

Test Paper : III  
Test Subject : HOME SCIENCE  
Test Subject Code : K-3015

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 ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯನ್ನು ನಿಮಗೆ ನೀಡಲಾಗುವುದು. ಮೊದಲ 5 ನಿಮಿಷಗಳಲ್ಲಿ ನೀವು ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯನ್ನು ತೆರೆಯಲು ಮತ್ತು ಕೆಳಗಿನಂತೆ ಕಡ್ಡಾಯವಾಗಿ ಪರೀಕ್ಷಿಸಲು ಕೋರಲಾಗಿದೆ.  
(i) ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಗೆ ಪ್ರವೇಶಾವಕಾಶ ಪಡೆಯಲು, ಈ ಹೊದಿಕೆ ಪುಟದ ಅಂಚಿನ ಮೇಲಿರುವ ಪೇಪರ್ ಸೀಲನ್ನು ಹರಿಯಿರಿ. ಸ್ವಿಚ್ ಸೀಲ್ ಇಲ್ಲದ ಅಥವಾ ತೆರೆದ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯನ್ನು ಸ್ವೀಕರಿಸಬೇಡಿ.  
(ii) ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯಲ್ಲಿನ ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ ಮತ್ತು ಪುಟಗಳ ಸಂಖ್ಯೆಯನ್ನು ಮುಖಪುಟದ ಮೇಲೆ ಮುದ್ರಿಸಿದ ಮಾಹಿತಿಯೊಂದಿಗೆ ತಾಳೆ ನೋಡಿರಿ. ಪುಟಗಳು/ಪ್ರಶ್ನೆಗಳು ಕಾಣೆಯಾದ, ಅಥವಾ ದ್ವಿಪ್ರತಿ ಅಥವಾ ಅನುಕ್ರಮವಾಗಿಲ್ಲದ ಅಥವಾ ಇತರ ಯಾವುದೇ ವ್ಯತ್ಯಾಸದ ದೋಷಪೂರಿತ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯನ್ನು ಕೂಡಲೇ 5 ನಿಮಿಷದ ಅವಧಿ ಒಳಗೆ, ಸಂವೀಕ್ಷಕರಿಂದ ಸರಿ ಇರುವ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಗೆ 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 ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯೊಳಗೆ ಕೊಟ್ಟಿರುವ OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮಾತ್ರವೇ ಸೂಚಿಸತಕ್ಕದ್ದು. OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿನ ಅಂಡಾಕೃತಿ ಹೊರತುಪಡಿಸಿ ಬೇರೆ ಯಾವುದೇ ಸ್ಥಳದಲ್ಲಿ ಗುರುತಿಸಿದರೆ, ಅದರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲಾಗುವುದಿಲ್ಲ.
- OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಕೊಟ್ಟ ಸೂಚನೆಗಳನ್ನು ಜಾಗರೂಕತೆಯಿಂದ ಓದಿರಿ.
- ಎಲ್ಲಾ ಕರಡು ಕೆಲಸವನ್ನು ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯ ಕೊನೆಯಲ್ಲಿ ಮಾಡತಕ್ಕದ್ದು.
- ನಿಮ್ಮ ಗುರುತನ್ನು ಬಹಿರಂಗಪಡಿಸಬಹುದಾದ ನಿಮ್ಮ ಹೆಸರು ಅಥವಾ ಯಾವುದೇ ಚಿಹ್ನೆಯನ್ನು, ಸಂಗತವಾದ ಸ್ಥಳ ಹೊರತು ಪಡಿಸಿ, OMR ಉತ್ತರ ಹಾಳೆಯ ಯಾವುದೇ ಭಾಗದಲ್ಲಿ ಬರೆದರೆ, ನೀವು ಅನರ್ಹತೆಗೆ ಬಾಧ್ಯರಾಗುತ್ತೀರಿ.
- ಪರೀಕ್ಷೆಯ 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 ಅಥವಾ ಲಾಗ್ ಟೇಬಲ್ ಇತ್ಯಾದಿಯ ಉಪಯೋಗವನ್ನು ನಿಷೇಧಿಸಲಾಗಿದೆ.
- ಸರಿ ಅಲ್ಲದ ಉತ್ತರಗಳಿಗೆ ಋಣ ಅಂಕ ಇರುವುದಿಲ್ಲ.
- ಕನ್ನಡ ಮತ್ತು ಇಂಗ್ಲಿಷ್ ಆವೃತ್ತಿಗಳ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಗಳಲ್ಲಿ ಯಾವುದೇ ರೀತಿಯ ವ್ಯತ್ಯಾಸಗಳು ಕಂಡುಬಂದಲ್ಲಿ, ಇಂಗ್ಲಿಷ್ 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 oval 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 ovals in OMR Answer 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 soon after the examination.
- Use only Blue/Black Ball point pen.
- Use of any calculator 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. The color of the vegetables is due to the presence of following pigments.
  - (A) chlorophyll, saponins, carotenes
  - (B) ascorbic acid, chlorophyll, carotenes
  - (C) carotenes, anthocyanins, chlorophyll
  - (D) anthocyanins, polyphenols, saponins
2. Which of the following are formed in the gastro intestinal tract by bacterial fermentation ?
  - (A) Eicosanoids
  - (B) Medium chain triglycerides
  - (C) Short chain fatty acids
  - (D) Cholesterol
3. The correct sequence for preparation of tomato sauce is
  - a) blanching and peeling
  - b) selecting good quality tomatoes
  - c) cooking and adding preservatives
  - d) bottling
  - (A) a, b, c, d
  - (B) d, a, b, c
  - (C) b, c, a, d
  - (D) b, a, c, d
4. GM foods are produced by a form of biotechnology that uses
  - (A) DNA recombinant technology to design protein molecules
  - (B) DNA technology to design biomolecules
  - (C) DNA from microorganisms
  - (D) Recombinant technology from microorganisms
5. The instrument used to measure the plasticity of wheat dough
  - (A) Extensograph
  - (B) Viscometer
  - (C) Farinograph
  - (D) Texturometer
6. Match List – I with List – II.

