



Paper : II
 Subject : HOME SCIENCE
 Subject Code : 30

Roll No.

--	--	--	--	--	--	--	--

 (Figures as per admission card)

OMR Sheet No. : _____

BOOKLET SERIAL NO.

Name & Signature of Invigilator/s

Signature : _____
 Name : _____

Time : 2 Hours

Maximum Marks : 200

Number of Pages in this Booklet : 24

Number of Questions in this Booklet : 100

ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು

- ಈ ಪುಟದ ಮೇಲ್ಭಾಗದಲ್ಲಿ ಒದಗಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ನಿಮ್ಮ ರೋಲ್ ನಂಬರನ್ನು ಬರೆಯಿರಿ.
- ಈ ಪತ್ರಿಕೆಯು ಬಹು ಆಯ್ಕೆ ವಿಧದ ನೂರು (100) ಪ್ರಶ್ನೆಗಳನ್ನು ಒಳಗೊಂಡಿದೆ.
- ಪರೀಕ್ಷೆಯ ಪ್ರಾರಂಭದಲ್ಲಿ ಪ್ರಶ್ನೆ ಪುಸ್ತಿಕೆಯನ್ನು ನಿಮಗೆ ನೀಡಲಾಗುವುದು. ಮೊದಲ 5 ನಿಮಿಷಗಳಲ್ಲಿ ನೀವು ಪುಸ್ತಿಕೆಯನ್ನು ತೆರೆಯಲು ಮತ್ತು ಕೆಳಗಿನಂತೆ ಕಡ್ಡಾಯವಾಗಿ ಪರೀಕ್ಷಿಸಲು ಕೋರಲಾಗಿದೆ.
 - ಪ್ರಶ್ನೆಪುಸ್ತಿಕೆಗೆ ಪ್ರವೇಶವನ್ನು ಪಡೆಯಲು, ಈ ಹೊದಿಕೆ ಪುಟದ ಅಂಚಿನ ಮೇಲಿರುವ ಪೇಪರ್ ಸೀಲನ್ನು ಹರಿಯಿರಿ. ಸ್ವಿಕ್ಟರ್ ಸೀಲ್ ಇಲ್ಲದ ಅಥವಾ ತೆರೆದ ಪುಸ್ತಿಕೆಯನ್ನು ಸ್ವೀಕರಿಸಬೇಡಿ.
 - ಪುಸ್ತಿಕೆಯಲ್ಲಿನ ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ ಮತ್ತು ಪುಟಗಳ ಸಂಖ್ಯೆಯನ್ನು ಮುಖಪುಟದ ಮೇಲೆ ಮುದ್ರಿಸಿದ ಮಾಹಿತಿಯೊಂದಿಗೆ ತಾಳಿ ನೋಡಿರಿ. ಪುಟಗಳು/ಪ್ರಶ್ನೆಗಳು ಕಾಣೆಯಾದ ಅಥವಾ ದ್ವಿಪ್ರತಿ ಅಥವಾ ಅನುಕ್ರಮವಾಗಿದ್ದು ಅಥವಾ ಇತರ ಯಾವುದೇ ವ್ಯತ್ಯಾಸದ ದೋಷಪೂರಿತ ಪುಸ್ತಿಕೆಯನ್ನು ಕೂಡಲೆ 5 ನಿಮಿಷದ ಅವಧಿ ಒಳಗೆ, ಸಂವೀಕ್ಷಕರಿಂದ ಸರಿ ಇರುವ ಪುಸ್ತಿಕೆಗೆ ಬದಲಾಯಿಸಿಕೊಳ್ಳಬೇಕು. ಆ ಬಳಿಕ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯನ್ನು 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.
- ಈ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಜೊತೆಯಲ್ಲಿ ಕೊಟ್ಟಿರುವ OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ನಿಮ್ಮ ಉತ್ತರಗಳನ್ನು ಸೂಚಿಸತಕ್ಕದ್ದು. OMR ಹಾಳೆಯಲ್ಲಿ ಅಂಡಾಕೃತಿಯಿಲ್ಲದ ಬೇರೆ ಯಾವುದೇ ಸ್ಥಳದಲ್ಲಿ ಉತ್ತರವನ್ನು ಗುರುತಿಸಿದರೆ, ಅದರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲಾಗುವುದಿಲ್ಲ.
- OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಕೊಟ್ಟ ಸೂಚನೆಗಳನ್ನು ಜಾಗರೂಕತೆಯಿಂದ ಓದಿರಿ.
- ಎಲ್ಲಾ ಕರಡು ಕೆಲಸವನ್ನು ಪುಸ್ತಿಕೆಯ ಕೊನೆಯಲ್ಲಿ ಮಾಡತಕ್ಕದ್ದು.
- ನಿಮ್ಮ ಗುರುತನ್ನು ಬಹಿರಂಗಪಡಿಸಬಹುದಾದ ನಿಮ್ಮ ಹೆಸರು ಅಥವಾ ಯಾವುದೇ ಚಿಹ್ನೆಯನ್ನು, ಸಂಗತವಾದ ಸ್ಥಳ ಹೊರತು ಪಡಿಸಿ, OMR ಉತ್ತರ ಹಾಳೆಯ ಯಾವುದೇ ಭಾಗದಲ್ಲಿ ಬರೆದರೆ, ನೀವು ಅನರ್ಹತೆಗೆ ಬಾಧ್ಯರಾಗುತ್ತೀರಿ.
- ಪರೀಕ್ಷೆಯು ಮುಗಿದನಂತರ, ಕಡ್ಡಾಯವಾಗಿ OMR ಉತ್ತರ ಹಾಳೆಯನ್ನು ಸಂವೀಕ್ಷಕರಿಗೆ ನೀವು ಹಿಂತಿರುಗಿಸಬೇಕು ಮತ್ತು ಪರೀಕ್ಷಾ ಕೊಠಡಿಯ ಹೊರಗೆ OMRನ್ನು ನಿಮ್ಮೊಂದಿಗೆ ಕೊಂಡೊಯ್ಯಕೂಡದು.
- ಪರೀಕ್ಷೆಯ ನಂತರ, ಪರೀಕ್ಷಾ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯನ್ನು ಮತ್ತು ನಕಲು OMR ಉತ್ತರ ಹಾಳೆಯನ್ನು ನಿಮ್ಮೊಂದಿಗೆ ತೆಗೆದುಕೊಂಡು ಹೋಗಬಹುದು.
- ನೀಲಿ/ಕಪ್ಪು ಬಾಲ್‌ಪಾಯಿಂಟ್ ಪೆನ್ ಮಾತ್ರವೇ ಉಪಯೋಗಿಸಿರಿ.
- ಕ್ಯಾಲ್ಕುಲೇಟರ್, ಎದ್ದುನಾಣ ಉಪಕರಣ ಅಥವಾ ಲಾಗ್ ಟೇಬಲ್ ಇತ್ಯಾದಿಯ ಉಪಯೋಗವನ್ನು ನಿಷೇಧಿಸಲಾಗಿದೆ.
- ಸರಿ ಅಲ್ಲದ ಉತ್ತರಗಳಿಗೆ ಋಣ ಅಂಕ ಇರುವುದಿಲ್ಲ.
- ಕನ್ನಡ ಮತ್ತು ಇಂಗ್ಲೀಷ್ ಆವೃತ್ತಿಗಳ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಗಳಲ್ಲಿ ಯಾವುದೇ ರೀತಿಯ ವ್ಯತ್ಯಾಸಗಳ 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 Hundred 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 :
 - 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.
 - 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 questions are to be indicated in the OMR Sheet kept inside this Booklet. If you mark at any place other than in the circles in the 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 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 – II**

