

CLASS XII HOME SCIENCE (064) MARKING SCHEME (2016- 2017)

OUTSIDE DELHI/69

- I. The Marking Scheme carries only suggested value points for the answers. These are only guidelines and do not constitute the complete answer. The students can have their own expression and if the expression is correct, the marks be awarded accordingly
- II. As per orders of the Hon'ble Supreme Court, the candidates would now be permitted to obtain photocopy of the Answer book on request on payment of the prescribed fee. All examiners/ Head Examiners are once again reminded that they must ensure that evaluation is carried out strictly as per value points for each answer as given in the Marking Scheme.
- III. All the Head Examiner/ Examiners are instructed that while evaluating the answer scripts, if the answer is found to be totally incorrect the (x) should be marked on the incorrect answer and awarded '0' marks.

1. Other than FSSAI, which Standard mark should you check while buying soyabean oil and milk powder? [1]

i. Soyabean oil- Ag mark

ii. Milk powder-ISI [1/2 X 2 =1]

2. List any two responsibilities of the Gram Panchayat under MGNREGA [1]

Responsibilities of Gram Panchayat

- i. Responsible for running the scheme
 - ii. Register the family under MGNREGA
 - iii. Give a job card.
 - iv. Provide work to the job card holder
 - v. Give unemployment allowance
 - vi. Ensures facilities at worksite - shade, crèche, drinking water and first aid [1/2X 2 =1]
- (Any two)

3. Inform the staff at the ICDS centre about the changes in daily needs of iron and calcium for pregnant women. [1]

i. Iron -35 mg or 21mg +14mg or +14mg


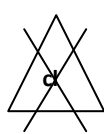

ii. Calcium – 1200 mg or 600mg+600mg or +600 mg [1/2X 2 =1]

4. Draw a symbol for label which indicates the quality and purity of a woollen sweater. [1]

Note: Wool mark has five strands/skeins on each side. No marks to be deducted for poor drawing.



5. Draw suitable symbols for a care label of a dress to indicate that it should be tumble dried and not to be bleached. [1]

- i)  ii)  Or  Or 
- Tumble dry Not to be bleached

[$\frac{1}{2}$ X 2 =1]

6. Mention any two indicators by which you will know the dress has not been cut along the selvedge[1].

- i. Poor drape
- ii. Dress hangs unevenly
- iii. Does not stretch widthwise
- iv. Uncomfortable to wear
- v. Lopsided print
- vi. Rides up
- vii. Ill-fitting

(Any two)

[$\frac{1}{2}$ X 2 =1]

7. Write four reasons as to why you do not want to buy a washing machine through the Internet. [2]

- i. Can not see working of the machine
- ii. May have technical fault/. Quality may be substandard
- iii. Size/color/features may differ than actual
- iv. Replacement may take time
- v. May become victim of fraud
- vi Warranty may not be stamped
- vii. Any other

(Any four)

[$\frac{1}{2}$ X 4 =2]

8. After studying child development, Mrs. Jain started a nursery school which is not doing well. Acquaint her with four ideas from her own expertise, implementation of which can help her extend her business thus income. [2]

- i. Open paid counseling unit for parents and children on school premises
- ii. Open tuition center for children after school hours
- iii. Open a crèche/ day care center
- iv. Provide more facilities (play material, swimming pool etc.) to attract parents
- v. Offer facilities for children with special needs
- vi. Organize summer camps
- vii. Write articles in newspapers/magazines on child care in spare time
- viii. Publicity of school through electronic and print media
- ix. Any other

(Any four)

[$\frac{1}{2}$ X 4 =2]

9. After retirement, Mr. Gupta is now staying at home with his family. He often gets angry with everybody in the family. What could be the two reasons for his anger? Suggest two ways by which he can control this emotion. [2]

Causes of anger-

- i. May feel lack of importance/respect
- ii. Change in life style
- iii. May have no income /reduced income
- iv. Unwillingness to adjust/ obstinate behaviour
- v. Feeling of worthlessness
- vi. Any other (Any two)

Suggestions to control anger

- i. Follow relaxation techniques(yoga, deep breathing , meditation etc)
- ii. Count upto ten before reacting
- iii. Keep oneself busy
- iv. Adopt leisure time activities/ hobbies
- v. Any other (Any two) [1/2 X 4 =2]

