

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

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 : III**  
**Subject : HOME SCIENCE**

Time : 2 Hours 30 Minutes

Maximum Marks : 150

Number of Pages in this Booklet : 16

Number of Questions in this Booklet : 75

**ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು**

- ಈ ಪುಟದ ಮೇಲ್ಭಾಗದಲ್ಲಿ ಒದಗಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ನಿಮ್ಮ ರೋಲ್ ನಂಬರನ್ನು ಬರೆಯಿರಿ.
- ಈ ಪತ್ರಿಕೆಯು ಬಹು ಆಯ್ಕೆ ವಿಧದ ಎಪ್ಪತ್ತೈದು ಪ್ರಶ್ನೆಗಳನ್ನು ಒಳಗೊಂಡಿದೆ.
- ಪರೀಕ್ಷೆಯ ಪ್ರಾರಂಭದಲ್ಲಿ ಪ್ರಶ್ನೆಪುಸ್ತಕವನ್ನು ನಿಮಗನಿಡಲಾಗುವುದು. ಮೊದಲ 5 ನಿಮಿಷಗಳಲ್ಲಿ ನೀವು ಪುಸ್ತಕವನ್ನು ತೆರೆಯಲು ಮತ್ತು ಕೆಳಗಿನಂತೆ ಕಡ್ಡಾಯವಾಗಿ ಪರೀಕ್ಷಿಸಲು ಕೋರಲಾಗಿದೆ.  
(i) ಪ್ರಶ್ನೆ ಪುಸ್ತಕಕ್ಕೆ ಪ್ರವೇಶವನ್ನು ಪಡೆಯಲು, ಈ ಹೊದಿಕೆ ಪುಟದ ಅಂಚಿನ ಮೇಲಿರುವ ಪೇಪರ್ ಸೀಲನ್ನು ಹರಿಯಿರಿ. ಸ್ವಿಕ್ಟರ್ ಸೀಲ್ ಇಲ್ಲದ ಅಥವಾ 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 ಕೂಡಲೆ 5 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.
- ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಗಳನ್ನು, ಪತ್ರಿಕೆ III ಪುಸ್ತಕಿಯೊಳಗೆ ಕೊಟ್ಟಿರುವ OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮಾತ್ರವೇ ಸೂಚಿಸತಕ್ಕದ್ದು. OMR ಹಾಳೆಯಲ್ಲಿನ ಅಂಡಾಕೃತಿ ಹೊರತುಪಡಿಸಿ ಬೇರೆ ಯಾವುದೇ ಸ್ಥಳದಲ್ಲಿ ಗುರುತಿಸಿದರೆ, ಅದರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲಾಗುವುದಿಲ್ಲ.
- OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಕೊಟ್ಟ ಸೂಚನೆಗಳನ್ನು ಜಾಗರೂಕತೆಯಿಂದ ಓದಿರಿ.
- ಎಲ್ಲಾ ಕರಡು ಕೆಲಸವನ್ನು ಪುಸ್ತಕಿಯ ಕೊನೆಯಲ್ಲಿ ಮಾಡತಕ್ಕದ್ದು.
- ನಿಮ್ಮ ಗುರುತನ್ನು ಬಹಿರಂಗಪಡಿಸಬಹುದಾದ ನಿಮ್ಮ ಹೆಸರು ಅಥವಾ ಯಾವುದೇ ಚಿಹ್ನೆಯನ್ನು, ಸಂಗತವಾದ ಸ್ಥಳ ಹೊರತು ಪಡಿಸಿ, OMR ಉತ್ತರ ಹಾಳೆಯ ಯಾವುದೇ ಭಾಗದಲ್ಲಿ ಬರೆಯಬಾರದು, ನೀವು ಅನರ್ಹತೆಗೆ ಬಾಧ್ಯರಾಗಿರುತ್ತೀರಿ.
- ಪರೀಕ್ಷೆಯು ಮುಗಿದನಂತರ, ಕಡ್ಡಾಯವಾಗಿ OMR ಉತ್ತರ ಹಾಳೆಯನ್ನು ಸಂವೀಕ್ಷಕರಿಗೆ ನೀವು ಹಿಂತಿರುಗಿಸಬೇಕು ಮತ್ತು ಪರೀಕ್ಷಾ ಕೊಠಡಿಯ ಹೊರಗೆ OMR ನ್ನು ನಿಮ್ಮೊಂದಿಗೆ ಕೊಂಡೊಯ್ಯಕೂಡದು.
- ಪರೀಕ್ಷೆಯ ನಂತರ, ಪರೀಕ್ಷಾ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯನ್ನು ಮತ್ತು ನಕಲು OMR ಉತ್ತರ ಹಾಳೆಯನ್ನು ನಿಮ್ಮೊಂದಿಗೆ ತೆಗೆದುಕೊಂಡು ಹೋಗಬಹುದು.
- ನೀಲಿ/ಕಪ್ಪು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ ಮಾತ್ರವೇ ಉಪಯೋಗಿಸಿರಿ.
- ಕ್ಯಾಲ್ಕುಲೇಟರ್, ವಿದ್ಯುನ್ಮಾನ ಉಪಕರಣ ಅಥವಾ ಲಾಗ್ ಟೇಬಲ್ ಇತ್ಯಾದಿಯ ಉಪಯೋಗವನ್ನು ನಿಷೇಧಿಸಲಾಗಿದೆ.
- ಸರಿ ಅಲ್ಲದ ಉತ್ತರಗಳಿಗೆ ಋಣ ಅಂಕ ಇರುವುದಿಲ್ಲ.
- ಕನ್ನಡ ಮತ್ತು ಇಂಗ್ಲೀಷ್ ಆವೃತ್ತಿಗಳ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಗಳಲ್ಲಿ ಯಾವುದೇ ರೀತಿಯ ವ್ಯತ್ಯಾಸಗಳು ಕಂಡುಬಂದಲ್ಲಿ, ಇಂಗ್ಲೀಷ್ ಆವೃತ್ತಿಗಳಲ್ಲಿರುವುದೇ ಅಂತಿಮವೆಂದು ಪರಿಗಣಿಸಬೇಕು.

