

L29 A:- Cleaning and cleaning materials

Keywords

Polishing	Disinfecting	Rearranging	Dusting	Shaking	Beaten
Abrasives	Alkalis	Solvents	Metal polish	Copper cleaner	Reagents

Intext Questions

Intext Questions 29.1

- Match the methods of cleaning given in Column A with the procedure given in Column B.

Column A	Column B
i. Mopping ii. Sweeping iii. Dusting iv. Polishing v. Shaking vi. Washing	a. beat an article to remove dust b. wipe with dry cloth c. scrub with broom and water d. dust carried with broom e. wipe with wet cloth f. rub to bring shine g. scrub with a broom

Answer:

Column A	Column B
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i. Mopping ii. Sweeping iii. Dusting iv. Polishing v. Shaking vi. Washing	e.wipe with wet cloth d. dust carried with broom b. wipe with dry cloth f. rub to bring shine a. beat an article to remove dust g.scrub with broom and water
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2. Differentiate between the following:

a. washing and mopping

Washing	Mopping
Wahing refers to cleaning with lots of free water.	The surface is wiped with a tightly squeezed wet mop.

b. polishing and sweeping

Polishing	Sweeping
Article is rubbed with a polish and rubbed with a soft cloth, until it shines.	Dust of floor is cleaned with help of a broom.

c. dirt and dust

Dirt	Dust
Particles stick to any surface.	Loose particles easily moved by air and settle on any surface is called dust.

Intext Questions 29.2

1. Given below is a list of reagents. Specify their role in cleaning

Reagents	Role in cleaning
Lemon	clean stains from metals
Jewellery rouge	clean jewelry
Sand	clean hard surface
Ammonia	grease emulsifier, stain removing spirit
Methylated spirit	grease solvent, removes grease stains

Intext Questions 29.3

1. Prepare a schedule of daily cleaning for your kitchen. Also list two activities you would perform on a monthly and yearly basis in the kitchen.

Daily	Monthly	Yearly
i. Open windows in order to let the fresh air come in. ii. Remove unwanted dirty utensils iii. Clean work surface and gas stove iv. Wash utensils v. ✕ Wash/mop floor vi. Arrange utensils in respective place vii. Switch off lights	i. Clean tiles ii. Change newspapers in cupboards iii. Arrange cupboards iv. Clean drawers v. Remove cowwebs	i. White wash /paint the walls. ii. Polish marble floors/counters

Terminal Exercise

1. What do you understand by 'cleaning'? Why is it important?

Answer: Cleaning means:

Cleaning is the most important and primary aspect of housekeeping. It is a process of removing dirt, dust and grime by using methods such as dusting, shaking, sweeping, mopping, washing or polishing.

Importance of cleaning:

- It's important to keep our house clean
- If we do not clean our house regularly, house will become the breeding ground of insects such as cockroaches, spiders, ants, flies and mosquitoes.
- It will look dirty and will be most uncomfortable.
- Living in such circumstances can also lead to diseases such as asthma, bronchitis, etc.
- Thus, cleaning is necessary for a general presentable appearance and also to ensure good hygienic conditions.

2. Explain how you will clean your bedroom and bathroom.

Bedroom:

- Once you enter the room, open all windows in order to let the fresh air come in.
- Remove all unwanted articles like tea cups etc., and empty ash trays and dust bins.
- Remove all dirty linen.
- Remove stains from walls, doors, windows and furniture.
- Check and clean thoroughly, all the drawers, furniture, fittings, all hangings or pictures, lights, etc.
- Wipe, dust or polish table lamps, accessories, telephone, if needed.
- Vacuum clean the carpets and other upholstery. If vacuum cleaner is not available, use a brush.

- Sweep, dust and mop the surfaces.
- Replace linen with clean linen
- Survey the room for any discrepancy and adjust windows as desired.

Bathroom:

- Remove all items from their usual spots.
- Dust and sweep.
- Apply cleaner to shower and bathtub.
- Mix cleaning solution for floor.
- Clean the vanity area.
- Clean the toilet
- Mop the floor.

3. You have to clean your kitchen tiles, marble wall surface and cement floor. List the cleaning agents and equipment will you use. Describe the cleaning procedure for the same.