Note : This paper contains **hundred (100)** objective type questions. **Each** question carries **two (2)** marks. **All** questions are **compulsory**.

1. Wearable electronic systems embedded in garments are known as
 - (A) Medical textiles
 - (B) Smart textiles
 - (C) Geo textiles
 - (D) Electro textiles

2. Sugar alcohols are
 - (A) Zero calorie sweetness
 - (B) Low calorie sweetness
 - (C) High calorie sweetness
 - (D) Fat substitutes

3. This is an example of page layout programme for newspapers.
 - (A) Photoshop
 - (B) Quark express
 - (C) Page maker
 - (D) Corel draw

4. Theory of classical conditioning was proposed by
 - (A) Maria Montessori
 - (B) Lev Vygotsky
 - (C) Ivan Pavlov
 - (D) Skinner

5. The floor immediately above the level of the adjoining ground on all sides or above the basement floor is known as
 - (A) First floor
 - (B) Ground floor
 - (C) Cellor
 - (D) Mezzanine floor

6. **Assertion (A) :** Regular consumption of foods rich in soluble fiber lowers serum triglyceride levels.
Reason (R) : Fiber prevents digestion and absorption of dietary fats.
Codes :
 - (A) Both (A) and (R) are incorrect statements
 - (B) (A) is incorrect but (R) is not the correct explanation
 - (C) (A) is correct (R) is correct explanation
 - (D) (A) is incorrect (R) is correct explanation



7. **Assertion (A)** : Fibers containing protein are damaged by moths and carpet beetles.

Reasoning (R) : Moth balls give off odour that repels the moths and prevents the deposit of eggs.

Codes :

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

8. **Assertion (A)** : Evaluation is an essential stage in the process of decision making for adoption of an idea.

Reasoning (R) : Evaluation is necessary to measure the extent of achievements of objectives and indicate the programmes strong and weak points.

Codes :

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

9. SWOT analysis is the analysis of

- (A) Sales, Weaknesses, Occupation and Threats
- (B) Strengths, Weaknesses, Occupation and Threats
- (C) Strengths, Weaknesses, Opportunities and Threats
- (D) Opportunities, Thinking, Organization, Weaknesses

10. **Assertion (A)** : Human Rights are based on the values of Dignity, Justice, Respect and Equality.

Reason (R) : The key messages of the UDHR are that human rights are universal, equal, interdependent and indivisible and inalienable.

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

Codes :

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



11. Match List – I with List – II.

List – I	List – II
a. Aldosterone	i. Increases blood glucose
b. Glucagon	ii. Regulates menstrual cycle
c. Oestrogen	iii. Assists blood pressure control
d. Renin	iv. Regulates electrolyte and fluid balance

Codes :

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

12. Match List – I with List – II.

List – I	List – II
a. cellulosic fiber	i. nomex
b. protein fiber	ii. glass
c. mineral fiber	iii. alpaca
d. aramid fiber	iv. viscose rayon

Codes :

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

13. The socio cultural and psychological dimensions of being male or female is

- (A) Gender
- (B) Sex
- (C) Gender role
- (D) Gender stereotype

14. Advertisement, television, radio and newspaper are components of which of the following method of recruitment ?

- (A) an internal method of recruitment
- (B) an indirect method of recruitment
- (C) third party method of recruitment
- (D) direct recruiting

15. Assigning a specific rank and responsibility to an employee is known as

- (A) job
- (B) task
- (C) placement
- (D) selection



16. Give the correct sequence for manufacturing process of Lenin yarn

- (A) Breaking, Hackling, Retting, Spinning
- (B) Hackling, Breaking, Spinning, Retting
- (C) Retting, Spinning, Breaking, Hackling
- (D) Retting, Breaking, Hackling, Spinning

17. Arrange in correct sequence the monitoring and evaluation process of a National Nutrition Program.

- a. Develop a structure for the analysis
- b. Determine key indicators for the evaluation and monitoring process
- c. Write up the findings and conclusions
- d. Identify patterns, trends and possible interpretations
- e. Collect information on the indicators

Codes :

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

18. Order sequentially the elements in the process of listening

- (A) Receiving, remembering, understanding, evaluating and responding
- (B) Receiving, understanding, evaluating, remembering and responding
- (C) Receiving, evaluating, remembering, understanding and responding
- (D) Receiving, understanding, remembering, evaluating and responding

19. The five step planning process arranged sequentially is

- (A) Pre-planning, prioritising, analysing, designing and implementing
- (B) Pre-planning, analysing, prioritising, designing and implementing
- (C) Pre-planning, designing, analysing, prioritising and implementing
- (D) Pre-planning, analysing, prioritising, implementing and designing

20. Identify the correct sequence of prenatal development.

- (A) period of foetus, period of embryo and period of ovum
- (B) period of ovum, period of embryo and period of foetus
- (C) period of ovum, period of foetus and period of embryo
- (D) period of embryo, period of foetus and period of ovum