**Instructions for the Candidates**

- Write your roll number in the space provided on the top of this page.
- This paper consists of seventy five 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 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.
- 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.
- Your responses to the question of Paper III are to be indicated in the **OMR Sheet kept inside the Booklet**. If you mark at any place other than in the circles in OMR 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 after the examination.
- Use only Blue/Black Ball point pen.**
- Use of any calculator, Electronic gadgets or log table etc., is prohibited.**
- There is no negative marks for incorrect answers.**
- 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 – III

**Note :** This paper contains **seventy-five (75)** objective type questions. **Each** question carries **two (2)** marks. **All** questions are **compulsory**.

1. Match the following defense mechanisms with their characteristics.

**Defense Mechanism      Characteristics**

- |                       |   |
|-----------------------|---|
| i) Regression         | a) Blocking from consciousness feelings and experiences that arouse anxiety.                                    |
| ii) Repression        | b) Channeling uncomfortable sexual or aggressive impulses into socially acceptable activities.                  |
| iii) Sublimation      | c) Return to behaviour characteristic of an earlier age, during trying times, to recapture remembered security. |
| iv) Projection        | d) Saying the opposite of what one really feels.  |
| v) Reaction formation | e) Attribution of unacceptable thoughts and feelings to another person.   |

**Codes :**

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

2. Resiliency the ability to adapt effectively in the face of threats to development offers protection from the damaging effects of stressful life events through

- a) Personal characteristics
- b) Warm parental relationship
- c) Social support outside the immediate family
- d) Strong community
- e) Environmental risks

**Codes :**

- (A) All factors except 'e' are true
- (B) Only 'a' and 'd' are true
- (C) Only 'a', 'b' and 'c' are true
- (D) Only 'c' and 'e' are true

3. Neurons seldom stimulated soon lose their synapses a process called

- (A) Myelination
- (B) Non-stimulation
- (C) Synaptic pruning
- (D) Brain plasticity



4. Analyse the statements and select the correct option

**Statement – I :**

Emotional disturbance in the mother can produce chemical changes which may be responsible for both structural and psychological abnormalities in the growing foetus.

**Statement – II :**

Drugs administered to the mother during pregnancy may pass through the placenta and affect the foetus.