List – I	List – II
a) Heparin	i) Component of bones and teeth
b) Cortex	ii) Anticoagulant
c) Hydroxy appetite	iii) Pigment in tissues
d) Myoglobin	iv) Gray matter of brain

**Codes :**

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



7. A deficiency caused by an inadequate dietary intake is a(n)
- (A) overt deficiency
  - (B) covert deficiency
  - (C) primary deficiency
  - (D) secondary deficiency

8. **Assertion (A)** : Scientists learn about nutrition by conducting experiments that follow the protocol of scientific research.

**Reason (R)** : Researchers take care to follow valid research protocols.

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

9. Enriched grain products are fortified with
- (A) fiber, folate, iron and zinc
  - (B) iron, thiamine, niacin and folate
  - (C) folate, magnesium, fiber and B<sub>6</sub>
  - (D) iron, B<sub>6</sub>, ascorbic acid

10. Food labels list ingredients in
- (A) alphabetical order
  - (B) ascending order of predominance by weight
  - (C) descending order of predominance by weight
  - (D) manufacturer's order of preference
11. "Milk builds strong bones" is an example of a
- (A) health claim
  - (B) nutrition fact
  - (C) nutrient content claim
  - (D) structure-function claim

12. Match List – I with List – II.

List – I	List – II
a) Bile	i) hormone
b) Pancreas	ii) transports fat
c) Gastrin	iii) emulsifies fat
d) Lymph	iv) synthesizes insulin