21. CIP refers to
- (A) Clean In Place System
 - (B) Clean In Plate System
 - (C) Cleanliness In Place System
 - (D) Clean In Product System
22. Apparel made in a manner which continues to be fashionable over a long period of time is known as
- (A) Fad (B) Style
 - (C) Classic (D) Chic
23. The main cause of child labour in India is
- (A) Peer pressure
 - (B) Media influence
 - (C) Poverty
 - (D) Children love to work
24. The best example for a positive reinforcement in learning is
- (A) Bribing the child with gifts
 - (B) Scolding the child
 - (C) Verbal praise
 - (D) Comparing the child with others
25. The best type of soil suitable for construction is
- (A) Filled soil (B) Rock soil
 - (C) Soft soil (D) Sandy soil
26. **Assertion (A)** : Some risk factors for myocardial infarction can not be modified.
- Reason (R)** : Family history, ethnicity and age can not be changed.
- Codes :**
- (A) (A) is correct, but (R) is incorrect
 - (B) Both (A) and (R) are incorrect
 - (C) (A) is incorrect, but (R) is correct
 - (D) (A) is correct and (R) is the correct explanation
27. **Assertion (A)** : A straight piece of fabric attached to a curved edge will look bulky and untidy.
- Reasoning (R)** : The elasticity of a true bias permits good stretchability, thus it gives a flat and smooth finish when attached to a curved edge.
- 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



28. Assertion (A) : Home Science has developed as an applied science discipline with greater relevance to individuals from birth to death.

Reasoning (R) : Home Science draws principles and content from various science subjects and applies them to solve the problems of individuals throughout their life.

Codes :

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

29. Assertion (A) : Planning a good interior is the successful integration of beauty, expressiveness and functionalism.

Reason (R) : A sofa, very comfortable to sit, expressing the owner's personality and adding beauty to the room is an example for a good interior selection.

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

30. Assertion (A) : Presbyopia is an age-related visual impairment which is commonly experienced by middle aged individuals.

Reason (R) : Presbyopia is caused only in females.

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

Codes :

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

31. Match List – I with List – II.

List – I

List – II

- | | |
|---------------|----------------|
| a. Tanchoi | i. Maharashtra |
| b. Tangail | ii. Tamil Nadu |
| c. Paithani | iii. Bengal |
| d. Kanjiwaram | iv. Gujarat |

Codes :

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



32. Match the leaders with their styles.

List – I

- a. Democratic
b. Autocratic
c. Laissez-faire
d. Paternalistic

List – II

- i. Participative
ii. Free rein
iii. Authoritarian
iv. Supportive

Codes :

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

33. Match the symptoms in List – I to its condition/disease given in List – II.

List – I

- a. Ascites
b. Edema
c. Ketosis
d. Hematuria
e. Weight loss

List – II

- i. Renal calculi
ii. Liver disease
iii. Anorexia Nervosa
iv. Congestive heart failure
v. Malnutrition
vi. Type 1 diabetes

Codes :

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

34. Match the details of list of items in List – I with List – II.

List – I

- a. One wall kitchen
b. Parallel wall kitchen
c. 'L' shape kitchen
d. 'V' shape kitchen

List – II

- i. Two major appliances one and third adjacent wall
ii. Two major kitchen appliances one and third on opposite wall
iii. Sink, refrigerator, range and one wall
iv. One major appliance on each of three adjacent walls

Codes :

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



35. Failure of the closure of neural tube leads to serious birth disorder called

- (A) Spina Bifida
- (B) Muscular dystrophy
- (C) Cerebral palsy
- (D) Poliomyelitis

36. Arrange the correct sequence for the manufacturing of felted fabrics.

- I. Exert the pressure that combines with moisture and heat
- II. Spread the batts evenly by sprinkling warm water over them
- III. Pass the rollers to press the fibers
- IV. Rest the top roller on the batt with an oscillation motion

Codes :

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

37. The steps to be followed in an educational video production are

- i. evaluation
- ii. scripting
- iii. planning
- iv. recording
- v. editing

Codes :

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

38. Which sequence most accurately represents the scientific method approach ?

- (A) define problem, hypothesis, data collection, consolidation, interpretation
- (B) formulate hypothesis, define problem, data collection, interpretation
- (C) formulate hypothesis, define problem, consolidation, data collection
- (D) define problem, validate hypothesis, data collection, interpretation



