**THE MARKING SCHEME 441**

**FORM ONE**

**FORM ONE HOME- SCIENCE THEORY TERM 2**

1. State three dangers that may arise due to misuse of cosmetics (3mks)

* Can cause irritation to the skin
* Long term use can quickly age the skin or damage it.
* Can weaken the skin
* Those that contain mercury and hydroguine can cause damage on the user’s internal organs.

1. What is plague (2mks)

* A sticky substance which form on teeth surface form combination of saliva and food residue.

1. Identify points to consider when choosing a tooth brush. (3mks)

* Moderately stiff bristle and rounded tips/ heads to avoid injuring gums.
* Handle should be convenient in length.
* Should be of a reasonable cost.
* Shape should facilitate cleaning all the teeth on the outside, inside and in between.

1. List two ways of preventing the spread of dandruff (2mks)

* Using disinfected shampoos and hair oils.
* Avoid sharing combs and head gears.
* Clean and disinfect combs and hair brushes regularly

1. State three aims of first aid (3mks)

* To save life
* To prevent infection
* To prevent further injury
* To reduce pain
* To promote recovery
* To prevent excessive loss of blood.

1. Suggest three things to avoid when choosing cloths for a full figure (3mks)

* Avoid large patterned fabric, they exaggerate one size.
* Avoid wearing belts as they break the long line – if the design of the garment includes a belt, have it narrow and of the same Colour as the garment.
* Avoid clothes made of fluffy or bulky fabrics they tend to exaggerate the figure.
* Avoid too much jewellery.
* Avoid bright colors
* Avoid tight fitting outfits – they show bulges and extra culves

1. State two ways in which hands are cared for (2mks)

* Keeping nails clean and short.
* Avoid handling infectious clothing with bare hands
* Applying proper hand oil after bathing
* Avoid exposing hands to strong heat or extreme cold.
* Use clean hands regularly especially after handling dirt or visiting the toilet

1. Differentiate the two kinds of fractures (2mks)

* Open compound fracture is where the bone breaks into small pieces and can even pierce through the skin while closed/ simple is where the bone cracks and can only be seen on an x-ray.

1. State three advantages of using terrazzo as a material used in construction (3mks)

* Non slippery and thins safe on floors which are often wet. Bathrooms, kitchen etc.
* Are often wet; bathrooms kitchen etc.
* It’s durable.

1. Mention three factors to consider when planning a kitchen placement in a house. (3mks)

* Should have access to the dining room and food store.
* Should be accessible form the main door without passing through the living room.
* Should not be near the toilet/ bathroom.
* Should not be near bedroom

1. What is rice in sprain treatment (2mks)

* It’s a procedure which is used for the treatment of sprains and other soft tissue injuries

1. State two categories of dirt (1mk)

* Loose dirt
* Fixed dirt

1. List three methods of removing loose dirt from surface (3mks)

* Sweeping
* Dusting
* Wiping
* Suctioning

1. Outline any three disadvantages of semidetached maisonettes (3mks)

* Do not provide adequate privacy.
* Not easy to demolish or extend the house at one will
* House hold pest can crawl easily from one house to the next.
* Danger of fire spreading form neighboring houses
* Noise form the neighboring housed can be disturbing if walls are not sound proof.
* Can pose danger for the elderly and children because of stairs

1. State any two uses of bleaches (2mks)

* Remove stubborn stains from clothes and surface
* Whiten white clothes.
* Can be used to disinfect clothes and sanitation area.

1. What is serving hatch in a kitchen (2mks)

* A small window on the wall separating the kitchen and dining room used for serving food

1. Mention two vegetable fibers used to make brooms and brushes (1mk)

* Bass
* Bassive
* Coconut palm
* Sisal

1. List two types of vacuum cleaners (2mks)

* Upright suction cleaner
* Cylindrical suction cleaner
* Round suction cleaner

1. Explain the following types of kitchen plan.
2. The one well plan (2mks)

* The work centres are arranged in arrow.

1. The U- plan kitchen types (2mks)

* Equipment are arranged along three walls they forming a U- shape.

1. List 3 methods of providing family shelter (2mks)

* Building a house
* Buying a house
* Renting a house

1. Outline 5 disadvantages of buying a house (5mks)

* Affordable house may be in a hostile neighborhood.
* Plan of the house may not be to one’s satisfaction.
* If old it may need major renovation which is expensive
* It may be built in disputable land
* It may be built on poorly drained land.
* Building material used may be of inferior quality
* Buyer may not know the problems that the house may have
* If purchased on mortgage it does not belong to you until its paid in full

1. State 8 factors that influence the frequency of cleaning a house (8mks)

* Season of the year; during dry season there is a lot of dust and a lot of mud during the wet season.
* The location of the house- it could be in a dusty are.
* The nature of occupants – house with children requires more frequent cleaning than with adults only.
* Nature of the house – rough surface collect more dust than smooth so they need frequency cleaning.
* Time available for cleaning- a person with more time at home will clean the house move frequently than the one with less time.
* Size of the house – small sized house with many occupants may require more cleaning than more spacious house
* Purpose of the room/ house a kitchen will require more cleaning than other rooms.

1. What is scrubbing (2mks)

* Removal of fixed dirt from surface by friction using a scrubbing brush, water and detergent.

1. State the uses of the following types of brooms and brushes. (8mks)
2. The sweeping broom.

* Sweeping for floors has soft bristles

1. The compound broom.

* Sweeping the compound has hard bristles

1. The hand brush

* Used to sweep dirt into the dustpan after sweeping

1. The scrubbing brush

* For the removal of fixed dirt on surface

1. The clothes brush

* For brushing off dust and form clothes

1. The toilet brush

* For cleaning stains form the toilet bowl.

1. The bottle brush

* For cleaning bottle ie able to reach the furthermost corner

1. The cobweb brush

* For removing cobwebs form ceiling and walls

1. Mention the factors to consider when choosing the position of the following rooms.
2. Living room (4mks)

* Should be accessible form the main entrance
* Have enough natural light and well ventilated
* Should have adequate space.
* Should be accessible to toilet

1. Bed room (5mks)

* Should be away form noisy areas
* Should provide enough space
* Offer privacy
* Provide maximum comfort
* Should be located near bathroom and toilet

1. State and explain 5 reasons for cleaning a house (10mks)

* It promote good health for the dwellers
* It removes dirt and dust and diseased causing agent therefore minimizing the spread of disease
* Prolongs the life of articles / surface
* Cuts down on costs of expensive materials
* Helps to maintain and improve on its appearance.
* A clean house is pleasant and comfortable place

1. Points to bear in mind when buying land for family house(10mks)

* Should not be too far form social amenities eg work place access to the road and school.
* The value of the land should be word the price
* The cost should be within the family financial means
* Ensure the neighborhood is secure enough by knowing the nature of the people living around.
* The land should be well drained should not flood during the wet season
* Ensure the soil is easy sand cheap to manage by avoiding black cotton soil which is unstable, cracks during the dry season and becomes water logged during wet season