

**Question Paper 2010 Outside Delhi
CBSE Class 12 Home Science (Theory)**

General Instructions:

- All questions are compulsory.
- Marks for each question are indicated against it.
- Read each question carefully and answer to the point.
- All parts of a question should be attempted together.

1. What could be two possible reasons for PFA to fine a shopkeeper selling Khoya Burfi (sweet-meat)? (1)

Ans. i Contains unpermitted colours.

ii Prepared/ kept in unhygienic conditions.

iii Made from stale khoya

iv Made from adulterated khoya / milk used

v Made from synthetic khoya/milk

2. Gagan has diarrhoea for two weeks and has been advised to have liquid diet. Suggest any two suitable dishes for him. (1)

Ans. Clear soups. egg nog, lassi/butter milk. nimbu pani, whey water, any other.

3. The weight of a newborn child is 2 kg. Predict his weight at the age of five months and two years. (1)

Ans. i) At 5 months -4 kg / doubles at five months

ii) at 2 yrs- 8 kg / 4 times at 2 yrs.

4. Present two indicators to judge that two-year-old Aman has language abilities similar to normal children. (1)

Ans. i Uses telegraphic speech / two word sentences

ii Uses nouns and verb.

5. Mention two important ingredients for making a soap. (1)

Ans. i Alkali/caustic potash, caustic soda.

ii Animal/ vegetable fat./mahua/ coconut or any other oil

iii Sodium/potassium salts or fatty acids.

iv Starch

6. Sudha is designing a salwar suit for a woman who has fat arms. How will you make sure that she has shifted emphasis away from the arms and created harmony in the dress? (2)

Ans. Emphasis

i. Embroider along the hem/ neck - to shift attention away from arms

ii. Do not embroider in arms

iii. Full Sleeves

iv. Use combination colours in sleeves and bodice so that arms do not get emphasized. do not use contrasting colours on arms and bodice

v. Any other {Any two}

Harmony:

i. Use duppata with same print and colours as the shirt and salwar.

ii. Align print of sleeves and bodice.

iii. Any other

7. Mrs. Verma is satisfied with the drape of her new kurta. State four points about drape which have contributed to her satisfaction. (2)

Ans. Check the following

i. It does not ride up.

- ii. It fits on the shoulder.
- iii. Darts/seams fall evenly.
- iii. Pattern is in centre not off grain.
- iv. No puckering at joints / armhole

8. You are using a chemical to remove stains from your dress. What four important precautions would you keep in mind while using it on the fabric? (2)

Ans. i Test the chemical in hidden corner of the fabric to check effect of chemical

ii Do not use one strong application of chemical/ Use several weak applications.

iii Use the right chemical suitable for fabric / stain

iv Rinse one chemical completely before using another.

v Neutralize acid reagents with an alkaline rinse all alkaline reagents with acidic rinse.

vi Rinse all traces of chemicals immediately after removing the stains {Any four}

9. In what four ways can you use the skills learnt in Home Science in your daily life? (2)

Ans. Skills learnt in Home science

i Cooking - make nutritious / low cost meals.

ii Stitching / repairing / decorating.

iii Taking care of clothes

iv Interior decoration

v Taking care of home.

vi Wise buying / consumer awareness.

vii Time and money management.

viii Any other

10. State four precautions to be adopted while storing woollen coats for a long time. (2)

Ans. i. Wash/dry clean them before storing.

ii. Box should be dry

iii. Empty all pockets.

iv. Spray boxes / cupboards with insecticide

v. Line cupboards with newspaper.

vi. Put naphthalene balls or any other insect repellent.

vii. Any other.

11. Give two possible reasons for a nine-month-old child to feel afraid. In what two ways may he express this emotion? (2)

Ans. Reasons:

i. Dark room

ii. Left alone

iii. Sudden displacement

iv. Loud noises

v. Lightening

vi. Seeing strangers

vii. Sudden -appearance of any object / animal {Any two}

Reactions:

i. Cries

ii. Hides face.

iii. Tries to pull as far as possible from source

iv. May get rooted to spot.

12. Mrs. Lal is not satisfied with the safety measures of her child's creche. State four important points she should tell the owner of the creche to attend to so as to improve its safety. (2)

Ans. i. Fence the boundary

iii. Put railing on balcony and stairs

iii. Put grill on the windows

iv. Provide safe toys

v. Cover pot holes

vi. Have even ground

vii. Have trained staff to handle emergency.