39. Which of the following sequence is correct in counseling ?

- (A) First contact, interview, intervention, follow up
- (B) Follow up, interview, intervention, first contact
- (C) Interview, intervention, follow up, first contact
- (D) Intervention, follow up, interview, first contact

40. Give the correct sequence of plans to be prepared while planning for a residential building.

- I. Floor plan
- II. Landscape plan
- III. Service layout
- IV. Cross section
- V. Elevation
- VI. Perspective plan
- VII. Site plan

Codes :

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

41. "Pret-a-porter" is a term used for

- (A) Portable bags
- (B) High fashion clothes
- (C) Ready to wear clothes
- (D) Mix and match clothes

42. Pellegra has been called the disease of the three D's.

- (A) Dermatitis, dementia and dehydration
- (B) Dermatitis, diarrhoea and dizziness
- (C) Dermatitis, diarrhoea and dementia
- (D) Dermatitis, diarrhoea and dyspepsia

43. Family resource management involves the following.

- (A) development of goals, identification of resources needed to reach these goals, the decision-making process that uses limited resources to achieve these goals
- (B) development of goals, arranging finances to achieve these goals
- (C) identify goals, assign to individuals and identify resources
- (D) identify resources, develop goals and use available resources



44. According to Erikson, when initiative is not encouraged, it leads to

- (A) shame
- (B) inferiority
- (C) isolation
- (D) guilt

45. The degree to which a source of information is perceived as true is

- (A) Fidelity
- (B) Credibility
- (C) Empathy
- (D) Sympathy

46. **Assertion (A)** : Microencapsulation is used for the fortification of vitamins and minerals in processed foods.

Reason (R) : The technique improves delivery of nutraceuticals and bioactive ingredients in functional foods.

Codes :

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

47. **Assertion (A)** : Ability of fabric or yarn to stretch and return to its original shape when tension is released is known as elasticity.

Reasoning (R) : Woven fabrics have higher elasticity as compared to knitted fabrics and are thus suitable for active sports wear cloths.

Codes :

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

48. **Assertion (A)** : Demonstrations are the oldest and best methods for transferring technology to the rural masses.

Reasoning (R) : Demonstrations uphold the principles of 'seeing' is believing and 'learning by doing'.

Codes :

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



49. Assertion (A) : Micro-credit is an important mechanism for economic empowerment of women.

Reason (R) : Self-help groups use micro-credit for promoting entrepreneurship.

Codes :

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

50. Assertion (A) : A blended or reconstituted family is a family structure resulting from remarriage of a divorced parent that includes parent, child/children and new step relatives.

Reason (R) : Blended families have very high success rate.

Codes :

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

51. Match List – I with List – II.

List – I

List – II

- | | |
|---------------------|------------------|
| a. Fiber length | i. Pick glass |
| b. Thread count | ii. Crock meter |
| c. Tensile strength | iii. Comb sorter |
| d. Colour fastness | iv. Scott tester |

Codes :

a b c d

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

52. Extension teaching should be successful by

- (A) Encouragement
- (B) Effective learning
- (C) Effective teaching
- (D) Supporting



53. "Germinated legumes are nutritionally superior." Justify the statement using the reasons given below. Indicate your response using the code below.

- I. Better protein and starch digestibility
- II. Lower anti nutrient and higher bioavailable minerals
- III. Higher Vitamin content
- IV. Higher minerals and oligo saccharides

Codes :

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

54. According to Engel's law of consumption, as the income increases the proportion of income spent on food

- (A) Decreases
- (B) Increases
- (C) Increases or Decreases
- (D) Remains constant

55. Match the items in List – I and List – II.

- | List – I | List – II |
|----------------|--|
| a. Thanatology | i. Artificial insemination |
| b. Surrogacy | ii. The study of death |
| c. Adolescence | iii. Intellectual declines |
| d. Dementia | iv. Transition between childhood and adulthood |

Codes :

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

56. The correct sequence of manufacturing process of wool is

- (A) sorting, scouring, garnething, grading
- (B) sorting, grading, garnething, scouring
- (C) scouring, grading, garnething, sorting
- (D) garnething, grading, scouring, sorting