10. What could be the two possible conditions under which the Food safety and standard Authority of India (FSSAI) imposes fine on a shopkeeper selling mustard oil after declaring the oil as adulterated? List two health hazards of consuming such oils. [2]

Conditions for declaring the oil adulterated

- i. Mustard oil adulterated with argemone oil/mineral oil/rancid oil
- ii. Prepared under unhygienic conditions
- iii. Any other (Any two)

Ill effects of argemone oil

- i. Gastro intestinal disturbance
- ii. Swollen hands and feet(oedema)
- iii. Liver gets enlarged
- iv. Kidney/renal failure
- v. Blindness
- vi. Heart failure
- vii. Any other (Any two)

[1/2X 4 =2]

11. Other than buying fabric from a reputed shop and of a reputed brand , what four features would you check in the fabric, to ensure its good quality? [2]

- i. Twill/plain weave
- ii. High thread count
- iii. Mercerized /sarsforized finish
- iv. Warp and weft yarns are along the grain
- v. Uniform yarns
- vi. Uniform prints/not faded
- vii. Any other

(Any four)

[$\frac{1}{2}$ X 4 =2]

12. You are designing a dress for a six years old boy. You want that it should be comfortable and the child can wear and remove it himself. List four features of this dress which will ensure fulfillment of the above mentioned objectives. [2]

- i. Soft elastic at waist
- ii. Large front snap buttons/zips
- iii. Extra allowance at seams and hems
- iv. Adjustable straps
- v. No unnecessary strings
- vi. Correct size

(Any four)

[$\frac{1}{2}$ X 4 = 2]

13. In spite of boiling, the drinking water was declared unsafe. What could be the four possible reasons for this? [2]

- i. Not boiled for 10 mins
- ii. Heated below 100°C
- iii. Not strained
- iv. Not stored in clean place / container
- v. Unhygienic handling
- vi. Not covered
- vii. Too much of chemicals /pesticide than permissible

(Any four)

[$\frac{1}{2}$ X 4 = 2]

14. Sixteen-year-old Garima’s friend, Gunish wants to get physically intimate with her, against her wishes. If you were Garima, in what four ways would you have refused him? Give two reasons for your refusal. [3]

Ways to refuse:

- i. Say firm and clear "NO" without feeling sorry
- ii. Maintain distance from him
- iii. Move away from scene
- iv. Diffuse the situation by involving adults/others
- v. Any other

(Any four)

Reasons for refusal

- i. Danger of contacting sexually transmitted diseases/AIDS
- ii. She is under age
- iii. Her body is not yet fully developed to bear consequences of a sexual relationship
- iv. Social stigma attached to premarital sex/pregnancy
- v. Not being mentally ready
- vi. Any other

(Any two)

[$\frac{1}{2} \times 6 = 3$]

15. Suggest Sunil two ways of increasing his monthly income and convince him to record his monthly expenses. Suggest a suitable format for monthly record of his expenses [3]

Ways to increase monthly income-

- i. Part time jobs
- ii. Wise investments
- iii. Any other activity which generate cash.
- iv. Give portion of house on rent, if available
- v. Any other

(Any two)

Reasons for recording expenses-

- i. Becomes aware of wasteful expenditure
- ii. Money lasts throughout the month
- iii. Can use money judiciously
- iv. Can compare expenses with previous month
- v. Can compare prices of products/items of previous months
- vi. Any other (Any two)

Format for monthly record

Items	Week I	Week II	Week III	Week IV	Monthly Total	
Weekly Total						Grand Total

Note : 1 mark for format [1 + 1+1 =3]

16. Identify eight possible mistakes consumers make which may prevent them from filing a complaint in the consumer court. [4]

- i. Did not take authentic bill
- ii. Did not get warranty card stamped
- iii. Did not buy a product with standard mark.
- iv. Did not buy from authorised dealer
- v. Did not read instructions before reading the product
- vi. did not send registered AD to opposite party about the complaint
- vii. Did not file within two years.
- viii. Did not submit any affidavit to support her complaint
- ix. Did not approach the right forum
- x. Did not fill complete details like name address, etc
- xi. Did not pay fees
- xii. Was not aware of his\her consumer rights (Any eight) [1/2 X 8= 4]