- (A) Both Statements I and II are true  
(B) Both Statements I and II are false  
(C) Statement I is false and Statement II is true  
(D) Statement II is false and Statement I is true
5. The ability to use large muscles of the body is called \_\_\_\_\_, while the ability to use small muscles of the body is called \_\_\_\_\_.
- (A) Gross sensory skills, fine sensory skills  
(B) Gross motor skills, fine motor skills  
(C) Gross muscle skills, fine muscle skills  
(D) Gross sensory skills, fine motor skills

6. Arrange the following sequentially according to Piaget's sensorimotor substages.

- a) Mental representation  
b) Co-ordination of secondary circular reactions  
c) Tertiary circular reactions  
d) Primary circular reactions  
e) Secondary circular reactions  
f) Reflexive schemes

**Codes :**

- (A) f, d, e, b, c, a  
(B) d, f, b, e, a, c  
(C) e, b, d, c, a, f  
(D) c, d, e, a, f, b
7. In \_\_\_\_\_ discipline, parents and other caretakers establish rules and inform children that they are expected to abide by them.
- (A) Democratic  
(B) Permissive  
(C) Authoritarian  
(D) Authoritative



8. The study of the aged and the process of ageing is known as
- (A) Geriatrics
  - (B) Gerontology
  - (C) Life expectancy
  - (D) Longevity
9. Triple antigen protects against
- (A) Tetanus, whooping cough, diphtheria
  - (B) Whooping cough, diarrhoea, polio
  - (C) Diphtheria, salmonellosis, hepatitis
  - (D) Pertussis, tetanus, typhoid
10. The exponents of the “surplus energy” theory of play are
- (A) Spencer and Schiller
  - (B) Lazarus and Patrick
  - (C) Hall and Wundt
  - (D) Karl Groos
11. Cerebral palsy, epilepsy and spinabifida are impairment seen in \_\_\_\_\_ challenged children.
- (A) Visually
  - (B) Emotionally
  - (C) Speech and Hearing
  - (D) Physically
12. Children with IQ below 20 are said to be
- (A) Profoundly retarded
  - (B) Severely retarded
  - (C) Mildly retarded
  - (D) Slow learners
13. Which of the following chemicals used in textile industry are hazardous ?
- i) PCP
  - ii) Chlorine bleach
  - iii) Heavy metals
  - iv) Amines
- Codes :**
- (A) i, ii, iii, iv
  - (B) i, iv
  - (C) ii, iii
  - (D) i, ii, iv
14. Write the correct sequence for laundering.
- i) Soaping
  - ii) Washing
  - iii) Drying
  - iv) Ironing
- Codes :**
- (A) iv, iii, ii, i
  - (B) i, ii, iii, iv
  - (C) ii, i, iii, iv
  - (D) iii, ii, iv, i



**15. Assertion (A)** : Wool fibre has natural crimp.

**Reasoning (R)** : Scaly layers and spiral arrangement of molecules helps to achieve it.

**Codes :**

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

**16.** Spun silk is formed from

- (A) Cocoon
- (B) Pierced cocoon
- (C) Cooked cocoon
- (D) Moth

**17.** Which of the following is/are oxidising bleaches ?

- i) Hydrogen peroxide
- ii) Sodium hypochloride
- iii) Sodium hydroxide
- iv) Sulphuric acid

**Codes :**

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

**18.** Application of wax on the cloth and dyed, produces the following printed design

- (A) Tie and dye
- (B) Roller printing
- (C) Batik
- (D) Ikat

**19.** Self-help garments are introduced during

- (A) Toddler period
- (B) School going period
- (C) Infancy period
- (D) Adolescence period

**20.** In a pattern “Stay stitching” is done by

- (A) Tacking
- (B) Back stitch
- (C) Hemming
- (D) Chain stitch

**21.** Pattern laying for glazed fabrics is carried out on the

- (A) Right side of the fabric
- (B) Wrong side of the fabric
- (C) Diagonal direction of the fabric
- (D) Criss cross direction of the fabric



