

Strictly Confidential: (For Internal and Restricted use only)
Secondary School Examination
March 2019
Marking Scheme – HOME SCIENCE (SUBJECT CODE: 064)
(PAPER CODE: 37/1)

General Instructions: -

1. You are aware that evaluation is the most important process in the actual and correct assessment of the candidates. A small mistake in evaluation may lead to serious problems which may affect the future of the candidates, education system and teaching profession. To avoid mistakes, it is requested that before starting evaluation, you must read and understand the spot evaluation guidelines carefully. **Evaluation is a 10-12 days mission for all of us. Hence, it is necessary that you put in your best efforts in this process.**
2. Evaluation is to be done as per instructions provided in the Marking Scheme. It should not be done according to one's own interpretation or any other consideration. Marking Scheme should be strictly adhered to and religiously followed. **However, while evaluating, answers which are based on latest information or knowledge and/or are innovative, they may be assessed for their correctness otherwise and marks be awarded to them.**
3. The Head-Examiner must go through the first five answer books evaluated by each evaluator on the first day, to ensure that evaluation has been carried out as per the instructions given in the Marking Scheme. The remaining answer books meant for evaluation shall be given only after ensuring that there is no significant variation in the marking of individual evaluators.
4. If a question has parts, please award marks on the right-hand side for each part. Marks awarded for different parts of the question should then be totaled up and written in the left-hand margin and encircled.
5. If a question does not have any parts, marks must be awarded in the left hand margin and encircled.
6. If a student has attempted an extra question, answer of the question deserving more marks should be retained and the other answer scored out.
7. No marks to be deducted for the cumulative effect of an error. It should be penalized only once.
8. A full scale of marks **0 – 75** has to be used. Please do not hesitate to award full marks if the answer deserves it.
9. Every examiner has to necessarily do evaluation work for full working hours i.e. 8 hours every day and evaluate 25 answer books per day.
10. Ensure that you do not make the following common types of errors committed by the Examiner in the past:-
 - Leaving answer or part thereof unassessed in an answer book.
 - Giving more marks for an answer than assigned to it.
 - Wrong transfer of marks from the inside pages of the answer book to the title page.
 - Wrong question wise totaling on the title page.
 - Wrong totaling of marks of the two columns on the title page.
 - Wrong grand total.
 - Marks in words and figures not tallying.
 - Wrong transfer of marks from the answer book to online award list.
 - Answers marked as correct, but marks not awarded. (Ensure that the right tick mark is correctly and clearly indicated. It should merely be a line. Same is with the X for incorrect answer.)
 - Half or a part of answer marked correct and the rest as wrong, but no marks awarded.

11. While evaluating the answer books if the answer is found to be totally incorrect, it should be marked as (X) and awarded zero (0) Marks.
12. Any unassessed portion, non-carrying over of marks to the title page, or totaling error detected by the candidate shall damage the prestige of all the personnel engaged in the evaluation work as also of the Board. Hence, in order to uphold the prestige of all concerned, it is again reiterated that the instructions be followed meticulously and judiciously.
13. The Examiners should acquaint themselves with the guidelines given in the Guidelines for spot Evaluation before starting the actual evaluation.
14. Every Examiner shall also ensure that all the answers are evaluated, marks carried over to the title page, correctly totaled and written in figures and words.
15. The Board permits candidates to obtain photocopy of the Answer Book on request in an RTI application and also separately as a part of the re-evaluation process on payment of the processing charges.

MARKING SCHEME

CODE-37/1 (SET-C)

SECTION-A

Q-1 To whiten and brighten white clothes.

OR

1

(A) Stiffening

(B) To maintain shape of clothes.

(C) Any other

Q-2 Vitamin A, Calcium, Iron (Any Two)

1/2x2=1

OR

Sugar

Q-3 Stage of growth spurts, period of person's life between being a child and becoming an adult, between ages of 13 to 17 years.

1

Q-4 (A) Non-Toxic.

1/2x2=1

(B) Should not have sharp edges

(C) Any other

Q-5 (A) Arhar dal

1/2x2=1

(B) Channa dal

OR

(A) Turmeric powder

(B) Jaggery

(C) Any other

Q-6

(A) Absence of adequate temperature.

