

INTERNATIONAL TEACHERS TRAINING COLLEGE

2014 MS

P1 HOME SCIENCE

Mock 1

February 2020

MARKING SCHEME

PRIMARY TEACHER EDUCATION

HOME SCIENCE

MARKING SCHEME

(CONFIDENTIAL)

This marking scheme consists of 9 printed pages.

SECTION A (60 marks)

1. Definition of term Bulimia

Bulimia is an eating disorder in which a person overeats and then induces vomiting because of fear of becoming fat.

Well defined 1 mark

2. Functions of Riboflavin / vit B2

- Necessary for release of energy for use
- Promotes growth in children
- It promotes a healthy skin
- Improves and maintains appetite

Any 3 x 1 3 marks

3. Additives commonly used in canned convenience foods.

- Salt
- Sugar
- Acid medium / vinegar
- Food colour
- Preservatives
- Flavourings

Any 4 x $\frac{1}{2}$ = 2 marks

4. Reasons for cakes sinking in the middle while baking

- Over creaming of ingredients
- Use of too much liquid
- Oven door opened before setting of the cake

Any 2 x 1 = 2 marks

5. Benefits of using a pressure cooker for cooking

- Saves time
- Saves fuel
- Food value and flavour are retained

Any 2 x 1 = 2 marks

Reasons why the use of food supplements has become popular

- Degradation of nutritional content of food due to processing
- Lower nutrient concentrates due to use of hybrid crops
- Poor eating habits
- Continuous use of drugs
- Chronic diseases due to increase in environmental pollution

Any 3 x 1 = 3 marks

7. Conditions necessary for proper play to a child

- Plenty of space/room
- Independence to allow creativity
- Availability of enough play items
- Proper dressing
- Safe and secure environment

Any 3 x 1 = 3 marks

8. Identifying signs and symptoms of cholera

- Profuse diarrhoea
- Violent vomiting
- Dehydration
- Fever

Any 3 x 1 = 3 marks

9. Physical changes that requires doctors attention when taking care of the sick at home

- Very high fever
- Blood in stool or urine
- Persistent pain in any part of the body
- Unconsciousness
- Breathlessness
- Absence or reduced volume of urine
- Persistent diarrhoea and vomiting
- Inability to eat

Any 3 x 1 = 3 marks

10. Vaccines a baby should be given in the first six months of life

- OPV
- BCG
- DPT

Any 2 x 1 = 2 marks

11. Reasons for the occurrence of the following common problems during pregnancy

	PROBLEMS	REASONS
(i)	Vaginal bleeding	(i) Threatened miscarriage
(ii)	Feeling tired	(ii) - Anaemia - Baby too big/multiple babies
(iii)	Oedema	(iii) - Toxemia - Poor circulation of blood

3 x 1 = 3 marks

12. Disadvantages of renting a house

- Rent may be increased abruptly
- One can not do any renovations
- Maybe asked to leave when not prepared

Any 2 x 1 = 2 marks

13. Ways of drying brooms and brushes

- Hanging
- Placing them upright on their handles
- Placing the head by the side

Any 2 x 1 = 2 marks

14. Reasons for disposing refuse appropriately to:

- Avoid bad smell
- Keep away flies/pests
- Make the surrounding clean/neat
- Avoid accidents from refuse like broken bottles
- Discourage breeding of pests

Any 3 x 1 = 3 marks

15. Factors to consider when buying an electric cooker

- Should have sufficient number of surface units
- The knobs should be well fixed
- There should be available space for storage
- Should have a guarantee
- Should be affordable
- Electric cables should be well insulated

Any 3 x 1 = 3 marks

16. **Differentiating between dusting and wiping a surface**

- Dusting is the removal of loose dirt on the surface using a dry cloth while wiping is the removal of fixed dirt using a wet cloth.

Well differentiated = 2 marks

17. **Advantages of a well planned kitchen area**

- Decreases the amount of time used when working in the kitchen
- Increases efficiency due to smooth running of tasks

Any 2 x 1 = 2 marks

18. **Definition of the term "detergent" .**

- This is a substance that aids in the removal of dirt from surfaces and articles.

Well defined 1 mark

19. **Types of patches used in the repair of tears on an article**

- Calico patch
- Print patch
- Decorative patch/Appliqué.

