

Home Science Marking Scheme
Class XII
Local / Delhi Region (Code 69/ 1)

1.

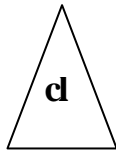
- i Elder sibling may have to drop out of school
- ii Elder sibling may have to sacrifice her childhood.
- iii May neglect the child
- iv Do not know how to handle emergencies.

(Any two)

[½x2=1]

2.

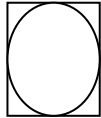
- i Bleach



or



- ii Tumble dry-



[½x2=1]

3. Language at One year

- i. One word sentence - One noun / one verb
- ii. Gestures(points)
- iii. Emotional expressions/facial expressions
- iv. Cries –sometimes (Any two)

[½x2=1]

4.

- i Higher rate of interest than savings account
- ii Can take loan against it.
- iii Interest is tax free.
- iv Inculcate habit of saving
- v Can invest small amount of money.
- vi Any other (Any two)

[½x2=1]

5.

- i Limbs become longer.
- ii Trunk longer
- iii Head is more proportionate to rest of body (less than $1/4^{\text{th}}$ of total body length)
- iv Hands fatter
- v Shoulders become squarish (Any two) [$1/2 \times 2 = 1$]

6.

- i Shrinks from contact.
- ii Cries.
- iii Clings to familiar person
- iv Runs away
- v Hides behind furniture/familiar person (Any four) [$1/2 \times 4 = 2$]

7. (Note: marks can be allotted either on factor or relevant example.)

- i Fibre length- eg Staple (coarse) or filament (smooth)
- ii Origin of fibre- /eg Silk (shiny) wool (coarse) cotton (smooth)
(Any other)
- iii Weave-- twill (diagonal lines) rib (raised effect), / satin (shiny)
(Any other)
- iv Finishes given- print/ color/ beetling/sand wash
(Any other) [$1/2 \times 4 = 2$]

8.

- i Gives grades to agricultural products and livestock
- ii Specify type of packing of products
- iii Ensures standard weight and measures
- iv Settles disputes
- v Issues licence. (Any two)

Two foods bearing Ag mark

eggs, tea leaves, fruits, vegetables, wheat flour, rice, pulses
ghee, butter, oil, spices, sugar, jaggery, honey, besan, meat
(Any other) (Any two) [$1/2 \times 4 = 2$]

9.

- i. Tries to promote fabric which fetches him more commission
- ii. Uses table to measure fabric
- iii. Uses defective measuring tape/rod
- iv. Stretches fabric while measuring it.
- v. Passes imitated fabric as pure
- vi. Sells substandard fabric.
- vii. Refuses to give fabric in small quantity.

(Any four)

[1/2 X4=2]

10.

- i. Parallelism pleats in sari
- ii. Repetition- same colour blouse or border of sari repeated in neckline/armholes of blouse
- iii. Radiation- puff sleeves
- iv. Gradation -flowers embroidery of big, smaller and smallest flowers of three sizes
- v. Alteration- alternate pleats of plain and print

(Any two)

[1 x 2=2]

11.

- i Stretchable
- ii Sturdy
- iii Wrinkle resistant
- iv Stain resistant
- v Absorbent ,
- vi Good conductivity
- vii Air permeability
- viii Easy to wash
- ix Any other

(Any four)

[1/2 X4=2]

12.

- i Pockets not deep enough
- ii Interlocking not done on seams
- iii Fabric of pockets not of strong material.
- iv Pockets not reinforced.
- v No allowance.
- vi Zip not of matching colour/ not sturdy/stitch.
- vii Waist band may not have enough loops for belt/ no allowance.
- viii Any other (Any four) [1/2 X4=2]

13.

- i. Hands not washed
- ii. Sneezes on food.
- iii. Has dirty nails/painted nails
- iv. Suffering from cold, boils/skin disease.
- v. Uses dirty utensils.
- vi. Does not clean any spills.
- vii. Does not cover/ empty dustbin
- viii. Use of contaminated water/unwashed vegetables.
- ix Any other (Any four) [1/2x4=2]

14.