**22. Assertion (A) :** Care labels help towards garment maintenance.

**Reasoning (R) :** Washing and storing of garments is facilitated.

**Codes :**

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

**23.** Good packaging of garments facilitates which of the following components ?

- i) Product value
- ii) Export
- iii) Protection of merchandise
- iv) Advertising the product

**Codes :**

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

**24.** To prevent tears from becoming larger, the measure to be taken is

- (A) Mending
- (B) Hemming
- (C) Stay stitching
- (D) Back stitching

**25.** Arrange the correct order in food selection.

- i) Health promoting
- ii) Sensory quality
- iii) Nutritional value
- iv) Safety and hygiene

**Codes :**

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

**26. Assertion (A) :** ARF foods are produced by malting.

**Reason (R) :** ARF foods are not easily digested.

**Codes :**

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

**27.** As per Prevention of Food Adulteration Act the composition of standard milk is

- (A) Milk fat 4.0% SNF 8.0%
- (B) Milk fat 4.5% SNF 8.5%
- (C) Milk fat 3.5% SNF 9.0%
- (D) Milk fat 3.0% SNF 8.5%



**28. Assertion (A)** : Why proteins include casein, albumin and globulin.

**Reason (R)** : Why proteins also include immunoglobulins.

**Codes :**

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

**29.** Gluten is made up of

- (A) Gliadin and Albumin
- (B) Gliadin and Glutenin
- (C) Globulin and Albumin
- (D) Albumin and Fibrin

**30.** Name the wheat variety suitable for manufacturing macaroni products.

- (A) Red winter wheat
- (B) Soft wheat
- (C) Club wheat
- (D) Durum wheat

**31.** Reconstituted milk is also referred as

- (A) Sterilised milk
- (B) Toned milk
- (C) Homogenised milk
- (D) Flavoured milk

**32.** Indicate the gum resin used for culinary purposes.

- (A) Cloves
- (B) Fenugreek
- (C) Asafoetida
- (D) Chillies

**33.** PER is an indicator of

- (A) Protein quality
- (B) Starch quality
- (C) Fat quality
- (D) Amino acid score

**34.** Body Mass Index is computed using the formula

(A)  $\frac{\text{Wt in Kg}}{\text{Ht in cm}}$

(B)  $\frac{\text{Wt in Kg}}{\text{Ht in m}^2}$

(C)  $\frac{\text{Wt in g}}{\text{Ht in cm}}$

(D)  $\frac{\text{Ht in m}}{\text{Wt in Kg}}$

**35.** Cobalt is an important component of

- (A) Thiamine
- (B) Pyridoxine
- (C) Vitamin B<sub>12</sub>
- (D) Riboflavin



- 36.** Identify the best source of carotenoids.
- (A) Pumpkin, carrot, sweet potato, apricots
  - (B) Wholegrains, egg yolk, sesame oil
  - (C) Corn, peas, beans
  - (D) Meat, fish, poultry
- 37.** Indicate the number of times the nasogastric tube feeding can be given in a day
- (A) 2 times
  - (B) 3 times
  - (C) 4 times
  - (D) 1 time
- 38.** In the intestine, carbondioxide will be produced by
- (A) Diffusion from the blood into the intestine
  - (B) Production by the intestinal bacterial fermentation of sugars
  - (C) Acids formed by the intestinal bacteria that react with bicarbonate
  - (D) All of the above
- 39.** Adipose cells are resistant to
- (A) Insulin
  - (B) Epinephrine
  - (C) Norepinephrine
  - (D) Glucagon
- 40.** State which of the following is/are true or false.
- Statement 1 :** Atherosclerosis is the pathological process that underlies majority of vascular diseases.
- Statement 2 :** The formation of plague is due to the collection of lipids leading to narrowing of lumen of the blood vessels.
- Codes :**
- (A) Both statements are true
  - (B) Both statements are false
  - (C) Statement 1 is true and statement 2 is false
  - (D) Statement 1 is false and statement 2 is true
- 41. Assertion (A) :** A Jaundice patient shows abdominal ascites.
- Reason (R) :** The obstruction of hepatic and portal veins leads to fluid retention.
- Codes :**
- (A) (A) is correct (R) is wrong
  - (B) (A) is wrong (R) is correct
  - (C) Both (A) and (R) are correct
  - (D) Both (A) and (R) are wrong
- 42.** Hyponatremia occurs when the sodium level is below
- (A) 110 mEq
  - (B) 120 mEq
  - (C) 130 mEq
  - (D) 140 mEq