17. Present eight important points you will keep in mind for maintaining hygiene in your kitchen.[4]

- i. Clean the clogged wire mesh,
- ii. Remove grime from the tube lights and fans
- iii. Remove grease from exhaust fan
- iv. Regularly clean all surfaces (tiles,counters,shelves/floors)
- v. Cover and line dustbins/ empty dustbins daily
- vi. Seal crevices /cracks
- vii. Spray insecticides periodically
- viii. Remove cobwebs
- ix. Clean drains and cockroach traps
- x. Any other (Any eight) [1/2 X 8= 4]

18. Twenty -year-old Meeta got a new job away from home in another town. Detail out two new responsibilities each that she has to take regarding her career and home. Also, state the preparation she would require to face this new situation. [4]

Responsibilities regarding career:

- i. Adjusting to new role and responsibilities
- ii. Getting along with co-workers
- iii. Balancing work and home
- iv. Any other (Any two)

Ways to cope:

- i. Educating herself on job responsibilities through training
- ii. Develop interpersonal and communication skills
- iii. Learn to co-operate
- iv. Be open to suggestions/ seek help
- v. Manage time efficiently
- vi. Any other (Any two)

Responsibilities regarding Home:

- i. Setting house
- ii. Managing her expenses within her income
- iii. Taking care of household chores
- iv. Any other (Any two)

Ways to cope

- i. Learn skills needed for household chores
- ii. Manage expenses within the income
- iii. Learn energy management/ use labour saving devices, etc.
- iv. Take help from outside, if possible
- v. Any other (Any two) [1/2 X 8= 4]

19. Rehana lives in Goa with her husband and children. Briefly explain any four factors which would influence her selection of foods. Convince her with four reasons to plan the meals for her family. [4]

Factors influencing selection of food

Note: All factors to be explained

- i. Religion –her choices would be influenced by her religion
- ii. Region –will select locally available food such as sea food
- iii. Climate-. Select foods according to the humid weather
- iv. Age- more protein , calcium , iron rich foods to suit needs of children
- v. According to likes and dislikes of all family members (Any four)

Reasons for planning meals

- i. Ensures nutritional needs of all members are met
- ii. Ensures variety within available resources
- iii. Ensures satiety
- iv. Keeps within budget
- v. saves time , energy , fuel
- vi. Any other (Any four) [1/2 X 8= 4]

20. "Two major problems faced by consumers are regarding quality and prices of the products." Elaborate this statement with the help of any four examples each. [4]

Note: Explanation with examples

Problems regarding quality of products

- i. Adulteration
- ii. Imitation of branded products
- iii. Selling substandard products
- iv. Selling loose items
- v. Fake standard mark used
- vi. Any other

(Any four)

Problem regarding the price of the products

- i. Prices are not fixed
- ii. Prices in two shops vary.
- iii. Shopkeepers charge more than MRP(Maximum Retail Price)
- iv. Sell loose items and charge any price
- v. Substandard/poor quality goods are sold for the price of good quality popular brands.
- vi. The cost of decorations , extra lights , air conditioners , are added in the price.

(Any four)

[$\frac{1}{2}$ X 8= 4]

21. After three months , when Reena took out her dress from the storage she found patches and holes in it. She was surprised to see the damage because she had removed the stains before storing it. Explain in detail eight probable reasons that might have caused this damage. [4]

Stain removal

- i. Used wrong chemicals
- ii. Used wrong procedure
- iii. Did not rinse all traces of chemicals

Storing

- iv. Did not remove starch/ gum
- v. Did not wash them before storing
- vi. Did not dry completely /did not keep them in dry place
- vii. Did not spray boxes with insecticide
- viii. Did not remove all pins before storing
- ix. Did not line storage box with newspapers.
- x. Any other

(Any eight)

[$\frac{1}{2}$ X 8= 4]

22. Compare any five features of Monthly Income Scheme(MIS) and National Savings Certificate(NSC).

[5]