**Codes :**

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



13. The psychological desire to eat that accompanies the sight, smell or thought of food is known as
- (A) hunger
  - (B) satiety
  - (C) appetite
  - (D) palatability
14. The largest component of energy expenditure is
- (A) Basal metabolism
  - (B) Physical activity
  - (C) Indirect calorimetry
  - (D) Thermic effect of food
15. Factors affecting turnover of the customer is
- (A) choice of food
  - (B) time for customer disposal
  - (C) method of service
  - (D) all of these
16. In a cyclic menu, the menus are repeated on a
- (A) weekly basis
  - (B) weekly or monthly basis
  - (C) monthly basis
  - (D) yearly basis
17. **Assertion (A)** : Malnutrition results from a deficiency, excess or imbalance of nutrients
- Reason (R)** : Consumption of a balanced diet will promote health and wellbeing
- Codes :**
- (A) Both (A) and (R) are false
  - (B) (A) is true but (R) is false
  - (C) (A) is false, but (R) is true
  - (D) Both (A) and (R) are true
18. Oxygen absorbers used in active packaging for processed foods
- (A) assist in preserving texture
  - (B) inhibit lipid oxidation
  - (C) alter color of foods
  - (D) enhance flavor of foods
19. The following statements about thiamine deficiency are correct.
- a) Beri beri is endemic in areas where unpolished rice is used as a staple diet
  - b) Dry beri beri is characterized by Wernicke's encephalopathy and peripheral neuritis
  - c) Plasma pyruvate level falls in thiamine deficiency
  - d) Neurological symptoms and cardiovascular manifestations are seen in wet beri beri.
- Codes :**
- (A) a, c, d
  - (B) b, d
  - (C) a, b, d
  - (D) all of the above



20. Match the List – I with List – II.

- | List – I           | List – II                                   |
|--------------------|---|
| a) Job analysis    | i) Work schedule                            |
| b) Work outline    | ii) Increases productivity                  |
| c) Control process | iii) Task analysis                          |
| d) Management      | iv) Compares results with present situation |

**Codes :**

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

21. Prevention of Food Adulteration Act was introduced in the year

- (A) 1950
- (B) 1954
- (C) 1972
- (D) 1937

22. The objectives of food preparation are

- a) food safety assurance
- b) conserve nutritive value
- c) to prevent food wastage
- d) improve digestibility

**Codes :**

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

23. Which of the following functions is not a core function of an organization ?

- (A) product/service development
- (B) marketing including sales
- (C) operations
- (D) accounting and finance

24. Binge eating is a

- (A) Behavioral disorder
- (B) Physiological disorder
- (C) Metabolic disorder
- (D) Neurological disorder

25. The zero rejection policy in Education is implemented by

- (A) SSA
- (B) UGC
- (C) ICAR
- (D) ICMR



26. Match List – I with List – II.

List – I	List – II
a) Deferred imitation	i) Psychoanalytic theory
b) Operant conditioning	ii) Cultural Historical theory of cognition
c) Defense redronism	iii) Cognitive development theory
d) Zone of proximal development	iv) Psychosocial theory
e) Ego development stages	v) Social learning theory

**Codes :**

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

27. Thorndike proposed that learning takes place through

- (A) Conditioned response to stimulus
- (B) Operant conditioning
- (C) Trial and error
- (D) Inrightful problem solving

28. **Assertion (A) :** Premature babies do not survive

**Reason (R) :** Because they are critically underweight

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

29. Infants learn the concept of object permanence by the age of

- (A) 6 – 8 months
- (B) 9 – 12 months
- (C) 12 – 15 months
- (D) 15 – 18 months

30. Early childhood period is

- a) Pre operational stage
- b) Phallic stage
- c) Pre conventional stage
- d) Trust vs mistrust stage

- (A) a, b and c are correct
- (B) a and b are correct
- (C) only a is correct
- (D) all four are correct



31. Aggression shown by young children is
- (A) Hostile aggression
  - (B) Instrumental aggression
  - (C) True aggression
  - (D) Antagonistic aggression
32. A gene that always expresses its hereditary characteristic
- (A) Single gene
  - (B) Dominant gene
  - (C) Poly gene
  - (D) Allele
33. The ecological theory proposes the following for better care and socialization of young children.
- a) Use of modern technology for working mothers
  - b) Carrying babies to work place
  - c) Extended leave for mothers
  - d) Work from home permissions for mothers
- (A) a and d are correct
  - (B) a alone is correct
  - (C) a and c are correct
  - (D) b alone is correct

34. Digit Span test is part of one of the following tests.
- (A) RPM
  - (B) PPVT
  - (C) MMPI
  - (D) WISC
35. Inability to write words correctly accompanied attention span problems is a condition called
- (A) Ataxia
  - (B) Disgraphia
  - (C) Dyslexia
  - (D) Seizure
36. Match List – I with List – II.