57. The sequence of the communication elements in Shanon' model are
- (A) source, receiver, transmitter, destination
 - (B) source, transmitter, receiver, destination
 - (C) transmitter, source, receiver, destination
 - (D) destination, receiver, transmitter, source
58. Which of the following statements is correct ?
- (A) An a' la carte menu is one in which the food is prepared in advance
 - (B) An a' la carte is one in which the drinks are included
 - (C) A table d' hote menu is one where there is a limited choice in each course
 - (D) A table d' hote menu is one where all the food is cooked to order
59. Decision making is a process involving following steps in sequence.
- I. Evaluate the alternatives
 - II. Identify the alternatives
 - III. Identify the problem
 - IV. Make a decision
 - V. Evaluate the decision
- Codes :**
- (A) IV, III, V, II, I
 - (B) III, I, II, V, IV
 - (C) III, II, I, IV, V
 - (D) III, IV, II, I, V
60. Which of the following sequence is correct ?
- (A) oral phase, anal phase, genital phase, latency and phallic phase
 - (B) phallic phase, anal phase, latency, genital phase and oral phase
 - (C) oral phase, anal phase, phallic phase, latency and genital phase
 - (D) genital phase, latency, phallic phase, oral phase and anal phase
61. "Jigger" is used for
- (A) Price dyeing
 - (B) Beam dyeing
 - (C) Stock dyeing
 - (D) Solution dyeing
62. The sensory test in which food products are rated from "extremely like" to "extremely dislike" is
- (A) Hedonic scale
 - (B) Threshold test
 - (C) Paired comparison test
 - (D) Duo-trio test



63. Laggards are

- i. Traditional
- ii. Last to adopt
- iii. Localite
- iv. Cosmopolite

Codes :

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

64. Following colours are cool or residing colours.

- I. Bluish green
- II. Reddish orange
- III. Blue
- IV. Yellow orange
- V. Green

Codes :

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

65. Developmental tasks of middle age include.

- i. Achieving civic and social responsibility
- ii. Assisting teen-age children to become responsible and happy adults
- iii. Deserting aged parents
- iv. Relating to spouse for better marital adjustments

Codes :

- (A) i, ii, iii and iv are correct
- (B) i is incorrect and ii, iii and iv are correct
- (C) iii is incorrect and i, ii and iv are correct
- (D) i, ii, iii and iv are incorrect

66. **Statement I**

Basal metabolism is most closely related to the body surface area and less directly related to either weight or height of an individual.

Statement II

A tall and thin person has higher BMR than an individual of the same weight who is short and fat.

Codes :

- (A) Both Statement I and Statement II are correct
- (B) Statement I is correct and Statement II is incorrect
- (C) Statement I is incorrect and Statement II is correct
- (D) Both Statement I and Statement II are incorrect



67. Statement I

The amount of twist per inch in a yarn determines the appearance, durability and serviceability of a fabric.

Statement II

Soft twisted yarns contribute strength, smoothness and elasticity to fabrics.

Codes :

- (A) Statement I is correct Statement II is wrong
- (B) Statement I is wrong Statement II is correct
- (C) Statement I and Statement II are correct
- (D) Statement I and Statement II are wrong

68. Assertion (A) : The efficiency of a worker is at his best when his head, chest and pelvis are aligned in a straight line.

Reason (R) : The efficiency of the worker is at his best as his body weights are aligned together which could be due to torque.

Codes :

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

69. Sentence completion tests are a class of _____ projective techniques.

- (A) Structured
- (B) Unstructured
- (C) Semi-structured
- (D) None

70. Which of the following is/are true ?

- i. A projective technique presents an unstructured situation or task to which the subject responds freely
- ii. In administration of projective techniques, the subject is permitted to express his fears
- iii. Projective techniques are helpful when underlying motivations, beliefs and attitudes are operating on a subconscious level
- iv. Projective techniques should be used only when the required information cannot be obtained by direct methods

Codes :

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



71. Match List – I with List – II.

List – I	List – II
a. Wool	i. Convolutions
b. Cotton	ii. Glass rod
c. Viscose Rayon	iii. Scales
d. Nylon	iv. Striations

Codes :