Answer:

Surface	Cleaning Agent and Equipment	Cleaning Procedure
Kitchen tiles	<ul style="list-style-type: none"> • Using baking soda, Borax or salt. • Brushes 	<ul style="list-style-type: none"> • Clean tiles with detergent. • Spray insecticides in corners. • Wash kitchen counters with hot soapy solution and if needed, polish them.

Surface	Cleaning Agent and Equipment	Cleaning Procedure
Marble wall	<ul style="list-style-type: none"> • Soap water • Wet cloth 	<ul style="list-style-type: none"> • Use a soft cloth to avoid scratching or damaging the surface. • - Don't use abrasive sponges or cloths. • If your cloth is very wet, switch to a clean, dry cloth to remove the remaining cleanser.
Cement floor	<ul style="list-style-type: none"> • A pH-neutral cleaner is best for concrete flooring. • Avoid harsh cleaning products such as ammonia, citrus, bleach, vinegar or pine cleaners because they can react with the concrete. • Dry and damp mopping. • Use Broom. 	<ul style="list-style-type: none"> • Dry dust mop regularly to remove dirt and grit. • —Damp mop occasionally with a pH-neutral cleaner or special cleaners and conditioners designed for polished concrete. → • <u>If the floor begins to eventually lose its shine, simply buffing the surface with a</u>

Surface	Cleaning Agent and Equipment	Cleaning Procedure
		<u>commercial polishing.</u>

4. Sheila is cleaning her room. Describe six methods of cleaning she may adopt. List the materials and equipment's she may use.

Methods of cleaning	Materials needed
i. Dusting	Dusters
ii. Shaking and Beating(carpet)	Dust pans
iii. Mopping	Mops-
iv. Polishing	Polishing cloth
v. Sweeping	Brooms
vi. Washing	Brushes

Previous Year Questions

1. What are the activities will you undertake in the weekly cleaning of your house?[4] (April 2011)

Answer: The activities to undertake in the weekly cleaning of your house are:

- first open all the windows for fresh air.
- Remove all unwanted articles like trays, teacups, bottles etc.
Empty the ash tray and dust bins.
- Remove all dirty linen.
- Remove stains from walls, doors, windows and furniture.
- Check and clean thoroughly, all the drawers, furniture, fittings, all hangings or pictures, lights, etc.

- Wipe, dust or polish table lamps, accessories, telephone, if needed.
- Vacuum clean the carpets and other upholstery. If vacuum cleaner is not available, use a brush.
- Sweep, dust and mop the surfaces.
- Replace linen with clean linen
- Survey the room for any discrepancy and adjust windows as desired.

2. State four points you will remember while selecting a detergent powder.[2] (April 2012)

Answer: There are a few points which should be kept in mind while choosing a detergent.

- i. It should be readily soluble in water
- ii. Be effective in all types of water and produce no scum
- iii. Have good wetting powers so that the solution penetrates between the article and the dirt particles
- iv. Have good suspending powers to suspend dislocated dirt and not allow it to settle back.

3. Enlist any four points you will keep in mind while choosing a detergent. [2] (April 2013)

Answer: Same as above

4. State the ingredients and method of making metal polish. [4]

Ingredients	Method	Use
i. Soap-2 tbs ii. Ammonia-1 tbs iii. Boiling water- 2½ cup	i. Dissolve soap in boiling water. ii. Mix with bath	i. Shake well before use. ii. Soak soft toweling in the mixture, let

Ingredients	Method	Use
iv. Bath brick -50	brick and ammonia. iii. Cool and store in air tight bottle	it drip dry. iii. Wipe and rub with this toweling.

5. Mention any four ingredients of a detergent. [2] (April 2016)

Answer:

The basic ingredients in a detergent are surface active agents, known as surfactants. A detergent may have more ingredients to make it more effective, like alkaline salts, bleaches, foam boosters, germicides and perfumes.

6. Write the general procedure, you will follow in the weekly cleaning of your kitchen. [4] (April 2011)

Answer: The general procedure for weekly cleaning of kitchen:

- Empty out the shelves.
- Clean the jars and bins.
- Change the newspapers.
- Rearrange the cupboards.
- Clean the sunmica on the cupboard door panels with a wet cloth.
- Clean the tiles.

7. State four activities involved in the daily cleaning of a house. [2] (Oct 2015)

Answer: The four activities involved in the daily cleaning of a house are:

- Open all windows in order to let the fresh air come in.

