

SET 2016

PAPER – II

HOME SCIENCE

Signature of the Invigilator

Question Booklet No.200176.....

1. OMR Sheet No.

Subject Code 20

ROLL No.

Time Allowed : 75 Minutes

Max. Marks : 100

No. of pages in this Booklet : 12

No. of Questions : 50

INSTRUCTIONS FOR CANDIDATES

1. Write your Roll No. and the OMR Sheet No. in the spaces provided on top of this page.
2. Fill in the necessary information in the spaces provided on the OMR response sheet.
3. This booklet consists of seventy five (50) compulsory questions each carrying 2 marks.
4. Examine the question booklet carefully and tally the number of pages/questions in the booklet with the information printed above. **Do not accept a damaged or open booklet.** Damaged or faulty booklet may be got replaced within the first 5 minutes. Afterwards, neither the Question Booklet will be replaced nor any extra time given.
5. Each Question has four alternative responses marked (A), (B), (C) and (D) in the OMR sheet. You have to completely darken the circle indicating the most appropriate response against each item as in the illustration.



6. All entries in the common OMR response sheet for Papers I and II are to be recorded in the original copy only.
7. Use only Blue/Black Ball point pen.
8. Rough Work is to be done on the blank pages provided at the end of this booklet.
9. If you write your Name, Roll Number, Phone Number or put any mark on any part of the OMR Sheet, except in the spaces allotted for the relevant entries, which may disclose your identity, or use abusive language or employ any other unfair means, you will render yourself liable to disqualification.
10. You have to return the Original OMR Sheet to the invigilators at the end of the examination compulsorily and must not carry it with you outside the Examination Hall. **You are, however, allowed to carry the test booklet and the duplicate copy of OMR Sheet** on conclusion of examination.
11. Use of any calculator, mobile phone or log table etc. is strictly prohibited.
12. **There is no negative marking.**

20-16

SEAL

PAPER-II
HOME SCIENCE

1. A measuring scale system of assigning number symbols to events in order to label them :
(A) Ordinal scale (B) Interval scale
(C) Ratio scale (D) Nominal scale
2. PERT is
(A) Programme Evaluation and Review Technique
(B) Project Evaluation and Review Technique
(C) Programme Evaluation and Research Technique
(D) Project Evaluation and Research Technique
3. Operation within the organization is :
(A) Management system
(B) Micromanagement
(C) Macromanagement
(D) Management by operator
4. The department of women and child development was setup in the year :
(A) 1985 as a separate department
(B) 1975 as a separate department
(C) 1985 as a part of HRD
(D) 1975 as a part of HRD
5. The exosphere is also known as :
(A) Ionosphere (B) Hydrosphere
(C) Lithosphere (D) Biosphere
6. The modern environmental hazard is :
(A) Food contamination with pathogen
(B) Lack of access to safe drinking water
(C) Unequal solid waste disposal
(D) Water pollution from polluted areas and industries
7. The major problem of malnutrition includes :
(A) Marasmus (B) Pellagra
(C) Goiter (D) All the above
8. The direct biodiversity value is :
(A) Aesthetic value
(B) Productive use value
(C) Ethic values
(D) Option value
9. The most important dart used for bust shaping in women's pattern are :
(A) Front shoulder dart
(B) Back shoulder dart
(C) Vertical waist-shaping darts
(D) Front underarms dart
10. The development communication is also known as :
(A) Devcom (B) Developcom
(C) Devcommun (D) Developcommun
11. Which among the following is yarn dyeing :
 - a. Package dyeing
 - b. Top dyeing
 - c. Space dyeing
 - d. Warp beam dyeing
 - e. Stock dyeing
 - f. Skein (hank) dyeing

Code :

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

12. The environment can be experienced in the following ways :

- a. Through time and its movement
- b. Through love and care of people
- c. Through five senses - sight, touch, taste, hearing and smell
- d. Through furniture and furnishing
- e. Through thought, memory and imagination

Code :

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

13. The requirements of an ideal lighting installation are :

- a. Creating sources of light
- b. Elimination of glare
- c. Avoidance of shadows
- d. Circulation of light
- e. Non-production of excessive heat

Code :

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

14. Which among the following are the variables of the motion used for principles of improvement :

- a. Acceleration
- b. Appliances
- c. Cost
- d. Lighting
- e. Direction
- f. Effectiveness

Code :

