

Test Paper : II
Test Subject : HOME SCIENCE
Test Subject Code : K-3016

Test Booklet Serial No. : _____

OMR Sheet No. : _____

Roll No.

(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 : 16

Number of Questions in this Booklet : 50

ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು

1. ಈ ಪುಟದ ಮೇಲ್ಭಾಗದಲ್ಲಿ ಒದಗಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ನಿಮ್ಮ ರೋಲ್ ನಂಬರನ್ನು ಬರೆಯಿರಿ.
2. ಈ ಪತ್ರಿಕೆಯು ಒಂದು ವಿಧದ ಐವತ್ತು ಪ್ರಶ್ನೆಗಳನ್ನು ಒಳಗೊಂಡಿದೆ.
3. ಪರೀಕ್ಷೆಯ ಪ್ರಾರಂಭದಲ್ಲಿ ಪ್ರಶ್ನೆಪುಸ್ತಕವನ್ನು ನಿಮಗ ನೀಡಲಾಗುವುದು. ಮೊದಲ 5 ನಿಮಿಷಗಳಲ್ಲಿ ನೀವು ಪುಸ್ತಕವನ್ನು ತೆರೆಯಲು ಮತ್ತು ಕೆಳಗಿನಂತೆ ಕಡ್ಡಾಯವಾಗಿ ಪರೀಕ್ಷಿಸಲು ಕೋರಲಾಗಿದೆ.
(i) ಪ್ರಶ್ನೆ ಪುಸ್ತಕಕ್ಕೆ ಪ್ರವೇಶಾವಕಾಶ ಪಡೆಯಲು, ಈ ಹೊದಿಕೆ ಪುಟದ ಅಂಚಿನ ಮೇಲಿರುವ ಪೇಪರ್ ಸೀಲನ್ನು ಹರಿಯಿರಿ. ಸ್ವಿಚ್ಚರ್ ಸೀಲ್ ಇಲ್ಲದ ಅಥವಾ ತೆರೆದ ಪುಸ್ತಕವನ್ನು ಸ್ವೀಕರಿಸಬೇಡಿ.
(ii) ಪುಸ್ತಕಿಯಲ್ಲಿನ ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ ಮತ್ತು ಪುಟಗಳ ಸಂಖ್ಯೆಯನ್ನು ಮುಖಪುಟದ ಮೇಲೆ ಮುದ್ರಿಸಿದ ಮಾಹಿತಿಯೊಂದಿಗೆ ತಾಳಿ ನೋಡಿ. ಪುಟಗಳು/ಪ್ರಶ್ನೆಗಳು ಕಾಣೆಯಾದ, ಅಥವಾ ದ್ವಿಪ್ರತಿ ಅಥವಾ ಅನುಕ್ರಮವಾಗಿಲ್ಲದ ಅಥವಾ ಇತರ ಯಾವುದೇ ವ್ಯತ್ಯಾಸದ ದೋಷಪೂರಿತ ಪುಸ್ತಕವನ್ನು ಕೊಡಲೆ 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 ಕಪ್ಪಾಗಿಸಬೇಕು.
ಉದಾಹರಣೆ: (A) (B) (C) (D)
(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)
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.**



HOME SCIENCE Paper – II

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

1. Match the spices given in List – A with their functional role in List – B. Indicate your response using the codes below.

List – A

I) Clove

II) Cumin

III) Fenugreek

IV) Garlic

List – B

a) Digestive stimulant

b) Lowering blood sugar

c) Lowering cholesterol

d) Antioxidant

Codes :

	I	II	III	IV
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(A)	d	a	b	c
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(B)	a	d	b	c
-----	---	---	---	---

(C)	b	c	a	d
-----	---	---	---	---

(D)	c	d	a	b
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2. Arrange the following steps in correct sequence for manufacture of vinegar. Indicate your response using the codes given below.

I) Acetic acid

II) Substrate

III) Vinegar

IV) Ethanol

V) Acetaldehyde

Codes :

(A) V IV III I II

(B) II IV V I III

(C) II V I III IV

(D) IV I III II V

3. Identifying/innovating products and services, mobilizing resources, organising production and marketing them with constant strive for growth and excellence is called

(A) Entrepreneurship

(B) Human resource management

(C) Decision making

(D) Management



4. List the factors that strongly effect the selection of clothing of an office going young adult woman.

- (A) Fashion, Income, Occupation, Climate
- (B) Family size, Standard of living, Nationality, Education
- (C) Education, Fashion, Place of living, Personality
- (D) Fashion, Peer group influence, Climate, Standard of living

5. Which of these statements are not related to Vortex Spinning ?

- I) Vortex principle was developed in the mid-1980s in Russia
- II) The rotor is replaced by a tangential air inlet
- III) A twist is inserted causing the fiber to grasp on to each other
- IV) It is not cost effective
- V) Yarns produced are strong, regular and fine