- i Prepared under unhygienic conditions
- ii Contains excessive permitted colours
- iii Contains unpermitted colours
- iv Contains excessive permitted preservatives
- v Contains unpermitted preservatives.
- vi Apples are rotten/ insect infected
- vii Any other (Any four) [1/2 X4=2]

15.

- i Referral services
- ii Post natal care of mother and child
- iii Given supplementary foods
- iv Educated for breastfeeding, immunisation and weaning foods.
- v Educated about child spacing and contraceptives.
- vi Education for hygiene and sanitation of self and child

(Any four)

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

16.

- i Should not have used one strong application of chemical/ should have used several weak applications.
- ii Should have used the right chemical.
- iii Should neutralize the chemical.
- iv Should have washed the item in regular wash to remove all traces of chemicals immediately after removing the stains.

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

17. Reasons for storage

- i. Gets effected by carpet beetles/ moth
- ii. To keep away dirt and dust. (Any one) [1 mark]

Precautions to avoid damage

- i. Spray box with insecticide/ naphthalene/ neem leaves.
- ii. Line the box with newspaper.
- iii. Clean and dry before storing

(Any two) [$\frac{1}{2}$ mark each]

[$1+1=2$]

18.

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Weekly total
Quantity of Milk								

- i column of quantity [½ mark]
- ii list of all days (MON, TUE, WED, THU, FRI, SAT, SUN)- [1 mark]
- iii column of weekly total – [½ mark] [½+1+ ½= 2]

19.

- i Food and nutrition-, cater parties/, take cooking classes/any other
- ii Clothing and textiles – open boutique, design / print fabrics for shops/ any other
- iii Child development- open own school./ baby sitter / any other/ Home management- free lancer interior decorator/ open florist shop / small saving agent/ any other
- iv Extension education – open own ngo, write books, create advertisements (Any other) [½ X4=2]

(One example of self employment from any four fields)

20.

Benefits of using electric filter :

- i Removes suspended particles
- ii Removes chemical impurities
- iii Inactivates microorganisms
- iv Potable water is readily available (½ mark each)

Precautions for using electric filter

- v Change candle every 6 months,
 - vi Change carbon,
 - vii Get it serviced periodically
- (Any two) (½ mark each) [½x6=3]

21. Reasons for giving ORS during diarrhoea

- i Helps in maintaining mineral and electrolyte balance in body
- ii Prevents dehydration

How to make ORS at home

- iii 1 glass boiled cooled water
- iv 1 teaspoon sugar
- v Pinch of salt
- vi Lemon juice for taste (optional) [½x 6=3]

22.

Health hazards of kesari dal-

- i Stiffening and pain in knee and ankle joints
- ii Paralysis of limbs/lathyrism [½ mark each]

Foods adulterated with kesari dal:

- iii In powder form besan, yellow chillie powder,
 - iv In split form chana dal, arhar dal,
 - v In whole form- black bengal gram and whole masoor
- (Any two) (½ mark each)

Identification

- vi It is wedge shaped [1 mark] [1+1+1=3]

23.

Money income	Real income
Flow of cash(½ mark)	Flow of goods and services(½ mark)
Ways to increase money income	Ways to increase real income
i Give house on rent and earn cash ii Sell assets at profit iii Put money in high investment schemes and earn interest (Any two)	i. Live in own house and save on rent ii. Grow vegetables in own vacant land and save on vegetables iii. Car pool (Any two)
(Any other example of assets)	

[½x6=3]

24. Reasons for choosing PPF and not MS

Public Provident Fund	Monthly income scheme
i Rate of interest is higher	i Rate of interest is lower .
ii Flexibility in depositing money can invest in lump sum or in installments	ii Have to deposit in lump sum
iii Interest is tax free.	iii Interest is taxable.
iv Premature withdrawal allowed	iv Premature withdrawal allowed at a penalty.
v Take loan in 3 rd year	iv No loan facility.
vi Get tax rebate	v No tax rebate.