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

15. Which among the following belonged to programmed decisions :

- a. Problems are unique
- b. Decisions are made by lower level people
- c. Problems are repetitive
- d. Top management is responsible
- e. The condition for decisions are highly certain
- f. Solution are with some habit rule and procedure

Code :

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

16. Which among the following are the types of Rajasthani Ebroidery

- a. Raga
- b. Mochi Bharat
- c. Applique work
- d. Ragini
- e. Neo Embroidery
- f. Hear Bharat

Code :

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

17. The direct benefits from forest include;

- a. Controle climate
- b. Food
- c. Soil improvement
- d. Paper
- e. Rayon
- f. Timber

Code :

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

18. Which agencies are playing an important role in specifying the norms for various effluents

- a. ICDS
- b. ISI
- c. UPSC
- d. WHO
- e. ICMR
- f. USPHS

Code :

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

19. Approaches of Development Communication include:

- a. Extension approach
- b. Integrated approach
- c. Centralised approach
- d. Planned strategy
- e. Interpersonal approach
- f. Mass Media approach

Code :

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

20. The features of Development Communication include:

- a. Behaviour orientation
- b. Deeper understanding
- c. Effective orientation
- d. Cognitive orientation
- e. Individual orientation
- f. National development

Code :

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

21. Match List-I to List-II of research design and its type of study

List-I

List-II

- | | | |
|-------------------------|-------|---|
| a. Sampling design | (i) | Probability sampling design |
| b. Statistical design | (ii) | Advanced decisions about operational procedures |
| c. Observational design | (iii) | Preplanned design analysis |
| d. Operational design | (iv) | Rigid design |
| | (v) | Structured instruments for data collection |

Code :

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

22. Match List-I to List-II

List-I

List-II

- | | | |
|--------------|-------|---|
| a. Policy | (i) | It allows no range of decision making |
| b. Rule | (ii) | The exercise of task |
| c. Law | (iii) | It is a guide for making decision |
| d. Procedure | (iv) | A Working Book |
| | (v) | It is a rigid statement by external authority |
| | (vi) | Steps taken to accomplish a job |

Code :

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

23. Match List-I to List-II about periods of management development

- | List-I | List-II |
|----------------------------|---|
| a. Scientific managed | (i) 1930 - 1950 |
| b. Human relation approach | (ii) 1970 onwards |
| c. Contingency approach | (iii) 1950 - 1960 |
| d. System approach | (iv) 1960 onwards
(v) 1900 - 1930
(vi) up to 19th century |

Code :

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

24. Match List-I to List-II of Community ecology

- | List-I | List-II |
|----------------|---|
| a. Structure | (i) Community consist of different groups of plants and animals |
| b. Dominance | (ii) It is a zone of vegetables |
| c. Diversity | (iii) It has one or more species occurring in large number |
| d. Periodicity | (iv) Natural forest communities posses number of layers
(v) It is the study of various processes
(vi) It is determined by the density, frequency and abundance of species |

Code :

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

25. Match List-I to List-II of types of pleats

- | List-I | List-II |
|--------------------|--|
| a. Inverted pleats | (i) Narrow at the top and widening towards the hem |
| b. Box Pleats | (ii) Two pleats folded in the same direction |
| c. Knife pleats | (iii) Pressed flat and can be stitched down part a way |
| d. Graded Pleats | (iv) Two pleats folded away from each other
(v) Are of same width for full length
(vi) Two pleats folded toward each other |

Code :

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

26. Match List-I to List-II of Principles of development

- | List-I | List-II |
|--|---|
| a. Development involves change | (i) As this twig is bent so the tree is inclined |
| b. Early development is more critical than later | (ii) Creeping, crawling, sewing, riding |
| c. Development is the product of maturation and learning | (iii) Progressive series of orderly coherent change |
| d. Development pattern is predictable | (iv) Problem of poor adjustment
(v) There is a genetic sequence with certain traits appearing at fixed interval
(vi) Successful achievement in an activity is important for child |

Code :

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

27. Match List-I to List-II of characteristics of leaders

List-I	List-II
a. Appearance	(i) Age and training helps in realistic approach
b. Popularity	(ii) Clothes and grooming results in attention
c. Security	(iii) Willingness to make sacrifices
d. Maturity	(iv) Increases respect and esteem in group
	(v) It encourages flexibility and creativity
	(vi) Wins group respect

Code :