43. Sippy's diet is advised for \_\_\_\_\_ patients.

- (A) Peptic ulcer
- (B) Cardiovascular
- (C) Kidney failure
- (D) Jaundice

44. State which of the following is/are true or false.

**Statement 1** : Elders are under great stress because they are abused and neglected.

**Statement 2** : One out of every 25 elderly person is free from abuse each year.

**Codes :**

- (A) Both statements are true
- (B) Both statements are false
- (C) Statement 1 is true and statement 2 is false
- (D) Statement 1 is false and Statement 2 is true

45. State which of the following is/are true or false.

**Statement 1** : The family is one of the oldest institutions of the world.

**Statement 2** : Family has adopted and is adopting to a developing industrial society.

**Codes :**

- (A) Both statements are true
- (B) Both statements are false
- (C) Statement 1 is true and statement 2 is false
- (D) Statement 1 is false and statement 2 is true

46. Identify the features of modern family.

- i) Changes in the relationship of man and woman
- ii) Smaller family
- iii) Decline of religious control
- iv) Economic dependance
- v) Increased control of marriage contract

**Codes :**

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

47. The elements included in the production management are

- (A) Job analysis and advertising
- (B) Job analysis and standardisation
- (C) Invitation of tenders and sales
- (D) Packing and transportation

48. Which of the statements is incorrect about microwave cooking ?

- (A) In microwave cooking, metals transmit the microwaves
- (B) It is necessary to use cooking containers that will transmit the microwaves
- (C) Microwaves is an excellent method of reheating
- (D) Microwave cooking retains the original colour of the food even when reheated



49. Match the following :

- |                              |   |
|------------------------------|---|
| i) Trainee dominated method  | a) Developing of skills through instruction |
| ii) Trainer dominated method | b) Group discussion                         |
| iii) Co-operative method     | c) Lecture method                           |
| iv) Functional method        | d) Use of library                           |

Codes :

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

50. The teaching method which allow active participation are

- i) Workshop
- ii) Brainstorming
- iii) Buzz session
- iv) Lecture

Codes :

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

51. The benefits of programme planning in extension education are

- i) Avoid wastage of resources
- ii) Provide guidance
- iii) Local support
- iv) Leadership development

Codes :

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

52. Type of record forms used in evaluation of an extension program.

- i) Questionnaire and interview forms
- ii) Observation sheets, tests
- iii) Rating scales, checklists, score cards
- iv) Data sheet

Codes :

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



53. A good entrepreneur should have the following qualities :

- i) Good communication skills
- ii) Good decision making skills
- iii) Manage the resources effectively
- iv) Honesty and integrity

**Codes :**

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

54. State which of the following is/are true.

- i) Visual aids – Charts, posters, flashcards, flannel-o-graphs
- ii) Audio aids – Public address system, Telephone
- iii) Non-projected audio-visual aids – Drama puppet show
- iv) Projected audio visual aids – Computer television

**Codes :**

- (A) All are true
- (B) i, iii, iv are true
- (C) ii and iv are true
- (D) i and iii are true

55. Match the following :

**Approach**

**Example**

- |          |                     |
|----------|---------------------|
| i) Group | a) Films            |
| ii) Mass | b) Demonstration    |
|          | c) Television       |
|          | d) Group discussion |

**Codes :**

- |     | <b>i</b> | <b>ii</b> |
|-----|----------|-----------|
| (A) | bd       | ac        |
| (B) | bc       | ad        |
| (C) | ab       | cd        |
| (D) | ca       | bd        |

56. Subject matter in teaching should be

- i) Based on learners need
- ii) Understandable
- iii) Presented clearly
- iv) Applicable to the practical situation

**Codes :**

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



57. State which of the following is/are true.

- i) "Learning by doing", an important principle in the psychology of learning finds no place in the lecture demonstration method.
- ii) The "lecture demonstration" method take into account the active participation of students.