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

72. Match the elements with their qualities.

List – I	List – II
a. Teacher should	i. be readily available
b. Learner should	ii. understandable and applicable
c. Subject matter should be	iii. be capable of learning
d. Teaching equipment should	iv. know the subject matter

Codes :

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

73. Match List – I with List – II.

List – I	List – II
a. Bank	i. risk management
b. Mutual Fund	ii. saving institute
c. Bill of Exchange	iii. credit instrument
d. Life Insurance	iv. investment

Codes :

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

74. The protein produced by fat cells under the direction of ob gene is

- (A) serotonin (B) leptin
(C) sibutramine (D) ghrelin

75. Apgar score is given to

- (A) a large for gestational age infant
(B) an infant at 10 months of age
(C) newborn infants at 1 and 5 minutes of age
(D) newborn infants at 1 hour after birth



76. The steps involved in the process of staffing are

- i. recruitment
- ii. selection
- iii. performance appraisal
- iv. promotion
- v. training and development
- vi. job analysis
- vii. induction

Codes :

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

77. The 4 primary assumptions regarding family resource management are

- a. economic independence changes lives
- b. applied knowledge changes lives
- c. one can improve decision-making ability
- d. knowledge is power
- e. change one's life

Codes :

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

78. According to Erikson

- i. The 1st stage of psycho social development is intimacy versus isolation
- ii. The 8th stage of psycho social development is integrity versus despair
- iii. The 2nd stage is autonomy versus shame and doubt
- iv. The 5th stage is identity versus role confusion

Codes :

- (A) i is incorrect and ii, iii and iv are correct
- (B) i, ii, iii and iv are correct
- (C) i, ii, iii and iv are incorrect
- (D) i and iii are incorrect ii and iv are correct

79. Knitted fabrics are described in terms of

- (A) courses and wales
- (B) warp and weft
- (C) lap and sliver
- (D) roving and lap

80. A low birth weight baby is defined as one that weighs

- (A) < 1500 g at birth
- (B) < 2000 g at birth
- (C) < 2500 g at birth
- (D) < 3000 g at birth



81. Match the items in List – I with the items in List – II.

List – I

- i. clique
- ii. peers
- iii. friends
- iv. crowd

List – II

- a. large group
- b. different age groups
- c. small group
- d. same age group

Codes :

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

82. Wool is chemically composed of

- (A) Lignin
- (B) Amylase
- (C) Sericin
- (D) Keratin

83. FSSAI stands for

- (A) Food Standards and Safety Authority of India
- (B) Food Safety and Standards Authority of India
- (C) Food Safety and Storage Authority of India
- (D) Food Storage and Standards Authority of India

84. Functions of management do not include

- i. planning
- ii. organizing
- iii. publishing
- iv. staffing
- v. co-ordinating

Codes :

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

85. The motivating factors that influence ones behaviour are

- i. goals
- ii. values
- iii. standards
- iv. attitude

Codes :

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



86. Assertion (A) : Finishing processes enhance the appearance of the fabric and may also add to its serviceability and durability.

Reasoning (R) : If fabric is not properly constructed and finishing processes are used to conceal inferior construction, the durability of the finished product is questionable.

Codes :

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

87. Match the pioneers with their community development activities.

List – I

List – II

- | | |
|-------------------------|-------------------------|
| i. F.L. Brayne | a. Etawah pilot project |
| ii. Sir Daniel Hamilton | b. Marthandam |
| iii. Spencer Hatch | c. Rural reconstruction |
| iv. Albert Mayer | d. Gurgaon experiment |

Codes :

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

88. SMART goals stand for

- (A) S – Specific, M – Measurable, A – Action-oriented, R – Relevant, T – Time-structured
- (B) S – Simple, M – Measurable, A – Appealing, R – Relevant, T – Time-structured
- (C) S – Specific, M – Management, A – Appealing, R – Relevant, T – Timely
- (D) S – Simple, M – Measurable, A – Action-packed, R – Relevant, T – Timely

89. Which of the following terms is used to describe an elevated blood sugar level ?

- (A) Glucosuria
- (B) Hypoglycemia
- (C) Hyperlipidemia
- (D) Hyperglycemia

90. After her parent's bitter divorce, a 12 year old girl refuses to sleep alone and crawls into her mother's bed each night. Which is the defense mechanism the girl is exhibiting ?