- Remove all unwanted articles like tea cups etc., and empty ash trays and dust bins.
- Sweep the floor.
- Dust all surfaces including furniture and fixtures.

8. Give two examples each of the following cleansing materials:[4] (April 2016)

Answer: Examples for cleaning materials are:

- a. Abrasive: sand and finely powdered brick.
- b. Acid: Vinegar and lemon
- c. Alkali: baking soda and ammonia
- d. Solvent: methylated spirit and kerosene

9. Give four reasons for regularly cleaning the house.[4] (April 2018)

Answer: Reason for regularly cleaning the house:

- Cleaning every week will help avoid allergies or other breathing problems.
- Keeping your house clean will stop the spread of germs and help keep you healthy.
- Cleaning up spills, vacuuming your carpets, and keeping your kitchen and bathroom clean will kill germs.
- Avoid getting sick by cleaning your home.

10. List the ingredients and describe the method used for cleaning copper vessel at home. [4] (April 2018)

Answer: Copper cleaner

Ingredients	Method used for cleaning
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Fine sand- 4 tsp	Mix all ingredients and keep in jar.
Flour - 2 tsp	Moisten a small amount of above mixture to a paste by using equal amounts of vinegar and water.

11. Suresh is a new employee in a hotel. Write sequence of eight important weekly activities of cleaning a room. [4] (April 2019)

Answer: The eight important weekly activities of cleaning a room are:

- i. First open all the windows for fresh air.
- ii. Remove all unwanted articles like trays, teacups, bottles etc.
- iii. Empty the ash tray and dust bins.
- iv. Remove all dirty linen.
- v. Remove stains from walls, doors, windows and furniture.
- vi. Check and clean thoroughly, all the drawers, furniture, fittings, all hangings or pictures, lights, etc.
- vii. Wipe, dust or polish table lamps, accessories, telephone, if needed.
- viii. Vacuum clean the carpets and other upholstery. If vacuum cleaner is not available, use a brush.

12. Give two examples each of the following [4] (April 2017)

Answer:

- a. Alkali: - baking soda and ammonia
- b. Abrasive: sand and finely powdered brick

- c. Bleach: sodium perborate and hydrogen peroxide
- d. Solvent: methylated spirit and carbon tetrachloride

13. Difference between the following:[4] (Oct 2021)

- a. Dusting and shaking
- b. mopping and washing

Answer:

Dusting	Shaking
<ul style="list-style-type: none"> i. When any surface is wiped with a piece of dry cloth, (duster), it carries the loose dust with it and the process is known as dusting. ii. This should be done with a clean soft cloth. 	<ul style="list-style-type: none"> i. when you shake or beat any soft material, like a carpet/rug or a curtain, the dust falls out, making the article dust free to a large extent. ii. This is mostly done in open air so that other things do not get dusty.
Mopping	Washing
<ul style="list-style-type: none"> i. wiping a surface with a damp cloth is called 'mopping'. The piece of cloth used is known as a 'mop' and is generally coarser than a duster. ii. In this process, both the dust, as well as easily removable dirt, is also removed. iii. Mopping is mostly done on floors. 	<ul style="list-style-type: none"> i. Sometimes mopping alone is not sufficient to remove dirt. ii. Such surfaces are then scrubbed with the help of a yard (bamboo) broom along with plenty of water. Eventually the dirt loosens and is carried off by water. This process is known as 'washing'. iii. In case of tougher stains or dirt, detergent may be added to the water.

14. Write the ingredients and method of making furniture cream [4] (Oct 2019)

Answer:

Ingredients	Methods
i. Bees wax 50gm ii. Turpentine 30ml	i. Shred wax and put in a pan. Cover with turpentine. ii. Heat in a double boiler till wax melts. iii. Cool and allow it to set.

15. Mention four ingredients used in preparing a furniture polish. [2] (Oct 2021)

Answer: The ingredients are:

- i. Linseed oil 50 gm
- ii. Turpentine 30 ml
- iii. Vinegar 30 ml
- iv. Methylated spirit 30 ml

16. How would you choose a good detergent? [4] (Oct 2014)

Answer:

- be readily soluble in water
- be effective in all types of water and produce no scum
- have good wetting powers so that the solution penetrates between the article and the dirt particles



- have good suspending powers to suspend dislocated dirt and not allow it to settle back - be effective over a wide range of temperatures
- be harmless to the article and the skin.
- clean quickly
- be easily rinsed away