List – I	List – II
a) Sand play	i) Creative work
b) Block play	ii) Language skill
c) Threading beads	iii) Texture concept
d) Story telling	iv) Spatial concept
e) Painting	v) Fine motor skill

**Codes :**

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



37. Cotton fabrics are suitable for summer since it has
- (A) Good Absorbency
  - (B) Soft
  - (C) Good conductor of heat
  - (D) All of the above

38. The fibre which has a mineral origin is
- (A) Silk
  - (B) Flax
  - (C) Asbestos
  - (D) Acrylic

39. **Assertion (A)** : The European Union is the largest trading partner with relation to garment exports.

**Reason (R)** : Garment Exports depends on quota system to the European Union.

**Codes :**

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

40. List the Documents needed for effective implementation of QMS.

- (A) Quality policy
- (B) Work procedures
- (C) Job description
- (D) All of the above

41. Match List – I with List – II.

List – I	List – II
a) AATCC	i) Textile fibre Products Identification Act
b) ASTM	ii) Bureau of Indian Standard
c) BIS	iii) American Society for Testing Materials
d) TFPIA	iv) American Association of Textile Chemists and Colorists

**Codes :**

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





42. Give the sequence for Denim Washing.

- i) Bleaching
- ii) Softening
- iii) Stone wash
- iv) Enzyme wash

**Codes :**

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

43. **Assertion (A)** : Batik printing is done by using wax and cold dyes.

**Reason (R)** : Wax prevents dyes penetration and does not melt while dyeing.

**Codes :**

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

44. Yarn Number indicates

- (A) Linear Density
- (B) Yarn Twist
- (C) Yarn Type
- (D) Yarn Diameter

45. Shoppers stop could be categorized as

- (A) Destination store
- (B) Department store
- (C) Discount store
- (D) Life style store

46. **Assertion (A)** : Architecture, Folk Art and Sculpture are sources for Inspiration for Textile Design.

**Reason (R)** : The roots for all design Inspiration are nature.

**Codes :**

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

47. Various forms used to advertise apparels are

- (A) Hoarding
- (B) Television
- (C) Hand bills
- (D) All of the above

48. The upper clothing worn during the early civilization is

- (A) Tunic
- (B) Vastra
- (C) Pancha
- (D) Kayabanth



49. Match List – I with List – II.

List – I	List – II
a) Patola	i) Karnataka's traditional embroidery
b) Kasuti	ii) Fish motives are commonly used
c) Kantha work	iii) Ooty tribes commonly use the work
d) Thoda work	iv) Yarn Tie and Dye of Gujarat

Codes :

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

50. The basic elements of Ergonomics.

- (A) Work and work Environment
- (B) Anthropometry and Biomechanics
- (C) Human factors and Human Engineering
- (D) All of the above

51. **Statement (I)** : Channel of communication is a means of connecting sender and receiver.

**Statement (II)** : Channel of communication is a means of encoding and de-coding a message.

**Codes :**

- (A) Statement (I) is true and statement (II) is false
- (B) Statement (I) is false and statement (II) is true
- (C) Statement (I) and (II) are true
- (D) Statement (I) and (II) are false

52. Which of the following is true ?

- (A) Budget is a saving plan
- (B) Budget is a Income generating plan
- (C) Budget is a spending plan
- (D) Budget is a cost estimation plan

53. Good management requires good communication which happens only when

- (A) More messages are given to more people
- (B) Right message is given in the right form and to the right people
- (C) Various media are used to give messages
- (D) Messages are detailed and with illustrations



54. Match List – I with List – II.

List – I	List – II
a) Hallmark	i) Eco friendly products
b) Eco mark	ii) Electrical fittings
c) Agmark	iii) Gold Jewellery
d) ISI	iv) Honey

Codes :

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

55. **Statement (I)** : Rhythmic movements are faster and less tiring than unrhythmic movement.