- (A) Displacement
- (B) Regression
- (C) Projection
- (D) Repression



91. Prevalence is best defined as
- (A) new cases occurring in a defined time period
 - (B) existing cases present at a single time point
 - (C) new cases, plus existing cases plus deaths
 - (D) new cases plus existing cases occurring in a defined time period
92. The openness or closeness of a fabric is expressed as
- (A) Drape coefficient
 - (B) Abrasion resistance
 - (C) Thickness
 - (D) Cover factor
93. A preschool teacher develops a memory game activity for the preschool children. The memory game consists of the teacher showing a child few objects and then covering them up and seeing how many objects the child can remember, which of the following areas of development would this activity best reinforce.
- (A) Manipulative
 - (B) Physical
 - (C) Social
 - (D) Perceptual
94. Aristotles model of communication includes these elements.
- i. speaker
 - ii. channel
 - iii. feedback
 - iv. speech
 - v. audience
- Codes :**
- (A) i, ii and iii only
 - (B) i, iv and v only
 - (C) i and ii only
 - (D) i, ii, iii and iv only
95. Identify the types of resources.
- (A) mental, spiritual, financial
 - (B) physical, emotional, mental
 - (C) financial, physical and emotional
 - (D) financial, emotional, mental, spiritual and physical
96. Which of the following dyes are suitable for cellulosic textiles ?
- i. disperse dye
 - ii. direct dye
 - iii. vat dye
 - iv. reactive dye
- Codes :**
- (A) i, ii, iv
 - (B) i, iii, iv
 - (C) ii, iii, iv
 - (D) i, ii, iii



Read the passage given below and answer Q. 97 to 100.

More than 1 billion people in the world today, almost half of them women, live in unacceptable conditions of poverty, mostly in the developing countries. Poverty is a complex, multidimensional problem, with origins in both the national and international domains. In the early 1950s, nearly half of India's population was living in poverty. Since then, poverty has been declining, though slowly and today vast disparities between and within India's states persist. It is estimated that women and children account for 73% of those below the poverty line. At the same time, the ratio of females to males in India is 933 : 1000. Increased female labour force participation, particularly, among the lowest-income households, is the single most important coping strategy of poor households. This trend makes female-headed households and poor women in general, a distinct poverty group. Even today in most parts of the world gender bias exists which are disadvantageous to women. Therefore, it is sometimes inevitable that gender justice become synonymous with the rights of women and any discussion on gender and poverty becomes a discussion on women and poverty. This is because, as with all other issues, women and men experience poverty in different ways. The wide range of biases in society-among them, unequal opportunities in education, employment and

asset ownership-mean that women have fewer opportunities. Poverty accentuates gender gaps and when adversity strikes, it is women who often are most vulnerable. This increased vulnerability is most visible in cases of disaster, conflict or involuntary resettlement. Starting with discrimination against the girl-child, even before she is born, the life of the average Indian woman is one of deprivation in every sphere. The overall status of women in an Indian family is lower than that of men. The girl child gets less nutrition, healthcare and education, a lesser childhood than the boy child. She has no say in any of the crucial events of her life, although they adversely affect her growth and development. The root of gender inequality, reflected in the higher incidence of poverty among women in India, is social and economic, not constitutional. The Constitution is firmly grounded in principles of liberty, fraternity, equality and justice. Women's rights to equality and freedom from discrimination are defined as justifiable fundamental rights.

97. The growth and development of girl child is not adversely affected by
- (A) Malnutrition
 - (B) Early motherhood
 - (C) Caste
 - (D) Healthcare



98. Give the correct combination of causes of gender inequality in India.

- a. Social
- b. Economic
- c. Malnutrition
- d. Constitutional

Codes :

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

99. **Assertion (A) :** Gender bias exists in India.

Reason (R) : Poverty is one of the factors for gender biases.

Codes :

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

100. Identify the INCORRECT statements.

- a. The girl child gets more healthcare attention and nutrition than the boy child
- b. Poverty accentuates gender gaps
- c. The root of gender inequality is not reflected among women in India
- d. More than 73% of women and children in India are above poverty line

Codes :

- (A) a, c, d
- (B) a only
- (C) a and d
- (D) c and d



Space for Rough Work