Codes :

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

6. Greek proportion is considered for

- (A) Space division
- (B) Space equalization
- (C) Balancing space
- (D) Emphasizing space

7. Which of the following is referred to as a chromosomal deformity ?

- (A) ADHD
- (B) Sensory Impairment
- (C) Premature Birth
- (D) Down's Syndrome

8. Transfer of technology to improve the knowledge, attitudes and practice of the needy groups is

- (A) Non formal education
- (B) Informal education
- (C) Extension education
- (D) Formal education



9. Creation of awareness among public regarding a health problem in short time is possible through

- I) Group communication
- II) Mass communication
- III) Electronic media
- IV) Non verbal communication

Choose your response from the following.

Codes :

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

10. Which of the following is not a type of research ?

- (A) Exploratory
- (B) Descriptive
- (C) Analytical
- (D) Media

11. Given below are two statements, one labeled as Assertion (A) and the other as Reason (R).

Assertion (A) : Amylase rich foods are used to increase the energy density of weaning foods.

Reason (R) : Since infants have smaller stomach capacity, pre-digestion of starch lowers viscosity of gruel and helps in ingestion of more nutrients.

In the context of above two statements, which one of the following is correct ?

Codes :

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



12. Match the arbitrary calorie coefficient values or consumption units given in List – A with their respective group in List – B. Indicate your response using the codes below :

List – A	List – B
I) Girls (16 – 18 years)	a) 0.9
II) Adult male (Heavy worker)	b) 1.0
III) Boys (10 – 12 years)	c) 0.8
IV) Adult male (Sedentary worker)	d) 1.6

Codes :

	I	II	III	IV
(A)	b	a	c	d
(B)	c	d	a	b
(C)	d	b	c	a
(D)	a	d	c	b

13. The width of entrance and exits for wheel chair users should be

- (A) 900 mm
- (B) 1000 mm
- (C) 950 mm
- (D) 1050 mm

14. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R).

Assertion (A) : Cartridge pleats are round pleats used as trimming for skirts and dresses.

Reason (R) : Cartridge pleats can be made with any type of woven, knitted or non-woven fabrics.

In the context of the above two statements, which one of the following is correct ?

Codes :

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



15. Give the correct sequence for tatting a single stitch.

- I) Raise the middle finger to tighten the stitch to form the first half of the stitch
- II) Pass the shuttle to left under the ring and push shuttle left until the end forms a clear circle
- III) Hold the shuttle in the right hand and pass the yarn around the fingers of the left hand to form a circle
- IV) Turn the shuttle over the ring thread and under, release the thread and pull tightly
- V) Pass the shuttle to left under the ring thread and then over, pull tightly to form the knot

Codes :

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

16. Who defined work simplification as 'the conscious seeking of the simplest, easiest and quickest method of doing work' ?

- (A) Gilbreth and Gilbreth
- (B) Gross and Crandle
- (C) Nickell and Dorsey
- (D) Seetharam and Pannu

17. Ketogenic diet is given to a child suffering from

- (A) Seizure disorder
- (B) Language disorder
- (C) Psychosomatic disorder
- (D) Emotional disorder

18. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R).

Assertion (A) : Home Science is vocationalised with increased career opportunities in this subject field.

Reason (R) : The five areas in Home Science are applied in nature, have skill base with greater scope for employment, self employment and entrepreneurship.

Codes :

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

19. The approach used in one to one communication

- (A) Instructional approach
- (B) Group approach
- (C) Individual approach
- (D) Mass approach



20. Match the methods of data collection given in List – A with their descriptions given in List – B. Use the codes given below to indicate your responses.

List – A

- I) Personal interview method
- II) Use of schedules
- III) Observation method
- IV) Questionnaire method

List – B

- a) Collection of information by way of investigator’s own observation without interviewing
- b) Investigator personally seeks answers to a set of pre-conceived questions
- c) Collection of data through mailing the questionnaires and requesting to return after completion
- d) The enumerator is appointed and trained to get the relevant answers to the questions

Codes :

	I	II	III	IV
(A)	c	d	b	a
(B)	b	d	a	c
(C)	b	c	a	d
(D)	d	a	b	c

21. A plate of green salad weighing 200 g of vegetables has the following composition – 2.0 g protein, 7.0 g dietary fiber, 2.0 g fat and 12.0 g carbohydrates. What will be the calorie content of salad per 100 g ?

