

Test Paper : II
Test Subject : HOME SCIENCE
Test Subject Code : K-3014

Test Booklet Serial No. : _____

OMR Sheet No. : _____

Roll No.

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(Figures as per admission card)

Name & Signature of Invigilator/s

Signature: _____

Signature: _____

Name : _____

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

- ಈ ಪುಟದ ಮೇಲ್ಭಾಗದಲ್ಲಿ ಒದಗಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ನಿಮ್ಮ ರೋಲ್ ನಂಬರನ್ನು ಬರೆಯಿರಿ.
- ಈ ಪತ್ರಿಕೆಯು ಬಹು ಆಯ್ಕೆ ವಿಧದ ಐವತ್ತು ಪ್ರಶ್ನೆಗಳನ್ನು ಒಳಗೊಂಡಿದೆ.
- ಪರೀಕ್ಷೆಯ ಪ್ರಾರಂಭದಲ್ಲಿ ಪ್ರಶ್ನೆಪುಸ್ತಕವನ್ನು ನಿಮಗೇ ನೀಡಲಾಗುವುದು. ಮೊದಲ 5 ನಿಮಿಷಗಳಲ್ಲಿ ನೀವು ಪುಸ್ತಕವನ್ನು ತೆರೆಯಲು ಮತ್ತು ಕೆಳಗಿನಂತೆ ಕಡ್ಡಾಯವಾಗಿ ಪರೀಕ್ಷಿಸಲು ಕೋರಲಾಗಿದೆ.
(i) ಪ್ರಶ್ನೆಪುಸ್ತಕದ ಪ್ರವೇಶಾವಕಾಶ ಪಡೆಯಲು, ಈ ಹೊದಿಕೆ ಪುಟದ ಅಂಚಿನ ಮೇಲಿರುವ ಪೇಪರ್ ಸೀಲನ್ನು ಹರಿಯಿರಿ. ಸ್ಕ್ರಾಪ್ ಸೀಲ್ ಇಲ್ಲದ ಪ್ರಶ್ನೆಪುಸ್ತಕ ಸ್ವೀಕರಿಸಬೇಡಿ. ತೆರೆದ ಪುಸ್ತಕವನ್ನು ಸ್ವೀಕರಿಸಬೇಡಿ.
(ii) ಪುಸ್ತಕಿಯಲ್ಲಿನ ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ ಮತ್ತು ಪುಟಗಳ ಸಂಖ್ಯೆಯನ್ನು ಮುಖಪುಟದ ಮೇಲೆ ಮುದ್ರಿಸಿದ ಮಾಹಿತಿಯೊಂದಿಗೆ ತಾಳಿ ನೋಡಿರಿ. ಪುಟಗಳು/ಪ್ರಶ್ನೆಗಳು ಕಾಣೆಯಾದ, ಅಥವಾ ದ್ವಿಪ್ರತಿ ಅಥವಾ ಅನುಕ್ರಮವಾಗಿಲ್ಲದ ಅಥವಾ ಇತರ ಯಾವುದೇ ವ್ಯತ್ಯಾಸದ ದೋಷಪೂರಿತ ಪುಸ್ತಕವನ್ನು ಕೂಡಲೇ ನಿಮಿಷದ ಅವಧಿ ಒಳಗೆ, ಸಂವೀಕ್ಷಕರಿಂದ 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.
- ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ I ರಲ್ಲಿ ಕೊಟ್ಟಿರುವ OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ, ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ II ಮತ್ತು ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ III ರಲ್ಲಿ ಇರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ ನಿಮ್ಮ ಉತ್ತರಗಳನ್ನು ಸೂಚಿಸತಕ್ಕದ್ದು OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಅಂಡಾಕೃತಿಯಲ್ಲದೆ ಬೇರೆ ಯಾವುದೇ ಸ್ಥಳದಲ್ಲಿ ಉತ್ತರವನ್ನು ಗುರುತಿಸಿದರೆ, ಅದರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲಾಗುವುದಿಲ್ಲ.
- OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಕೊಟ್ಟ ಸೂಚನೆಗಳನ್ನು ಜಾಗರೂಕತೆಯಿಂದ ಓದಿರಿ.
- ಎಲ್ಲಾ ಕೆರೆಡು ಕೆಲಸವನ್ನು ಪುಸ್ತಕಿಯ ಕೊನೆಯಲ್ಲಿ ಮಾಡತಕ್ಕದ್ದು.
- ನಿಮ್ಮ ಗುರುತನ್ನು ಬಹಿರಂಗಪಡಿಸಬಹುದಾದ ನಿಮ್ಮ ಹೆಸರು ಅಥವಾ ಯಾವುದೇ ಚಿಹ್ನೆಯನ್ನು ಸಂಗತವಾದ ಸ್ಥಳ ಹೊರತು ಪಡಿಸಿ, OMR ಉತ್ತರ ಹಾಳೆಯ ಯಾವುದೇ ಭಾಗದಲ್ಲಿ ಬರೆದರೆ, ನೀವು ಅನರ್ಹತೆಗೆ ಬಾಧ್ಯರಾಗಿರುತ್ತೀರಿ.
- ಪರೀಕ್ಷೆಯು ಮುಗಿದನಂತರ, ಕಡ್ಡಾಯವಾಗಿ OMR ಉತ್ತರ ಹಾಳೆಯನ್ನು ಸಂವೀಕ್ಷಕರಿಗೆ ನೀವು ಹಿಂತಿರುಗಿಸಬೇಕು ಮತ್ತು ಪರೀಕ್ಷಾ ಕೋಶದ ಹೊರಗೆ OMR ನ್ನು ನಿಮ್ಮೊಂದಿಗೆ ಕೊಂಡೊಯ್ಯಿ 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 fifty 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 :
(i) 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.
(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.**
- 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 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 ovals in the 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 – II**