**Codes :**

- (A) Both i and ii are true
- (B) Only i is true
- (C) Only ii is true
- (D) Both are partially true

58. Teaching by doing include

- i) Lecture, exhibition, workshop
- ii) Practicals, workshop
- iii) Method demonstration, result demonstration, do it yourself
- iv) Meetings, radio talks, motion-picture

**Codes :**

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

59. The functions of extension methods are to provide \_\_\_\_\_ that causes the desired mental and physical action on the part of the learner.

- (A) Civilization
- (B) Stimulation
- (C) Participation
- (D) Motivation

60. A face to face type of individual contact by the extension worker with the people is

- (A) Home visit
- (B) Office call
- (C) Personal letter
- (D) Result demonstration

61. Qualities of a good homemaker are

- i) Intelligence
- ii) Enthusiasm
- iii) Sympathetic
- iv) Imagination

**Codes :**

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

62. Match the types of goals with examples.

<b>Goals</b>	<b>Examples</b>
i) Long-term	a) Completing school and college education
ii) Short-term	b) Higher education and career
	c) Monthly tests and Mid-term exams
	d) Building a house

**Codes :**

- |     | <b>i</b> | <b>ii</b> |
|-----|----------|-----------|
| (A) | ac       | bd        |
| (B) | bd       | ac        |
| (C) | ad       | bc        |
| (D) | ab       | cd        |



63. State which is/are true with reference to Human Resources.

- i) Knowledge
- ii) Capability and skill
- iii) Material goods
- iv) Community facilities

Codes :

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

64. Match the resources with examples.

Resources	Examples
i) Personal	a) Water, trees, roads
ii) Family	b) Market place, Park
iii) Community	c) Car, House
iv) National	d) Abilities, Skills

Codes :

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

65. State which is/are true of the following in the stages of family life cycle.

- i) the beginning stage is a period of establishment
- ii) the expanding stage is a period of retirement
- iii) the contracting stage is the child bearing and preschool stage
- iv) the finishing stage is the financial recovery

Codes :

- (A) i, ii, iii are true
- (B) ii, iii are true
- (C) i, ii are true
- (D) only i is true

66. Match the stages of the family life cycle in relation to energy demands.

Stages	Energy demands
i) Beginning	a) Diminishing demands
ii) Expanding	b) Very high demands
iii) Contracting	c) Usually low demands
	d) High to low demands

Codes :

- |     | i  | ii | iii  |
|-----|----|----|------|
| (A) | c  | b  | a, d |
| (B) | ac | b  | d    |
| (C) | b  | ad | c    |
| (D) | a  | bc | d    |



67. Techniques used for motion and time studies are

- i) Pathway charts
- ii) Process chart
- iii) Operation chart
- iv) Micromotion film analysis

**Codes :**

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

68. State which of the following is/are true.

- i) A good sitting posture for work is a well balanced and poised position.
- ii) Poor standing and sitting postures may result in permanent changes in the spine, in positions of the joints ligaments and muscles.
- iii) Using the most comfortable body position which working, eases the body and relieves strain.
- iv) Doing a task the efficient way means saving both time and energy.

**Codes :**

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

69. Changes in work and storage space and equipment include

- i) Major equipment efficiently arranged
- ii) Work surface, a comfortable height and width
- iii) Supplies and tools within easy reach
- iv) Comfortable work chairs and stools

**Codes :**

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

70. Successful communication needs to achieve the following objectives

- i) Obtain co-operation
- ii) Achieve understanding
- iii) Minimise useful response
- iv) Avoid errors

**Codes :**

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



71. Essential factors to achieve purpose of communication are

- i) Clarity
- ii) Information
- iii) Completeness
- iv) Consistency

**Codes :**

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

72. Identify the following standards with food products.

- i) B I S
- ii) F P O
- iii) AGMARK
- iv) Hallmark

**Codes :**

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

73. Garlic is used to treat

- (A) Digestive disorders
- (B) Heart diseases
- (C) Lipid levels
- (D) All of the above

74. \_\_\_\_\_ is the trademark used to identify the silk fabrics.

- (A) Wool mark
- (B) Silk mark
- (C) Cotton mark
- (D) Eco mark

75. Iron absorption requires

- (A) Calcium
- (B) Vitamin C
- (C) Vitamin A
- (D) Magnesium



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Space for Rough Work