1/2x2=1

(B) Keeping the food in open

(C) Any other

Q-7 A person who is handling food while cooking , serving and storing is called food handler.

1

Q-8 (A) Alkali based-Soap

1/2x2=1

(B) Acid based-vinegar, lemon juice

SECTION-B

Q-9 (A) Use clean, washed and sterilized crockery and cutlery

1/2x4=2

(B) Do not dip fingers in glass or bowl

(C) Do not cough or sneeze while serving

(D) Hair should be tied.

Any other

OR

(A)Temperature of refrigerator should be ideal for milk

(B) Cool the boiled milk before refrigeration.

(C) Cover it with lid

(D)Keep the milk away from onion, water melon and other strong flavored fruits and vegetables.

(E) Any other

Q-10 (a) CUTS- Consumer unity and trust society

1/2x4 = 2

(b) CAG- Citizens Consumer and civic action group.

(c) CAI- Consumer Association of India.

(d)IFCO- Indian Federation of Consumer Organization.

(e) Any Other.

Q-11 (a) Use of contaminated water in milk can infect a healthy person

(b) Reducing nutrient content. **1/2x4 = 2**

(c) Use of prohibited colours in food can result in indigestion

(d) Use of argemone oil in mustard oil can cause Dropsy

Any other

Q-12 (a) The child can differentiate between imagination and reality **1/2x4 = 2**

(b) Can understand relationship

(c) Develops logical reasoning.

(d) Can take responsibilities in supervision of elders

Any other

Q-13

1+1=2

PSYCHIC INCOME	REAL INCOME
1. Satisfaction after spending money or real income. Eg-happiness attained when a child in the family scores good marks.	Commodities and services received by a family. Eg-fringe benefits (Telephone,house,servants provided from work place)

Q-14 (a) Public provident fund (PPF)

1/2x4 = 2

(b) Recurring deposit scheme(RD)

(C) Fixed deposit scheme(FD)

(d) Bonds

Any other

Q-15 (a) Planning meals according to nutritional needs of family members

(b) Use of all food groups **1x2 = 2**

(c) Planning meals according to family budget

(d) Seasonal fruits and vegetables should be included

Any other

OR

(a) Leftover dal /veg.-stuffed parantha.

(b) Left over boiled rice-lemon rice /cutlets.

(c) Any other

Q-16 (a) Washing same type of utensils at a time.

1/2x4 = 2

(b) Soak soiled utensils in water before washing

(c) there should be proper place to keep washed utensils

(d) Sink should be at adequate height.

Any other

SECTION –C

Q-17 RDA

1x3=3

	13-15 yr	BOY		16-18 yr	BOY
Calorie	2750 kcal			3020 kcal	
protein	54.3 g			61.5 g	
calcium	800mg			800 mg	

Q-18

1x3=3

1. Tea (Any One)

- A. Apply caustic soda and pour boiling water
- B. Dip the cloth in glycerin.

2. Lipstick (Any One)

- A. Scrub with mentholated spirit
- B. Wash with soap solution.

3. Grease (Any One)

- A. Apply Maida or starch on stain
- B. Use kerosene oil ,petrol or spirit

OR

- A. Use solvents like petrol & Benzene etc.
- B. Use soapy water
- C. Bleach in sun light
- D. Use dilute acidic solutions
- E. Use dilute alkaline solutions
- F. Lastly use oxidizing agents

Q-19 Modifying the normal diet in order to meet the requirement of patient

1x3=3

Ways of diet modification (Any two)

1 consistency of food

2 Method of cooking

3 Food items

Any other

SECTION -D

Q-20 Any four

1x4=4

- A. Lining of coat should be matching
- B. No puckering in lining
- C. Padding in the shoulder
- D. Well stitched buttons on coat
- E. Button at the same distance
- F. Same size pockets on both sides
- G. Matching thread should be used
- H. Any other

OR

- A. Stitching should be done with fast colour thread
- B. Button should be stitched properly at equal distance
- C. Run and fell seam is to be used
- D. Size of button should be according to the size of buttons
- E. Any other

Q-21

- A. While cooking and serving food hands should be washed

1x4=4

- B Nails should be cut
- C Head should be covered with head cover
- D Person should not have any kind of communicable/skin disease
- Any other

OR

- A. Walls ,almirahs and floor should be cleaned regularly
- B. Dustbin should be covered
- C. Proper drainage system
- D. Wire mesh should be there at windows and doors

E. Any other

Q-22

A. number of work /course to be done

1x4=4

B Availability of equipments for work simplification

C. Number of helping hands

D. Knowledge of methods of work simplification

E. Any other

Q-23

A Using measuring rod without standard mark

1x4=4

B Using table to measure laces /elastic etc.