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

1. The pigment present in tomato is

- (A) B. carotene
- (B) Polyphenol
- (C) Lycopene
- (D) Anthocyanin

2. Which of the following can meet our need for Vitamin E ?

- (A) Sodium
- (B) Sulphur
- (C) Silver
- (D) Selenium

3. Who among the following proposed that cognitive development passes through discrete stages and that these are discontinuous ?

- (A) Piaget
- (B) Frobel
- (C) Montessori
- (D) Erikson

4. The cause of Phobia could be

- (A) Social
- (B) Emotional
- (C) Classical conditioning
- (D) Cognitive

5. Peak loads are periods where activities are concentrated

- (A) More in certain periods of time
- (B) Less in certain periods of time
- (C) More always
- (D) Less always

6. The formula for applying the χ^2 test is

- (A) $\chi^2 = \sum \frac{(O - E)^2}{E}$
- (B) $\chi^2 = \sum \frac{(O - E / -5)^2}{E}$
- (C) $\chi^2 = \sum \frac{E}{(O - E)^2}$
- (D) $\chi^2 = \sum \frac{E}{(O - E / -5)^2}$

7. Which of the following fibre relieves constipation ?

- (A) Glycogen
- (B) Crude fibre
- (C) Soluble fibre
- (D) Insoluble fibre

8. What is the order of functions of management ?

- i) Directing
- ii) Controlling
- iii) Organising
- iv) Evaluating
- v) Planning

Codes :

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

9. The most devastating long-term effect of alcohol abuse is

- (A) During pregnancy
- (B) Suicides
- (C) Malnutrition
- (D) Cirrhosis



10. Which method/methods is not a field research ?

- i) Analysis of documents
- ii) Mass observation
- iii) Group interview
- iv) Small group study of random behaviour/role analysis
- v) Mail questionnaire

Codes :

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

11. A test that presents an ambiguous stimulus to which the individual may respond as he wishes.

- (A) Painting and drawing
- (B) Projective technique
- (C) Ink-blot test
- (D) Draw a man test