[½x6=3]

25.

Social

- i Imitates gestures/simple acts
 - ii Refrains from doing things when told 'no'
 - iii Show interest in adult activities
 - iv Still afraid of strangers
- (Any two)

Motor

- i Walk independently
 - ii Climbs stairs on knees
 - iii Climbs down stairs backwards
 - iv Builds blocks of 2 cubes
 - v Any other
- (Any two)

Cognitive

- i Imitates behaviour differently
 - ii Repeats actions- varies responses- fold, tear paper
 - iii Advanced understanding of object permanence
 - iv Any other
- (Any two)

[1/2x6=3]

26. Symptoms

- i. Rash starts behind ears and forehead,
 - ii. White rash on red base(kopliks spots)
 - iii. Photophobia,
 - iv. Rash turn blotchy after 2-3 days
- (Any three)

Aftercare

- i Isolate patients
- ii Complete bedrest
- iii Dim light in room
- iv Maintain hygiene
- v Disinfect soiled articles of patient.

[1/2x6=3]

27.

Psychological needs:

- i Encourage and support/ constant reassurance
- ii Acceptance- need to be trained to accept their disability.
- iii Sensitize other children
- iv Counsel the child and others
- v Involve the child in discussions, class activities
- vi Encourage to be independent.
- vii Any other

Educational needs:

- i Teacher should talk facing the whole class /she should not turn her back and talk
- ii Teacher should stand still while talking
- iii Speak normally -not use exaggerated mouth movements
- iv Make the child sit in the front seat at one end.
- v Write instructions on board clearly,/ use projectors,/ attractive charts.
- vi Should maintain six feet distance from the child Do not stand too far or too close to the child
- vii Introduce new vocabulary both in writing and orally.
- viii Use sign language along with lip movements.

(Any four)

[1x4=4]

28.

- i Should complain within two years of purchase
- ii Send registered AD to opposite party stating his complaint
- iii Fill in prescribed form- write name and description, address of complainant
- iv Write name and description, address of opposite party/ company
- v Write facts relating to complaint- when, where it arose
- vi Attach copy of bills, copy of registered AD sent to opposite party conveying the complaint
- vii State the relief sought by complainant
- viii Attach an affidavit stating contents to be true and submit in appropriate forum and pay fees.

[1/2x8=4]

29.

Cottons	Woolens
i No outline needed	i Outline on paper
ii Soak before washing	ii Do not soak, before washing
iii Can use any soap,	iii Mild alkali soap/reet ha nut
iv Can use hot/cold water,	iv wash in luke warm water,
v Use friction method,	v Kneading and squeezing method
vi Starched,	vi Not starched
vii W rung,	vii Not wrung,
viii Hanged for drying	viii Dry flat/not hung,
ix Dry in sun	ix Dry in shade
x Ironed with hot iron	x Steam press/ moderate iron

(Any four differences)

[$\frac{1}{2} \times 8 = 4$]**30. Analysis of the meal**

Present meal is deficient in protein, folic acid, iron and roughage.

OR present meal does not have any fruits, green leafy vegetables and pulses/ meat products (2 marks)

SUGGESTIONS : (add any protein source to either of item in the menu/ e.g, pulse, egg soyabean nuggets / sprouts /any other)

Add any green leafy vegetables to either of the items in the menu e.g methi, coriander leaves for iron/ folic acid/roughage /any other

Add any fruit e.g anar for iron) any other (2 marks)

VERY IMPORTANT NOTE:

- i. Any other individual response with suitable justification should also be accepted even if there is no reference to the text.**
 - ii. The examiners should acquaint themselves with the guidelines given in the guidelines given for spot evaluation before starting the actual evaluation.**
 - iii. Every examiner should stay up to sufficiently reasonable time normally 5-6 hours every day and evaluate 20-25 answer books and should devote minimum 15-20 minutes to evaluate each answer sheet.**
 - iv. Every examiner should acquaint herself with the marking scheme.**
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