

Paper – II
Home Science

Booklet Code

A

TEST BOOKLET NO.

Subject Code : **2 0**

Roll No. :

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(Figures as per admission card)

Roll No. (in words) : _____

OMR Sheet No. :

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Name and Signature of Invigilator/s

Signature : _____

Name : _____

Time : 2 Hours

Maximum Marks : 200

Number of Pages in this Booklet : 16

Number of Questions in this Booklet : 100

Instructions for the Candidates

1. Write your roll number in the space provided on the top of this page.
2. This paper consists of hundred (100) multiple-choice type of questions.
3. At the commencement of examination, the test 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 Test 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 Test Booklet will be replaced nor any extra time will be given.**
 - (iii) After the verification is over, the Test Booklet Number should be entered in the OMR Sheet and the OMR Sheet Number should be entered on this Test Booklet.
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 questions are to be indicated in the **OMR Sheet kept inside this Booklet**. If you mark at any place other than in the circles, the OMR Sheet will not be evaluated.
6. Read the instructions given in OMR Sheet carefully. Fill the Booklet Code of Paper – II in OMR Sheet **Compulsorily**.
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 provided for the relevant entries, which may disclose your identity, you will render yourself liable to disqualification.
9. You have to return the 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 test 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 mark for incorrect answer.**

HOME SCIENCE

Paper – II

- | | |
|--|---|
| <p>1. The list of human values was given by whom ?
 (A) Denmann W. Ross
 (B) Ernest Angle
 (C) Parker
 (D) Park and Park</p> <p>2. The specialization of functions of the two hemispheres of the cerebral cortex is called
 (A) Lateralization
 (B) Structuralization
 (C) Functionalism
 (D) Psychological organisation</p> <p>3. Protein urea is a major symptom in the following disease.
 (A) Typhoid
 (B) Renal disease
 (C) Atherosclerosis
 (D) Ulcers</p> <p>4. _____ is an unwanted feeling that others are trying to harm you.
 (A) Phobia
 (B) Trauma
 (C) Paranoia
 (D) Mania</p> <p>5. Which of the following is an Italian designer ?
 (A) Giorgio Armani
 (B) Yves Saint Laurent
 (C) Dior
 (D) Tommy</p> | <p>6. Principle of operation of an electric water heater is by
 (A) Convection
 (B) Radiation
 (C) Conduction
 (D) Induction</p> <p>7. Electromyography is a method used for measuring
 (A) Muscle fatigue
 (B) Electric phenomenon occurring in the muscles
 (C) Electric phenomenon occurring in the bones
 (D) Efficiency of tissues</p> <p>8. International Literacy Day is celebrated on
 (A) 8th September
 (B) 8th October
 (C) 8th November
 (D) 8th August</p> <p>9. In which of the following countries the medium of mass communication controlled by the govt. ?
 i. USSR
 ii. CHINA
 iii. INDIA
 iv. USA
 Codes :
 (A) i, ii, iii, iv
 (B) i, ii, iii
 (C) i, ii
 (D) i, iv</p> |
|--|---|

10. This is not a type of puppetry majorly used in education as folk media.

- (A) Glove Puppet
- (B) Shadow Puppet
- (C) String Puppet
- (D) Finger Puppet

11. Right to Education in India was implemented in the year

- (A) 2007
- (B) 2008
- (C) 2009
- (D) 2010

12. Which of the following is not an element of Art ?

- (A) Line
- (B) Form
- (C) Depth
- (D) Light

13. Which of the following is a theory of clothing ?

- (A) Adornment
- (B) Conformity
- (C) Individuality
- (D) Custom

14. There must be Active play must be alternate with

- (A) Group play
- (B) Quiet play
- (C) Solitary play
- (D) Parallel play

15. GOTS stands for

- (A) Global Ozone Textile Services
- (B) Global Organic Textile Specifications
- (C) Global Organic Textile Standards
- (D) Global Organic Terms and Standards

16. Match the items in List – I with List – II :

List – I

List – II

- | | |
|---------------------------|-------------------------|
| a. Weight | i. Clinical examination |
| b. Eye colour | ii. Bio-chemical |
| c. Hb level | iii. Diet survey |
| d. 24 hour dietary recall | iv. Anthropometry |

Codes :

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

17. Colours which are opposition the colour circle comes under _____ scheme.

- (A) Double Complementary
- (B) Split Complementary
- (C) Single Complementary
- (D) Triad Colour

18. Assertion (A) : Milk is a complete food for infants.

Reason (R) : Weaning should be started only after 8 months.