**Statement (II)** : Motions against gravity are slower than those with gravity.

Codes :

- (A) Statement (I) and (II) are true
- (B) Statement (I) and (II) are false
- (C) Statement (I) is true and (II) is false
- (D) Statement (I) is false and (II) is true

56. An important tool used in time management.

- (A) Peak load
- (B) Leisure time
- (C) Work curve
- (D) All the above

57. Mention the sequence of steps in management.

- i) Controlling
- ii) Evaluating
- iii) Planning
- iv) Organising

Codes :

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

58. Which of the following is an element of the open system of management ?

- (A) Sub system
- (B) Environment
- (C) Strategy
- (D) Value



59. In work simplification change in work place can be brought about by

**Statement (I) :** Having counters and storage in correct weights

**Statement (II) :** By using ready to eat food.

**Codes :**

- (A) Both statement (I) and (II) are true
- (B) Both statement (I) and (II) are false
- (C) Statement (I) is true and (II) is false
- (D) Statement (II) is true and (I) is false

60. Time and energy can be saved by

- (A) Collecting everything you need before starting
- (B) Placing items at their point of use
- (C) Planning the sequence of your activities
- (D) All of the above

61. Which of the following is true ?

- (A) Management enhances efficiency and effectiveness
- (B) Management increases cost
- (C) Management is concerned only with profit
- (D) Management is concerned only with production

62. In which year Consumer Protection Act came into effect in India ?

- (A) 1948
- (B) 1956
- (C) 1981
- (D) 1999

63. Most effective media for adult education are

- i) Print media
- ii) Street plays, music, dance, puppetry
- iii) Radio, television
- iv) Gmail, Google+

**Codes :**

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



64. For effective learning

**List – I**

**List – II**

- |                              |                                |
|------------------------------|--------------------------------|
| a) Teacher should            | i) Be based on learners need   |
| b) Learner should            | ii) Be readily available       |
| c) Teaching equipment should | iii) Have need for information |
| d) Subject matter should     | iv) Know the subject matter    |

**Codes :**

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

65. Forms of formal evaluations are

- (A) Scientific research
- (B) Do-it-yourself evaluations
- (C) Self-checking evaluations
- (D) Casual everyday evaluations

66. **Assertion (A)** : Monitoring presents “What has been delivered” and evaluation answers the question “What has happened as a result of the intervention”.

**Reasoning (R)** : Monitoring and evaluation provide with better means for learning, from past experience, improving service delivery, planning and allocating resources and demonstrating results as part of accountability to entrepreneurs.

**Codes :**

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

67. Government schemes and incentives for promotion of entrepreneurship are :

- i) Prime Minister’s employment generation programme
- ii) Rajiv Gandhi Mitra Yojana
- iii) Assistance of yojana institutions
- iv) Medium enterprise Yojana

**Codes :**

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



68. Challenges in communication in contemporary society are

- (A) Reaching maximum number of people
- (B) Having an emotional and social appeal
- (C) Using an Appropriate communication technique
- (D) All of the above

69. Problems encountered in communication of extension activities are

- i) Ineffective environment
- ii) Wrong handling and selection of channels
- iii) Problems of co-operation, participation and involvement
- iv) Attention and attitude of the audience towards the communicator

**Codes :**

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

70. Self help groups :

- (A) are a voluntary association of 10-20 members
- (B) should have common interest
- (C) should have democratic procedure in its formation
- (D) all of the above

71. Sources of business ideas are through

- (A) Market characteristics
- (B) Product profile
- (C) Trade fairs and trade journals
- (D) All of the above

72. **Assertion (A)** : Communication takes place when the sender selects a certain message and gives it a special treatment for transmission over a selected channel to a receiver who interprets the message before taking the desired action.

**Reasoning (R)** : If even one of the above said elements is not used properly, effective communication cannot take place.

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



73. Characteristics of innovations are

- i) Cost
- ii) Complexity
- iii) Compatibility
- iv) Utility

**Codes :**

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

74. Leadership qualities in a woman in a rural setting can be determined through

- i) Sociometry
- ii) Discussion
- iii) Workshop
- iv) Group observation

**Codes :**

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

75. Match List – I with List – II.

**List – I**

**List – II**

- |                           |                            |
|---------------------------|----------------------------|
| a) Mahatma Gandhi         | i) Sri Niketan             |
| b) Spencer Hatch          | ii) Etawah project<br>(UP) |
| c) Albert Meyor           | iii) Marthandam            |
| d) Rabindranath<br>Tagore | iv) Sevagram               |

**Codes :**

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



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Space for Rough Work