Features	MIS	NSC
i. Interest	i. Less rate of interest or 7.8%	i. Higher Interest or 7.9% / 8.1%
ii. Max. Limit	ii. Limit of 4.5 lakh in single /9 lakh in joint account	ii. No limit of investment
iii. Time of Investment	iii. Money can be invested in multiple accounts over a period of time	iii. Investment to be done once in lump sum
iv. Minimum deposit	iv. Rs. 1500/-	iv. Rs. 100/
v. Interest Taxable	v. Interest taxable	v. Interest taxable
vi. Premature withdrawal	vi. Can withdraw money before 3 years with penalty	vi. Cannot withdraw before stipulated time.
vii. Tax rebate	vii. No tax rebate	vii. Tax rebate
viii. Loan Facility	viii. No loan facility given	viii. Can avail loan against it.
ix. Interest available	ix. Interest given on monthly basis	ix. Facility not available

(Any five differences)

[1 X 5 =5]

23. Identify any five emotional changes happening in adolescent girls. How do these changes influence their personality?

[5]

Expressions of following emotions and their influence

- i. **Mood swings-** emotionally unstable - sometimes sad/depressed/ and next minute cheerful / happy.
- ii. **Anger-** rebellious/ argumentative/ uncooperative/ aggressive.
- iii. **Curiosity –** Willing to experiment/ delinquent behaviour
- iv. **Jealousy-** Competitive / over possessive / develop inferiority complex / bully / destructive
- v. **Love and affection-** attraction towards opposite sex /experience crushes
- vi. **Worry /Fear -** become anxious/ lack confidence/ introvert / low self esteem

Note :Any five changes with explanation of its influence

[1 X 5 =5]

24. A family has been served moong dal, boiled rice , potato and carrot bhajia and chapati for lunch. Evaluate the adequacy of this meal to suit the requirements of a lactating mother and the suitability for a member suffering from diabetes. Support you answer with adequate reasons. [5]

Evaluation of the adequacy of meal for lactating mother

- i. Meal includes pulses, cereals and tubers, vegetables which meets the requirements of lactating woman for calories, protein and vitamin A.
- ii. It lacks fruits and green leafy vegetables which are important sources of folic acid, vitamin C and zinc for lactating woman .
- iii. Meal lacks milk hence does not meet her requirement for calcium,
- iv. Fats are not adequate
- v. nuts are not included (any three) [½ x3= 1½]

Reasons

Nutrients to be included in the meal	Reasons
Calcium	is required for milk secretion
Folic acid	Regeneration of RNA and DNA & blood cells
Vitamin C	Prevents infections , provides immunity
Zinc	To build immunity

(Any three reasons) [½ x3= 1½]

Suitability of meal for diabetics

- i. Diabetics patient needs a diet which is high in protein and low in carbohydrates . This meal has too much of carbohydrates(from three sources) which are high glycemic foods and will raise the blood sugar level.
- ii. There is no green leafy vegetables/Fibre which is important for diabetics
- iii. Fluids are also not adequate .
- iv. Any other (any two) [1 mark each]

[1x2=2]

[1½ +1½+2=5]

25. Usha wants to design a sari and a blouse for a working women. Explain how she can use all the principles of design in designing this dress. Use illustrations wherever needed. [5]

- i. **BALANCE (any one)**
 - **Informal balance** -Pallav balanced with stonework/embroidery on left shoulder/
 - **Formal balance** – Same embroidery/trimmings on both sleeves of blouse
 - Any other
- ii. **Rhythm –(any one)**
 - **Repetition** Pippings repeated at neckline, sari border
 - **Radiation**-Puff sleeves in blouse
 - **Gradation** of colours(light to dark)/ prints (small to big) on sari
 - **Parallelism**- Pleats of sari create natural rhythm
 - Any other
- iii. **Harmony/unity –(any one)**
 - Matching colour of blouse to sari background
 - Repetition of border / motif at sleeves/hem of blouse
 - Any other
- iv. **Proportion(any one)**
 - Embroidery on blouse is proportionate to size of the blouse
 - Print of sari pallav proportionate to the borders
 - Any other
- v. **Emphasis(any one)**
 - Embroidery on plain blouse / border on plain sari
 - Tassles / broach on blouse
 - Contrasting colours of blouse and sari
 - Dotted pleats and dotted blouse on plain coloured sari
 - Any other

[1 X 5 =5]
