(D) Statement (ii) is true and (i) is false

18. Glycosuria refers to

- (A) Glycogen in the urine
(B) Glycine in the urine
(C) Glucose in urine and blood
(D) Glucose in urine

19. Sample size and sample design should be determined before

- (A) topic selection
(B) data collection
(C) finalizing the result
(D) statistical analysis

20. If the buyer agrees to take the supplies at a price established in the future, the contract is said to be

- (A) SAP
(B) FAOP
(C) Whole sale buying
(D) Loyalty to customers

21. Short lived fashion is called as

- (A) Style (B) Time lines
(C) Acceptance (D) Fad

22. Control over people can be organised in many ways such as

- i. Schedules, checkbooks
- ii. Rules, contracts
- iii. Supervision
- iv. Log books

Codes :

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

23. Protein present in wool is

- (A) Fibroin (B) Sericin
(C) Keratin (D) Gum

24. Match the following aids with the techniques of communication :

List – I	List – II
Aid	Technique
i. Radio	a. Audio-visual aid
ii. Pictures	b. Projected aid
iii. Television	c. Visual aid
iv. Slide projector	d. Audio aid

Codes :

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



25. Factors affecting family resources are
- Family life cycle and socio-economic status
 - Attitude towards life
 - Occupation and family income
 - Size and composition of the family

Codes :

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

26. Crepe yarns are produced from

- (A) Fancy yarns
(B) No-twist yarns
(C) Highly twisted yarns
(D) Laminated yarn

27. Identify the proper sequence of communication.

- (A) Source → Message → Channel → Receiver
(B) Source → Channel → Message → Receiver
(C) Message → Source → Channel → Receiver
(D) Message → Channel → Source → Receiver

28. Principles of Home Management include/includes :

- Fulfillment of needs of the family members
- Keep a balance between family income and expenditure
- To perform household work effectively
- Psychological satisfaction

Codes :

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

29. Shears is a type of

- (A) Needle (B) Blade
(C) Scissor (D) Tape

30. The causes of discipline problems found in the nature of school organization are

- unsympathetic staff
- no curricular activities
- heavy assignments
- inadequate facilities

Codes :

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

31. The curd produced from soya bean is

- (A) Tempeh (B) Miso
(C) Natto (D) Tofu

32. Equipment used to measure fibre length is

- (A) Comb sorter
(B) Uster evenness tester
(C) Drape meter
(D) Electronic balance

33. Mass approach for publicity can be done through

- personal letters, discussions and workshops
- demonstrations, tours and films
- films, printed material and radio
- television, exhibitions and films

Codes :

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



34. Match the following signs with activities in the pen-pencil technique:

List – I

List – II

- a. o i. delays in the working pattern
b. O ii. inspection for quality and quantity delay
c. □ iii. movement of hands while standing
d. ▽ iv. movement from one place to another

Codes:

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

35. Contractile proteins of muscle include

- (A) Actin and collagen
(B) Actin and elastin
(C) Actin and myosin
(D) Myosin and collagen

36. Which of the following toxins of food causes cirrhosis of liver ?

- (A) Aflatoxins (B) Saponin
(C) Enterotoxin (D) Patulin

37. Which fibre is naturally fire proof ?

- (A) Olefin
(B) Polyethylene
(C) Asbestos
(D) Glass

38. To comprehend the relationship between people and communication, following types of behaviour are important.

- (A) individual and inter-personal behaviour
(B) individual and organisational behaviour
(C) interpersonal and organisational behaviour
(D) individual, inter-personal and organisational behaviour

39. Thermal manikins are complex instrument for measurement of

- (A) Heat loss due to conduction
(B) Thermal transmission behaviour of clothing
(C) Radiation
(D) All

40. The characteristics of decision-making are

- i. decision making is a mental process
ii. decision making is a non-stop and ever-going process
iii. decision making involves certain commitments or goals
iv. decisions involve rationality

Codes :

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



41. The pattern and organisation of the curriculum will primarily determine
- efficacy of instruction
 - objectives
 - social cultural relevance
 - needs of community

Codes :

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

42. The type of cycle menu which begins on the same day is

- (A) random cycle menu
(B) break cycle menu
(C) typical cycle menu
(D) menu cycle

43. Nylon fibre dissolves in

- (A) sulphuric acid
(B) acetic acid
(C) phenol
(D) hydrogen peroxide

44. Water containing less than 4° of hardness is called as

- (A) hard water (B) soft water
(C) neutral water (D) deionised water

45. The sequential order of extension education process is

- i. objectives ii. teaching
iii. situation iv. evaluation

Codes :

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

46. Filament fibres are long continuous strands of fibre measured in metres and they are

- (A) silk (B) nylon
(C) polyester (D) all

47. Measures to relieve or avoid fatigue

- i. have rest periods
ii. proper body posture and position
iii. develop working skills
iv. create interest in the job

Codes :

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

48. The clothing used for sportswear should maintain

- i. shape retention
ii. wrinkle resistance
iii. less seam puckering
iv. design flexibility

Codes :

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

49. What is 3 P's disease ?

- (A) Peptic ulcer (B) Diabetes
(C) CVD (D) HIV

50. An outline of activities of situation, objectives, problems and solution is

- (A) Calender of work
(B) Action of work
(C) Plan of work
(D) Frequency of work



Total Number of Pages : 8

ಚಿತ್ತು ಬರಹಕ್ಕಾಗಿ ಸ್ಥಳ
Space for Rough Work