C Stretching cloth while measuring on the rod

D Lie about colour fastness/shrinkage of the cloth

E Any other

Q-24 Social needs

1/2x4+1/2x4=4

A. Contact with relatives and friends

B. Spend time with same age group people

C. Visit to religious places

D. Invite his/her friends at home

E. Any other

Physical needs

A. Exercise

B. Balanced diet

C. Regular health checkup

D. Giving medicines on time

E. Any other

Q-25 Consumer rights

1/2x4+1/2X4=4

- A. Right to safety
- B. Right to information
- C. Right to choose
- D. Right to seek redressal
- E. Any other

Consumer responsibilities

- A. To check label
- B. To check standardized marks
- C. Demand bills ,receipts and guarantee cards
- D. Check cost and quality
- E. Any other

Q-26

1x4=4

- A. Family/Personal Factor- Social norms, Religion, Cultural belief and Festivals etc.
- B. Gender-weight, Hight, Nutritional needs etc.
- C. Likes & Dislikes-Taste, veg/non-veg etc.
- D. Weather- Availability of foods items, Nutritional requirement, etc.

Q-27

1x4=4

- A. Family income
- B. Numbers of family members
- C. Standard of living
- D. Skills of family members
- E. Any others

SECTION-(E)

Q-28 Any Five:-

1x5=5

- A. Stage of identity crisis
- B. Period of stress and storm
- C. Change in emotional maturity
- D. Drugs abuse
- E. Eating disorders
- F. Any other

Q-29

BREAKFAST

1+2+2=5

S.NO.	MENU	FOOD GROUPS	NUTRIENTS
1	Dal Methi Paratha	Pulses, Vegetable, cereal	Proteins, vitamins and carbohydrate.
2	Lassi	Milk & Milk Products	Calcium, Protein
3	Ghee/Oil for cooking	Ghee & Oil	Fats
4	Any other menu		

OR

DINNER

S.NO.	MENU	FOOD GROUPS	NUTRIENTS
1	Chapati/Rice	Cereals	Carbohydrate
2	Carrot-peas-Veg-	Fruits & Vegetables	Vitamins/Mineral
3	Red lentil Dal	Pulses & Legumes	Protein
4	Curd	Milk & Milk Products	Calcium, Protein
5	Salad	Fruits & Vegetables	Vitamins/Mineral
6	Ghee/Oil for cooking	Ghee & Oil	Fats
7	Any other menu		

Q-30 (Part-a)

1/2x6=3

- A. Try to remove fresh stains
- B. Check fastness of color of fabrics
- C. Select stains removal reagents as per fabrics
- D. Use dilute reagents to remove unknown stains
- E. Rub softly with circular motion
- F. Stubborn stains should be removed by dry-cleaning
- G. Any other

(Part-b)

1/2x4=2

- A. Wrap in muslin cloths
- B. Remove starch/ gum before storing
- C. Dry properly before storing
- D. Keep away from moisture
- E. Any other

Q-31 REASONS

1/2x5=2.5

- A. Absence of motivation
- B. Monotonous work
- C. Improper working place
- D. Lack of interest
- E. Continuous failure
- F. Any other

WAYS TO REDUCE FATIGUE

1/2x5=2.5

- A. Take rest
- B. Set small goals at a time
- C. Good working environment
- D. Change in routine
- E. Positive approach
- F. Any other

Q-32

1x5=5

- A. Active play- Cycling , swinging etc.
- B. Passive play- Watching TV, Listening Music etc.
- C. Natural Play- Throwing stones in water, playing with sand etc.
- D. Serious Play- Puzzles, Riddles etc.
- E. Exploratory Games- Dancing, Skating etc.