Codes :

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

19. Assertion (A) : Transition means adjustment to new values, expectations, interests and new set of behaviour.

Reason (R) : In transition period always physical intellectual and emotional changes take place.

Codes :

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

20. Assertion (A) : Audio visual aids are not the best teaching aid.

Reason (R) : In reality there is no best teaching aid. It all depends upon the situation on which the aids are used.

Codes :

- (A) Both (A) and (R) are not correct
- (B) (A) is correct, but (R) is not correct
- (C) (A) is not correct, but (R) is correct
- (D) Both (A) and (R) are correct

21. The study of interaction between people and machines is called as

- (A) Ecology
- (B) Engineering
- (C) Autonomous
- (D) Ergonomics

22. Identify the term related to flower arrangement

- (A) Feng Shui
- (B) Ying-Yang
- (C) Ikebana
- (D) Alpana

23. While doing management in Family, wife's employment decision is a

- (A) Cancious decision
- (B) Planned decision
- (C) Central decision
- (D) Individual decision

24. The degree of unsaturation in fats is estimated by which method ?

- (A) Acid value
- (B) Saponification
- (C) Benedict's method
- (D) Iodine value

25. The HBAIC level above which a person is diagnosed as diabetic is

- (A) 6.2% (B) 6.5%
- (C) 6.8% (D) 7.0%

26. Give the correct sequence of removing lipstick stain from fabric.

- Wash in a hot soapy water
- Sponge with a grease solvent
- Bleach the stain
- Rinse in hot water and dry in sun

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

27. How are colours classified, indicate the correct sequence.

- Secondary, primary, intermediate, tertiary, quaternary
- Binary, primary, intermediate, quaternary, tertiary
- Primary, secondary, intermediate, tertiary, quaternary
- Binary, secondary, intermediate, tertiary, quaternary

28. For a successful outcome of the nutrition programme for the community, state the sequential order of steps to be taken

- Implementation
- Mobilising resources
- Monitoring and evaluation
- Prioritising problem
- Identifying target
- Setting objectives

Codes :

- e, d, f, b, a, c
- a, d, e, f, b, c
- d, e, f, a, b, c
- d, f, e, b, c, a

29. **Assertion (A)** : Acute renal failure means kidneys have failed suddenly.

Reason (R) : Various forms or severe blood loss affect kidney functionary.

Codes :

- (A) is false and (R) is true
- Both (A) and (R) are true
- Both (A) and (R) are false
- (A) is true and (R) is false

30. **Assertion (A)** : Home is a place for development of both genders through equal opportunities.

Reason (R) : The personal and professional development of both genders is not possible only at home.

Codes :

- Both (A) and (R) are true
- (A) is false and (R) is true
- (A) is true and (R) is false
- Both (A) and (R) are false

31. Which of the following are non projected visual aids ?

- Charts
- Posters
- Slides
- Graphs

Codes :

- I, II, III
- II, III, IV
- I, III, IV
- I, II, IV

32. Assertion (A) : While removing blood stain heat must be avoided.

Reason (R) : Heat coagulates the protein and fix the stain on the fabric.

Codes :

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

33. Assertion (A) : Women lack economic autonomy and sustainable livelihoods.

Reason (R) : Women's contribution to household and national economy is not measured in quantitative terms and is not appropriately reflected in the national accounts.

Codes :

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

34. Assertion (A) : The larger the sample size, the greater will be power of the test.

Reason (R) : A large sample size results in smaller standard error of mean.