- (A) 54 Kcal
- (B) 44 Kcal
- (C) 37 Kcal
- (D) 74 Kcal

22. Gestational diabetes refers to

- (A) Diabetes occurring due to improper digestion of food
- (B) Onset of diabetes during young age
- (C) Onset of diabetes during pregnancy
- (D) Onset of diabetes in young mothers

23. The food service institution catering to its clientele on ‘no profit and no loss’ basis is called

- (A) Commercial institution
- (B) Welfare institution
- (C) Non commercial institution
- (D) Subsidiary institution



24. Application of warm glycerin followed by washing using suds and hydrosulfite bleach on cotton, linen is very effective for removal of following stain

- (A) Scorch
- (B) Urine
- (C) Mustard
- (D) Mildew

25. Arrange the following steps in correct sequence for manufacturing of Orlon Acrylic

- I) Production of cyano alcohol followed by dehydration to yield acrylonitrile
- II) Ethylene oxide formation
- III) Chlorohydrin resulted by ethylene treatment with hypochlorous
- IV) Polymerization to get polyacrylonitrile resin, followed by dissolving in solvent for spinning

Codes :

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

26. Match the type of saving methods given in List – A with their explanation in List – B. Use the codes below to indicate your response.

List – A

List – B

- | | |
|-----------------------|---|
| I) Savings | a) Paid every month after retirement to a government servant |
| II) Provident fund | b) Document which explains the terms and conditions between the insured and insurer |
| III) Insurance policy | c) Compulsory savings made for the employee by deducting certain percentage of income by the employer |
| IV) Pension | d) Process of abstaining from present consumption for the purpose of future use |

Codes :

- | | I | II | III | IV |
|-----|---|----|-----|----|
| (A) | c | b | a | d |
| (B) | a | b | c | d |
| (C) | d | a | b | c |
| (D) | d | c | b | a |



27. Match the day observed given in List – I with their respective dates given in List – II. Indicate your options in the codes given below :

List – I	List – II
I) Autism Awareness Day	a) 1 st October
II) World Elders Day	b) 8 th March
III) Women’s Day	c) 1 st December
IV) World AIDS Day	d) 2 nd April
	e) 3 rd December

Codes :

	I	II	III	IV
(A)	c	e	a	b
(B)	d	a	b	c
(C)	c	a	b	e
(D)	d	c	b	e

28. Learning becomes more sustainable, if it happens at four levels, identify the correct order in which it has to happen.

- (A) Hearing, seeing, writing, doing
- (B) Doing, seeing, writing, hearing
- (C) Seeing, hearing, doing, writing
- (D) Writing, doing, seeing, hearing

29. Given below are two statements, one labeled as Assertion (A) and the other labeled as Reason (R).

Assertion (A) : Traditional methods and materials of communication in India are not cost effective.

Reason (R) : The preparation of audiovisual aids used in traditional methods of communication are labour intensive and the materials are expensive.

In the context of the two statements which one of the following is correct ?

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

30. When each and every item in the population has an equal chance of inclusion in the sample, it is called

- (A) Simple random sampling
- (B) Deliberate sampling
- (C) Purposive sampling
- (D) Stratified sampling



31. Which one of following cooking techniques will retain maximum nutrients in vegetables ?

- (A) Boiling
- (B) Pressure cooking
- (C) Frying
- (D) Microwaving

32. Which are the major causes of undernutrition in Indian children ? Indicate your response from the codes given below :

- I) Inadequate intake of food
- II) Lack of adequate healthcare facility
- III) Unhygienic living conditions
- IV) Midday meal program

Codes :

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

33. Personal hygiene of personnel in food service institution refers to the following aspects. Use the codes given below to indicate your responses.

- I) General health
- II) Grooming
- III) Working habits
- IV) Appearance

Codes :

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

34. Which of the below statements are factors accelerating fashion ?

- I) Sales promotion
- II) Increase in import/exports
- III) Work area/type of occupation
- IV) Increase in buying power
- V) Change of season

Codes :

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



35. Match the types of knits given in List – A with their characteristic features in List – B. Select the correct response from the codes.

List – A

List – B

- I) Tricot knit
 - II) Milanese knit
 - III) Raschel knit
 - IV) Simplex knit
- a) Made with spring beard needles. Stitch appears on both sides, relatively dense fabric production used for gloves and hand bags
 - b) Made with latch needles, mainly uses heavy yarns to create intricate lace like patterns to create pillar and run in fabrics
 - c) Made with spring beard or latch needles. Uses fine light weight yarns to create rib structures on the face and rib on the back
 - d) Uses textured and filament yarns for production of light to heavy weight fabrics and designs of all varieties. The fabrics are soft wrinkle resistance with good drape

Codes :

	I	II	III	IV
(A)	b	c	d	a
(B)	c	b	a	d
(C)	d	c	b	a
(D)	a	c	d	b

36. Identify the correct statements from below. Indicate your response using the codes given below :

- I) Money is human resource as it is earned by human being
- II) Psychic income is the satisfaction derived by the use of other resources
- III) The vegetables grown in kitchen garden are accounted in real income
- IV) The fringe benefits received in the form of medical benefits is considered in real income