13. One of the main objectives of ICDS is to improve health and nutrition status of children. Report four activities of ICDS which helps to fulfil this objective. (2)

Ans. i. Supplementary feeding

ii. Vaccinations

iii. Growth monitoring

iv. De worming

v. Promoting breast feeding

vi. Mother educated for child care

14. "Meal planning of a family is influenced by its resources." Support this statement with the help of four different examples. (2)

Ans. i. If have less money plan low cost dishes

ii If less time- plan dishes which can be prepared quickly

iii If less energy- plan meals which are easy and quick to make.

iv Use seasonal vegetables

v Equipment- if have an oven will plan baked dishes

vi Skills - if know how to prepare tandoori chapatti will include it in the meal planning to have variety

(Any other example for each resource)

15. Name any two diseases caused by drinking polluted water. Give two precautions each you would adopt while using alum and chlorine tablets to make this water potable. (3)

Ans. Diseases

i Cholera.

ii Diarrhoea.

iii Typhoid

iv Hepatitis

v Any other {Any two}

Alum

i Use in appropriate proportions

ii Let suspended particles settle before pouring it out/Carefully pour clean water without disturbing the base.

Chlorine tabs

i Keep in cool place away from moisture.

ii Use according to dirt and amount of water in proportionate amounts.

iii Allow 10 mins per tablet to react before using water

16. List one adulterant each commonly found in mustard seeds and sunflower oil. Mention two health hazards of each adulterant. (3)

Ans. Adulterants

i. Mustard seeds-argemone seed

ii. Sunflower oil-mineral oil

iii effect of agrimonies Gastro intestinal disturbance.

ii Swollen hands and feet.

iii Liver gets enlarged.

iv Kidney/renal failure.

v Blindness.

vi Heart failure

vii Dropsy

III effects of mineral oily Gastro intestinal disturbances

ii Diarrhoea

iii Interferes in absorption of fat soluble vitamins

17. Suggest six important behaviours you would insist in your cook to ensure your kitchen to be insect-free. (3)

Ans. i. Put wire mesh at windows

ii. Fit cockroach traps on drains

iii. Spray insecticides periodically

iv. Use Insect/ fly trap/ pest of flash.

- v. Do not leave dirty utensils at night in the sink
- vi. Store ingredients in air tight boxes
- vii. Keep cooked food covered
- viii Cover and line dustbins
- ix. Empty dustbins daily/ keep clean,
- x. Ensure proper light and ventilation
- xi Keep kitchen clean
- xii Any other

18. Write three reasons for supplementing your family income and three different ways of increasing your psychic income. (3)

Ans. Reasons for supplementing your family income

- i. Inflation
- ii. Increase in demands of family
- iii. Increase in standard of living
- iv. For secure future
- v. To achieve family goals, {Any three}

Three ways to increase psychic income-

- i. Manage to bargain prices and get heavy discounts,
- ii. Buy from reputed and fixed price shop,
- iii. Buy a good quality machine which lasts a long time/ buy product from reputed reliable shops.
- iv. Get television repaired after which it is working perfectly / Get goods serviced from

reliable service centres.

v. Any other example {Any three}

19. What are the six drawbacks of not maintaining a record of household expenses? (3)

Ans. i Will not know exact amount of money available to family

ii Leads to wasteful expenditures

iii May get overcharged,

iv Money may not last throughout the month,

v Money may be spent unsystematically

vi No records -do not have anything to refer from the past.

vii Any other

20. List four reasons due to which consumers face the problem of lack of information. Mention their two rights in this context. (3)

Ans. i. Labels may not give complete information on all the above aspects.

ii. Leaflets are not always available

iii. The print may be blurred, very small or overlapping.

iv. The leaflets are mostly out of print. If available at all, they are not written in local language or has crammed information which make it impossible to read them.

v. Misleading advertisements.

vi. Any other {Any four}

RIGHTS:

1. Right to information:

2. Right to consumer education

3. Right to redressal

21. Your brother is going to play hockey this summer. What six features would you look for in the fabric and in the design of clothes, while buying clothes for him? (3)

Ans. i. Good conductivity.

ii. Air permeability.

iii. Absorbent.