12. Which of the statement is incorrect ?

- (A) Soups, salads, desserts should be held in preheated bain maries
- (B) Soups, curries should be held in preheated bain maries
- (C) The neams must be held at 3°C in refrigerated case
- (D) Salads, desserts must be held in freezing equipment at 10°C

13. According to Kubler Ross, what stages do terminally ill persons pass through when confronting their own death ?

- i) Denial anger
- ii) Bargaining
- iii) Depression
- iv) Acceptance

Codes :

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

14. Match the following :

Variable Characteristic

- | | |
|---------------|--|
| i) Nominal | a) Consists of ordered categories, where the differences between categories cannot be considered equal |
| ii) Ordinal | b) Consists of named categories with no implied order among the categories |
| iii) Interval | c) Has equal intervals between values and a meaningful zero point |
| iv) Ratio | d) Equal distances between values, but the zero point is arbitrary |

Codes :

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

15. Fishiness in milk is caused by

- (A) Aeromonas hydrophila
- (B) Pseudomonas fluorescences
- (C) Flavo bacterium
- (D) Moroxella pura haemolytieus

16. Variables are characteristics of conditions that are _____ by the experimenter.

- (A) Manipulated
- (B) Controlled
- (C) Observed
- (D) All of the above



17. Which of the following is/are true ?

- i) The suggestibility of a child is greater than that of the adult.
- ii) The suggestibility of an individual decreases with an increase in his maturity.
- iii) Temperament, intellectual ability, emotional excitement, ignorance, inhibition fatigue are some of the internal conditions of suggestibility.
- iv) External conditions of suggestibility include group situation, prestige of the suggested and public opinion.

Codes :

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

18. Skeletal fluorosis is due to

- (A) Excess of calcium and fluorine
- (B) Excess of fluorine
- (C) Lack of fluorine and calcium
- (D) Lack of calcium, magnesium and fluorine

19. Multistage sampling is a further development of

- (A) Random sampling
- (B) Cluster sampling
- (C) Stratified sampling
- (D) Non-stratified sampling

20. Which of the following is an extremely formal service and calls for perfect etiquette at the table ?

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

21. The adolescents primary requirement for clothing is

- (A) Social acceptance
- (B) Sense of security
- (C) Self esteem
- (D) Good grooming

22. Match the following :

- i) Planning a) Design and delegate tasks
- ii) Organising b) Hire personnel
- iii) Staffing c) Take corrective action
- iv) Controlling d) Set objectives

Codes :

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

23. Which of the following is/are true ?

- i) Asbestos occurs as veins or strips in rocks.
- ii) Bamboo is a regenerated cellulose fibre.
- iii) Glass fabrics cannot withstand bending.
- iv) Sericulture is the term used for cultivation of silk.

Codes :

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



24. Communication skills, attitude, knowledge, social system and culture should be present in
- (A) Source and message
 - (B) Message and channel
 - (C) Channel and receiver
 - (D) Source and receiver

25. Which of the following is/are true ?
- i) Knowledge is a human resource.
 - ii) Material goals are non-human resources.
 - iii) Interest and attitude are non-human resources.
 - iv) Money is a human resource.

Codes :

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

26. Match the following :

- i) Kasuti a) Tamil Nadu
- ii) Phulkari b) Orrisa
- iii) Ikat c) Punjab
- iv) Chungudi d) Karnataka

Codes :

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

27. In a mass media channel
- (A) Direction of message flow is one-way
 - (B) Amount of feed back is high
 - (C) Speed to reach large audience is slow
 - (D) Ability to select receiver is high

28. Which of the following is/are true ?
- i) Family goals help direct and control the desires of the members.
 - ii) Clearly defined goals encourage the wise use of family resources.
 - iii) Short term goals are used as a means of achieving other goals.
 - iv) A goal is one towards which the individual or family will work to achieve.