Any 2 x 1 = 2 marks

20. **Steps in the removal of chewing gum stain from articles**

- Give cold treatment
- Scrap off the chewing gum
- Treat with grease solvent
- Wash normally

Any 3 x 1 = 3 marks

21. **Ways of identifying textile fibres**

- Burning test
- Microscopic test
- Chemical test
- Physical touch/feel

Any 3 x 1 = 3 marks

22. Methods of controlling fullness at the crown of a sleeve

- Gathers
- Darts
- Pleats
- Easing

$4 \times \frac{1}{2} = 2$ marks

23. Uses of a thimble in needlework:

- To push the needle through the fabric
- To protect the middle finger from needle pricks

Any 1 x 1 = 1 mark

24. Advantages of using nylon for making umbrellas. It is:

- Strong
- Shrink resistant
- Crease resistant
- Not absorbent/ water repellent
- Not affected by mildew.

Any 3 x 1 = 3 marks

25. Reasons for blending natural fibres with artificial fibres. To:

- Improve their strength
- Make them more crease resistant
- Give them a good drape
- Make them shrink resistant
- Give them weight

Any 3 x 1 = 3 marks

SECTION B (40 marks)

26. (a) (i) **Preparations you would make before the visit to the Horticulture Farm:**

- Inform the parents about the visit
- Inform the school administration about visit
- Prepare a questionnaire to guide learners
- Inform other staff members whose lessons will be affected by the visit
- Inform the learners on the rules and regulations of the farm

Any 4 x 1 = 4 marks

(ii) **Ways of maintaining class discipline during the visit**

- Ensure proper use of the questionnaire
- Divide learners in manageable groups with group leaders
- Teacher to give a captivating introduction
- Teacher must be with the learners throughout the visit

Any 3 x 1 = 3 marks

(b) **Other methods that can be used to teach the same topic**

- Oral questions and answers
- Discussion
- Project
- Demonstration

Any 3 x 1 = 3 marks

(c) **Follow up activities for the learners on the visit**

- Make short notes from the questionnaire
- Collect and display different vegetables and fruits
- Answer oral questions
- Answer a written quiz
- Demonstrate preparation of vegetables
- Use of internet to search on nutritional value and other unique vegetables

Any 4 x 1 = 4 marks

(d) Advantages of using a farmer as a resource person

- He has first hand information on the topic
- It breaks classroom monotony
- It motivates the learners
- It prepares learners for future career in horticulture
- It provides learners with broader understanding of the topic
- It links learners with the community

Any 4 x 1 = 4 marks

27. (a) Limitations of using discussion method

- Fast learner may dominate the discussion
- Slower learners may feel inadequate and withdraw from the discussion
- If the group leader / teacher is not firm the discussion may be disorganized
- It may be difficult to achieve maximum participation if the class is large
- Lack of previous knowledge on the topic may hinder active participation of the learners
- Language problem may make some learners shy from taking part in the discussion
- Negative teacher reinforcement may affect some learners confidence and participation in the discussion

Any 4 x 1 = 4 marks

(b) Ways of concluding this lesson

- Asking oral questions
- Going over the main points of the lesson / summarize
- Giving a written assignment / homework

(c) Details an effective teacher fills in a record of work after the lesson

- Topic / Subtopic / Work covered
- Date
- Week
- Attendance
- Remarks/ Comments
- Class taught
- Resources

Any 6 x $\frac{1}{2}$ = 3 marks

(d) **Other ways of effective classroom organization**

- Display of teachers resources e.g. charts
- Proper arrangement of desks
- Create centres of interest / book corner / curiosity table etc.
- Display of learners work

Any 3 x 1 = 3 marks

28. (a) (i) **Skill objectives for this lesson. By the end of the lesson, the learner should be able to**

- Dust correctly
- Use warm soapy water
- Scrub along the grain
- Remove any stain appropriately
- Wipe and store correctly

Any 3 x 1 = 3 marks

(ii) **Learning resources to be used during this lesson.**

- Chopping board
- Warm water
- Cold water
- Detergent
- Pieces of cloth
- Scrubbing brush / maize cob / scouring pad
- Water containers / basins / buckets

Any 6 x $\frac{1}{2}$ = 3 marks

(b) **Methods of evaluating this lesson**

- Grade the cleaned chopping board
- Ask oral questions
- Give written quiz

Any 2 x 1 = 2 marks

(c) **Reasons for clearing the working area after the practical. To ensure:**

- Cleanliness of equipment ready for the next lesson
- Proper storage of equipment and materials
- Proper maintenance of equipment
- Cleanliness of the working area / surfaces

Any 2 x 1 = 2 marks