Codes :

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

35. Which are the chemicals used for artificial ripening of fruits ?

- I. Ethephon
- II. Benzene
- III. Methanol
- IV. Calcium Carbide

Codes :

- (A) I and II (B) II and III
- (C) III and IV (D) IV and I

36. Vanaspati is an adulterant in

- (A) Malt
- (B) Haldi
- (C) Ghee and butter
- (D) Saffron

37. Which one of the following is not a defence mechanism of ego ?

- (A) Projection
- (B) Regression
- (C) Rationalisation
- (D) Submission

38. The theory of Language Acquisition by _____ referred the terms surface structure and deep structure.

- (A) Albert Bandura
- (B) Noam Chomsky
- (C) Jane Elliot
- (D) B. F. Skinner

39. Which of the following is not a hand printed technique ?

- (A) Duplex
- (B) Screen
- (C) Block
- (D) Stencil

40. The homogenization of milk is done

- (A) To destroy pathogen
- (B) To disperse fat molecules
- (C) To enhance nutritive quality
- (D) To help making cheese

41. Which of the following aspects are closely related to programme planning ?

- I. Plan of work
- II. Calender of work
- III. Supervision
- IV. Coordination

Codes :

- (A) I and II are correct
- (B) II and III are correct
- (C) III and IV are correct
- (D) I and IV are correct

42. Which of the following foods are rich in omega 3 fatty acids ?

- I. Fruits
- II. Butter
- III. Fatty fish
- IV. Olive oil
- V. Mustard seeds
- VI. Walnuts

Codes :

- (A) I, II, III
- (B) III, V, VI
- (C) V, VI, II
- (D) VI, III, IV

43. Which one among the following is not a principle of textile design ?

- (A) Proportion
- (B) Balance
- (C) Height
- (D) Harmony

44. Test to assess PEM in children in early stages is assessed by _____

- (A) Biochemical tests
- (B) Anthropometry
- (C) Pathological tests
- (D) Sociometry

45. Low sodium diet is recommended in

- I. Acute hepatitis
- II. NIDDM
- III. Dyslipidemia
- IV. CHF
- V. Liver cirrhosis

Codes :

- (A) IV, V
- (B) I, V
- (C) II, IV
- (D) I, III

46. Which Act protects against food adulteration ?

- (A) FPA (B) PFA
- (C) MPCO (D) FPO

47. The conceptual frame work in which a research is conducted is called a

- (A) Synopsis of research
- (B) Research design
- (C) Research hypothesis
- (D) Research paradigm

48. Type 1 error is made when

- (A) True null hypothesis is rejected
- (B) True null hypothesis is accepted
- (C) False null hypothesis is rejected
- (D) False null hypothesis is accepted

49. Which of the following is not a management approach ?

- (A) Classical approach
- (B) System approach
- (C) Human relation
- (D) Double entry system

50. Which one of the following is not an aspect of Cone of experience ?

- (A) Motion pictures
- (B) Study trip
- (C) Demonstrations
- (D) Dance

51. Allicin is a compound found in

- (A) Garlic
- (B) Turmeric
- (C) Cinnamon
- (D) Cloves

52. Care of Elderly includes :

- I. Family relations
- II. Good health
- III. Education
- IV. Vocational pursuits

Codes :

- (A) II and III are correct
- (B) III and IV are correct
- (C) I and III are correct
- (D) I and II are correct

53. Assertion (A) : Mentally challenged people have no right for marriage.

Reason (R) : They are unable to bear and rear children.

Codes :

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

54. Write the correct sequence of early language development stages.

- I. Cooing
- II. Babbling
- III. Crying
- IV. Gestures
- V. Utterance

Codes :

- (A) I, V , III, IV
- (B) IV, III, II, I
- (C) III, I, II, IV
- (D) II, III, IV, V

55. Indicate the correct sequence of activities in the Home Management process.

- (A) Planning, Organization, Feedback, Implementation
- (B) Planning, Organization, Implementation, Feedback
- (C) Planning, Implementation, Organization, Feedback
- (D) Planning, Feedback, Organization, Implementation

56. One of the motifs used in Bandhani is

- (A) Barfi
- (B) Ladoo-Jalebi
- (C) Vajra
- (D) Gopuram

57. The S.N.F. of standard milk should be as follows

- (A) 8.5% (B) 7.2%
- (C) 6.5% (D) 5.2%

58. The process of converting fiber directly into fabric is

- (A) Weaving
- (B) Knitting
- (C) Spinning
- (D) Felting

59. The I.Q. level of mentally retarded child is

- (A) Above 100 (B) 85 – 100
(C) Below 70 (D) Below 85

60. The woman centre created at the village level under National Mission for empowerment of woman is

- (A) Krishi Vigyan Kendra (KVK)
(B) Poorna Shakti Kendra
(C) Rashtriya Mahila Kendra
(D) Mahila Vigyan

61. **Assertion (A)** : Consumption of plenty of fruit and vegetables protect individuals from degenerative changes in the body.