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

28. Match List-I to List-II on sampling :

List-I	List-II
a. Non-probability sampling	(i) If the population is not homogeneous group
b. Probability sampling	(ii) Total area of research is too big
c. Systematic sampling	(iii) Every ith item on the list is selected
d. Stratified sampling	(iv) The cluster of study is a geographical subdivision
	(v) Random or chance sampling
	(vi) Purposive or judgemental sampling

Code :

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

29. Match List-I to List-II of various charts :

List-I	List-II
a. Organizational chart	(i) It may depict a series of processes
b. Flow chart	(ii) It illustrates the process which cannot be brought in meeting as it is
c. Tree chart	(iii) A full story depicted may be kept hidden with strips of paper
d. Pictorial chart	(iv) It may depict divisions and subdivisions
	(v) It may depict information in form of pictures and graphs
	(vi) It may depict the structure of any department

Code :

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

30. Match List-I to List-II of communication aids :

List-I	List-II
a. Leaflets	(i) 24-48 pages
b. Pamphlets	(ii) A brief, simple, single, clean and complete information which leads to action
c. Bulletins	(iii) 12-24 pages
d. Circular letters	(iv) Contains points discussed in a meeting
	(v) 4-12 pages
	(vi) Information about the forth coming meeting

Code :

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

31. **Assertion (A)** : Kutch Embroidery is practiced in Karnataka

Reason (R) : Kathiawar Embroidery is the popularity of Rajasthan

Code :

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

32. **Assertion (A)** : A flexibility budget shows expected costs of production at various levels

Reason (R) : Flexibility budget opens opportunities for analysis

Code :

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

33. **Assertion (A)** : Management practice is as old as human civilization

Reason (R) : Human beings are full of organization activities

Code :

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

34. **Assertion (A)** : Organizational objectives gives direction to the activities of the group

Reason (R) : Organizational objectives do not serve as a media by which multiple interests are chanelized

Code :

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

35. **Assertion (A)** : A plan is a predetermined course of action

Reason (R) : It may be tailored or established for future action

Code :

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

36. **Assertion (A)** : Interchange of water between Earth's surface and atmosphere is governed by hydrological cycle

Reason (R) : Hydrological cycle at any time is of no importance in shaping of landscape

Code :

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

37. **Assertion (A)** : Development is a whole, it is an integral, value-added cultural process

Reason (R) : It encompasses the natural environment and social relation, education and well being

Code :

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

38. **Assertion (A)** : The study of child psychology and child development are same

Reason (R) : Child psychology concentrates on psychological phenomena where as child development concentrates on pattern of development of these phenomenon

Code :

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

39. **Assertion (A)** : Theories guide research into areas which might not otherwise attract interest

Reason (R) : Theories are the prospector's map of secret treasures

Code :

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

40. **Assertion (A)** : Formal education teaching is vertical and curriculum centred

Reason (R) : It is conceptual framework and leads to practical work

Code :

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

41. Arrange the following in increasing order according to the amount of water constituent present

- I. Teeth
- II. Blood
- III. Voluntary Muscles
- IV. Bones

Code :

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

42. For making the traditional filtration pitcher arrange the following from top to bottom

- I. Gravel and sand
- II. Clean Muslin cloth
- III. Muslin cloth
- IV. Powdered coal

Code :

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

43. In making of ORS arrange the ingredients in increasing order according to the measurement (weight)

- I. Sodium Bicarbonate
- II. Glucose
- III. Sodium Chloride
- IV. Potassium Chloride

Code :

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

44. For washing and cleaning arrange the steps in order

- I. Steeping
- II. Rinsing
- III. Sorting
- IV. Stiffening and Blueing
- V. Washing

Code :

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

45. Arrange the steps in Decision making process in order

- I. Obtaining information
- II. Identification of Problem
- III. Selecting Best course of action
- IV. Evaluating consequences

Code :

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

46. Arrange the body foundation pattern making in steps

- I. Vertical Guidelines
- II. Rectangular Blocks
- III. Making Darts
- IV. Shaping the side seams
- V. Shaping the bodies
- VI. Horizontal Guidelines

Code :

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

47. Arrange the phases of demonstration programme

- I. Evaluation of demonstration
- II. Analysing the situation
- III. Review of results in new situation
- IV. Deciding on objectives or goals
- V. Demonstration and execution

Code :

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

48. Arrange the elements of Shannon and Weaver's communication model in sequence

- I. Encoder
- II. Decoder
- III. Receiver
- IV. Sender
- V. Channel

Code :

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