iv. Stretchability,

v. Stain resistant,

vi. Easily washable.

vii. Light weight

viii. Any other

22. Cheena is six months old and very much on time with her age level developments. Which two social, motor and cognitive abilities each will she be able to achieve in the next three months? (3)

Ans. Social

i. Attached to mother,

ii. Pulls hair / becomes more aggressive.

iv. Differentiate angry /friendly voices,

v. Stranger anxiety. (any two)

Motor:

i) Stand upright with support.

ii) Crawl on stomach, hands and feet.

iii) Grasp things. (any two)

Cognitive:

- i) Actions more purposeful
- ii) Enjoys games like peek a boo
- iii) Solve simple problems
- iv) Anticipates events
- v) Imitates behaviour

23. Sudha finds that her child is suffering from rash on the back of the ear and fever. Mention two more specific symptoms to her to be able to identify the disease. Name the disease and tell what should Sudha do now and why. (3)

Ans. Disease

- i. Measles

Symptoms

- ii. Sneezing/running nose
- iii. Photophobia
- iv. Rash is small white spots over red base
- v. Rash appears on forehead and all over the body.
- vi. Rash turns blotchy/ brownish (any two)

After care with Reasons:

1. Care and proper rest so that there is no complication.
2. Isolate so that others do not catch the disease.
3. Keep dim light as it irritates the eyes.
4. Give light and less spicy food so that food is easy & digest and does not

irritate the system.

5. Any other

24. Rehman is hard of hearing and is studying in regular school. For performing well in school give him eight suggestions for asking help from teachers and his classmates. (4)

Ans. Educational needs:

Teacher can:

i. Teacher should talk facing the whole class /she should not turn her back and talk.

ii. Provide hearing aids.

iii. Speak normally not use exaggerated mouth movements

iv. Make the child sit in the front seat.

v. Write instructions on board clearly, use projectors, attractive charts.

vi. Should maintain six feet distance from the child.

vii. Introduce new vocabulary both in writing and orally.

viii. Sensitise other children.

ix. Organise activities in which he can participate.

x. Any other

25. Why do adolescent girls need high intake of calories, calcium, protein and iron in their diet? Give two reasons for each. (4)

Ans. Calories

i. Period of rapid growth

ii. Involved in strenuous exercise

iii. Greater metabolic rate {Any two}

Proteins

iv. Increase in height and weight

v. Development of body mass

vi. Sexual maturation

vii. Hormonal changes {any two}

Calcium

viii Development of skeletal system

ix For good appetite

x For even development of body {any two}

Iron

xi Increase in blood volume

xii Monthly blood loss due to menstrual cycle.

26. Outline the steps of laundering a silk saree. (4)

Ans. Outline eight steps of washing silk.

i. Do not soak

ii. Use only mild soap/detergent or reetha nut solution

iii. Use cold water.

iv. Use only light pressure (kneading and squeezing)

v. Rinse all traces of soap with cold water.

vi. Add vinegar drops in last rinse for shine and gum for stiffness.

vii. Squeeze gently/ wrap in towel and press to drain water.

viii Dry in shade.

ix Iron with moderate hot iron when still damp dry.

27. Reena wants to file a case in a consumer court against a company. Guide her to file the complaint. Specify the time period for filing the complaint and for the case to be settled. (4)

Ans. i. Name and description, address of complainant

ii. Name and description, address of opposite party/ company

iii. Facts relating to complaint - when, where it arose

iv. Bills, copy of registered AD sent to opposite party conveying the complaint

v. Relief sought by complainant

vi. Affidavit stating contents to be true.

Time for filing

viii. Within two years of purchase

ix. Case to settle- 3 months/ 90 days.

28. Differentiate between Public Provident Fund and Employees Provident Fund schemes of investment. (4)

Ans.

Public Provident Fund	Employees Provident Fund
i) Anyone can invest in it	i) Only salaried persons can invest
ii) Rate of interest is 8%	ii) Rate of interest is 8.5%
iii) Flexibility in depositing 70000/per annum in not more than 12 installments or	iii) Every month cut from salary

can invest in lump sum spread over a year	
iv) Limit is 70,000/-	iv) 12% of basic salary, more amount can be deducted from salary, if requested
v) Whole amount contributed by person	v) Partly contributed by employer towards the fund.