Reason (R) : The antioxidants present in fruit and vegetables help in the removal of free radicals.

Codes :

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

62. _____ assess the extent to which the instrument measures what it is designed to measure (Robson, 2011).

- (A) Reliability
(B) Standard error
(C) Standard Deviation
(D) Validity

63. Write the sequential order of the stages of family life cycle.

- I. Establishing stage
- II. Shrinking stage
- III. Child rearing stage
- IV. Expanding stage
- V. Empty nest stage

Codes :

- (A) V, I, III, II, IV
(B) I, III, IV, II, V
(C) III, IV, I, V, II
(D) II, V, III, I, IV

64. Arrange the developmental tasks during early childhood period sequentially.

- I. Learning to talk
- II. Bladder control
- III. Learning to walk
- IV. Learning gender difference
- V. Distinguishing right and wrong
- VI. Getting ready to read

Codes :

- (A) II, I, III, VI, IV, V
(B) V, II, III, VI, I, IV
(C) III, I, II, IV, VI, V
(D) I, III, IV, II, V, VI

65. Anthropometric measurements are concerned with structural dimensions which are

- I. Weight
- II. Body position
- III. Height
- IV. Waist circumference
- V. Body posture

Codes :

- (A) I, II, III
- (B) I, II, IV
- (C) I, III, IV
- (D) I, II, V

66. GAMA stands for

- (A) Grievance Against Management Agencies
- (B) Government Authority Misleading Advertisement
- (C) Grievances Applications Management Authority
- (D) Grievances Against Misleading Advertisement

67. _____ thought of entrepreneurship as a process leads of discovery.

- (A) Joseph Schumpeter
- (B) Israel K. Kirzner
- (C) Frank Knight
- (D) Bill Gates

68. Which is not a characteristic of Resources ?

- (A) Resources are unlimited
- (B) Resources are useful
- (C) Resources are limited
- (D) Interrelationship of resource

69. Which of the following is not an Embroidery stitch ?

- (A) Dabka (B) Menthi
- (C) Phanda (D) Murri

70. The principle of management that “union is strength” is also called as

- (A) Scalar chain
- (B) Equity to gain
- (C) Stability of tenure
- (D) Esprit De corps

71. From which plant source gluten is derived ?

- (A) Soya
- (B) Rice
- (C) Corn
- (D) Wheat

72. HDL is synthesized and secreted from

- (A) Pancreas
- (B) Liver
- (C) Kidneys
- (D) Muscles

73. Which of the following holds the bobbin in the sewing machine ?

- (A) Feed dog
- (B) Pressure foot
- (C) Oscillating hook
- (D) Thread take up lever

74. Which of the following does not represent Kasuti Embroidery ?

- (A) Double running stitch
- (B) Chain stitch
- (C) Zig-zag running stitch
- (D) Cross stitch

75. Degree of polymerization for polyester ranges between

- (A) 50 – 70
- (B) 90 – 115
- (C) 115 – 140
- (D) 140 – 165

76. Polishing of wood furniture is not done for

- (A) Lowering the drudgery of cleaning
- (B) Restore its shine
- (C) Highlighting its grains
- (D) Bring out its natural quality

77. Arrange the correct sequence of steps in research :

- I. Review of literature
- II. Objectives
- III. Rationale
- IV. Methodology
- V. Results
- VI. Discussion

Codes :

- (A) II, III, IV, I, VI, V
- (B) III, II, I, IV, VI, V
- (C) I, III, II, IV, V, VI
- (D) II, I, IV, III, V, VI

78. Which one of the following is not a child rearing practice ?

- (A) Feeding
- (B) Weaning
- (C) Bundling
- (D) Disciplining

79. Arrange constituent process of observational learning :

- I. Reinforcement
- II. Retention
- III. Attention
- IV. Reproduction

Codes :