Codes :

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

37. Write the order of the chemical base of DNA. Indicate your response using the codes given below :

- I) Cytosine
- II) Guanine
- III) Thymine
- IV) Adenine

Codes :

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



38. There are two lists A and B, match the programmes with the field level functionaries given from the codes given below :

List – A	List – B
I) Non formal adult education	a) Extension worker
II) School education	b) Anganwadi worker
III) Extension education	c) Volunteer
IV) ICDS	d) Teacher

Codes :

	I	II	III	IV
(A)	a	c	b	d
(B)	b	a	d	c
(C)	c	d	a	b
(D)	d	b	c	a

39. Participation of all stakeholders in addressing a nutrition problem in the community using participatory rural appraisal methods involves the following steps, arrange their order in the process.

- (A) Problem identification, selection of solution, mapping resources, situational analysis and application
- (B) Situational analysis, problem identification, mapping resources, selection of solution and application
- (C) Problem identification, situational analysis, mapping resources, selection of solution and application
- (D) Mapping resources, situational analysis, problem identification, selection of solution and application

40. The secondary data is available in some of the following forms. Select the forms by using the codes given below :

- I) Publications of state, central and local governments
- II) Publications of foreign governments and international bodies
- III) Reports and publications of various associations and research scholars
- IV) Technical and trade journals
- V) Books, magazines and newspapers
- VI) Public records, statistical and historical documents

Codes :

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

41. Which one of the following group of fruits can be used for preparing jelly on account of natural pectin present in them ?

- (A) Peaches, Papaya and Mango
- (B) Guava, Papaya and Apple
- (C) Banana, Orange and Sapota
- (D) Pineapple, Apple and Lemons



42. Identify group of foods with low glycemic index.
- (A) Banana, Potato and Oatmeal Porridge
 - (B) White bread, Mango and Jam
 - (C) Papaya, White rice and Bengal gram curry
 - (D) Whole grain chapathi, Green gram sprouts and Leafy vegetables
43. The process of recruitment of personnel in any institution follows certain sequential steps. Identify the correct sequence by choosing one from the following options.
- (A) Selection, Recruitment, Placement and Induction
 - (B) Selection, Placement, Recruitment and Induction
 - (C) Selection, Induction, Recruitment and Placement
 - (D) Selection, Recruitment, Induction and Placement
44. The chemical combination of carbon, oxygen, nitrogen and hydrogen to form a long chain of molecules results in formation of following
- (A) Acetate
 - (B) Acrylic
 - (C) Polyamides
 - (D) Graft
45. The two major properties that has to be tested with reference to an elastic waist band are the following
- (A) Back/front waist dimension and flexibility of the elastic
 - (B) Relax after ten minutes of stress and colour fastness
 - (C) Fit for labeled size and resistance to degradation
 - (D) Modification due to temperature change and heat resistance
46. Given below are two statements. One is Assertion (A) and the other is Reason (R)
- Assertion (A)** : The most appropriate method for reducing fatigue in household work is to alternate static and dynamic work.
- Reason (R)** : Elimination of static work is possible in household work situation.
- In the light of above two statements, select the appropriate answer from below.
- Codes :**
- (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



47. Given below are two statements. One is Assertion (A) and the other is Reason (R).

Assertion (A) : Couple planning to seek divorce should also take an opinion of the family counselor with regard to their children.

Reason (R) : Family counselors will counsel the couple about the Pro's and Con's of divorce and its impact on children like dependency, separation anxiety and the security of the children.

In the light of above two statements, select the appropriate answer from below

Codes :

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

48. The teaching learning programme planned to achieve a set of educational goals, involves following options. Select appropriate answer from the codes given below :

- I) Syllabus
- II) Curriculum
- III) Teaching aids
- IV) Lessons

Codes :

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

49. Match the actions given in List – A with the type of communication in List – B. Indicate your response by choosing the codes below :

List – A

List – B

- I) Response to a Message
 - II) Indirect communication
 - III) A sender and a receiver in a communication setting
 - IV) Signs and symbols used
- a) Dyad
 - b) Nonverbal communication
 - c) Television
 - d) Feedback

Codes :

- | | I | II | III | IV |
|-----|---|----|-----|----|
| (A) | c | b | d | a |
| (B) | a | d | b | c |
| (C) | d | c | a | b |
| (D) | b | a | c | d |

50. The test that indicates the degree to which an instrument measures, what it is suppose to measure is called

- (A) The test of reliability
- (B) The test of true sampling
- (C) The test of validity
- (D) The soundness of measurement



Total Number of Pages : 16

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