Codes :

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

29. Evaluation of garment fit and comfort in a garment is determined by
- (A) Physical testing
 - (B) Wear trials
 - (C) Mechanical properties
 - (D) Garment pressure

30. The learner learns in an informal education by
- i) Attitude
 - ii) Good – listening
 - iii) Observation
 - iv) Eagerness

Codes :

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

31. The process of removal of fat from meat is referred as
- (A) Refining (B) Rendering
 - (C) Pressing (D) Degumming



32. Which of the following is/are true ?

- i) Rice starch is used to provide great stiffness to the apparel.
- ii) Hydrogen peroxide is a safe oxidising bleaching agent.
- iii) Soap is derived from the reaction of fat and alkali.
- iv) Ultramarine blue is more commonly used laundry blue.

Codes :

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

33. Extension education is

- (A) Formal education taught according to syllabus, no exam, no degree
- (B) Non-formal education, no definite syllabus, no exam, no degree
- (C) Where individual learns through daily experience, with syllabus and exams
- (D) Institutionalised, chronologically graded, well structured system of education

34. Match the colour with the colours scheme.

Colour **Colour Schemes**

- i) Blue, blue-green, green a) Complementary
- ii) Maroon, red, pink b) Triad
- iii) Red, blue, yellow c) Analogous
- iv) Yellow, purple d) Monochromatic

Codes :

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

35. Repeated heating of oil produces

- (A) Acrolein (B) Acrylic
- (C) Acetic (D) Ascorbic

36. Which of the following is a clear fluid diet ?

- (A) Gruel (B) Poscidge
- (C) Milk (D) Rice water

37. Which of the following is/are true ?

- i) Draping is one of the oldest method of pattern designing.
- ii) Success in deafting depends on the accuracy of the measurement.
- iii) Flat patterns starts with blocks.
- iv) Flat pattern has five basis pattern.

Codes :

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

38. Which of the following is/are true ?

- i) Demonstrations, lectures and conferences are good means of classroom communication.
- ii) Discussions and tours are poor means of classroom communication.

Codes :

- (A) Both i and ii
- (B) Only i
- (C) Only ii
- (D) None of the above

39. Twill weave fabrics made of hard twist yarn are called as

- (A) Drill
- (B) Denim
- (C) Crepe
- (D) Corduroy



40. Match the following principles of design with their characteristics :

Principles	Characteristics
i) Proportion	a) Movement by regular recurrence and periodicity
ii) Emphasis	b) Feeling of rest, equilibrium
iii) Harmony	c) Limit of composition
iv) Balance	d) Focal point
v) Rhythm	e) Relationship of parts of the design to the whole

Codes :

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

41. The word communication is derived from

- (A) Communis (B) Commique
(C) Communal (D) Commune

42. Minimum cutlery is provided in

- (A) Finger buffet (B) Fork buffet
(C) Full buffet (D) Partial buffet

43. Pile construction in household linen improves

- (A) Softness (B) Drapability
(C) Absorbency (D) Strength

44. The degree to which a fibre, yarn or fabric retains its shape and size after wear and maintenance is called as

- (A) Dimensional stability
(B) Good drape
(C) Wrinkle recovery
(D) Shrinkage

45. Match the following methods of communication with examples :

Method	Example
i) Traditional	a) Radio b) Folklore
ii) Modern	c) Television d) Folk music and dance

Codes :

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

46. Vertical lined dress gives a person

- (A) Short height and fat appearance
(B) Feeling of length in a dress
(C) Repose
(D) Sophistication

47. Arrange the steps in decision making in the right order :

- i) Analyse and identify the problem
ii) Selection of the best solution
iii) Search for alternatives
iv) Implementation of decision

Codes :

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

48. Spectrometer is used to test

- (A) Colour strength (B) Dye affinity
(C) Shade variation (D) Dye type

49. Haemodialysis is started when the blood urea rises above _____/dl of blood.

- (A) 150 mg (B) 175 mg
(C) 250 mg (D) 200 mg

50. The objective of the rural development programme is to develop

- (A) People's participation
(B) People's organisation
(C) People's administration
(D) People's leadership



Total Number of Pages : 8

ಚಿತ್ತು ಬರಹಕ್ಕಾಗಿ ಸ್ಥಳ
Space for Rough Work