- (A) III, II, IV, I
- (B) IV, III, I, II
- (C) II, I, III, IV
- (D) I, II, III, IV

80. The sequential order of Extension Educational process is

- I. Objectives
- II. Teaching
- III. Situation
- IV. Reconsideration
- V. Evaluation

Codes :

- (A) II, I, III, IV, V (B) III, II, I, V, IV
(C) III, I, II, V, IV (D) I, III, II, IV, V

81. Guidance refers to an advice or a relevant piece of information while counselling refers to

- (A) Suggesting the ways to undergo to reach solution
- (B) Solving the personal problems of an individual by supporting him financially
- (C) Helping an individual to overcome personal and psychological problems
- (D) Becoming personal in advising and helping an individual

82. Any idea, practice or product which an individual perceives to be new, it is

- (A) Adoption
- (B) Innovation
- (C) Compatibility
- (D) Comfortable

83. _____ test assume a normal distribution of value or a bell-shaped curve. For example height from a group of people.

- (A) Distribution free
- (B) Parametric
- (C) Metric
- (D) Non parametric

84. Which of the following are toxic constituents in pulses ?

- I. Trypsin inhibitors
- II. Alkaline phosphates
- III. Hemagglutinins
- IV. Bromaline
- V. Lathyrogens

Codes :

- (A) I, III, V
(B) I, II, IV
(C) II, IV, V
(D) V, I, IV

85. Which one of the following is not a part of element of design ?

- (A) Line (B) Form
- (C) Colour (D) Texture

86. Illusion and Hallucination occur in which of the following disease ?

- (A) Fibromyalgia
- (B) Depression
- (C) Schizophrenia
- (D) Parkinson

87. Epidiascope is also known as
 (A) Overhead projector
 (B) Opaque projector
 (C) Indirect projector
 (D) Slide projector
88. In the process of conducting research formation of hypothesis is followed by
 (A) Statement of objectives
 (B) Analysis of data
 (C) Selection of research tools
 (D) Collection of data
89. In which language the news papers have highest circulation ?
 (A) English (B) Hindi
 (C) Bengali (D) Tamil
90. Which of the following is soluble bluing agent ?
 (A) Ultramarine
 (B) Indigo
 (C) Methylene blue
 (D) Prussian
91. World Consumer Rights Day is observed on which date ?
 (A) 15th of March
 (B) 8th of February
 (C) 10th of December
 (D) 16th of March
92. The branch of cognitive ergonomics deals with which concept given below ?
 (A) Anthropometry
 (B) Bio mechanical characteristics
 (C) Human computer interaction
 (D) Quality management
93. _____ consists of procedures that combine conditioning and modelling to eliminate undesirable behaviors.
 (A) Negative reinforcement
 (B) Social exclusion
 (C) Behaviour modification
 (D) Corporal punishment
94. The _____ approach assumes that by entering into close contact with a social group researchers can understand the beliefs and behaviour better than through interviews or questionnaires.
 (A) Cross sectional
 (B) Ethnographic
 (C) Ecological
 (D) Clinical
95. The approach used in Non Formal Education (NFE) should be
 (A) Teacher oriented
 (B) Fun oriented
 (C) Learner oriented
 (D) Evaluation oriented

96. Assertion (A) : Plisse crepe is a crinkled crepe fabric.

Reason (R) : It is produced by using yarns with different shrinkage properties.

Codes :

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

97. Assertion (A) : The grain in a woven fabric can be identified by the degree of stretch along the yarns.

Reason (R) : Warp yarns stretch more in comparison to weft yarns.

Codes :

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

98. Releasing pent up emotional energy is

- (A) Body control
- (B) Emotional catharsis
- (C) Mental balance
- (D) Emotional security

99. Which one of the following keeps the insect out / away properly from the clothes ?

- (A) News Papers
- (B) Dried Neem Leaves
- (C) Tooth Paste
- (D) Naphthalene Balls

100. _____ is an ironing process adds sheers to the fabric.

- (A) Sheering
- (B) Weighting
- (C) Calendering
- (D) Embossing

Space for Rough Work

