

L30 A -Maintenance of Premises

Keywords

Ceramic	Marble	Linoleum
Sawdust	Aesthetic	Methylated
Switchboard	Socket	Lead

In-text Questions

In-text Questions 30.1

1. Radha is confused. Help her match the agents (given in column I) used to clean the following surfaces (given in column II).

Column I	Column II
a. grease stains on glass	i. linseed oil
b. water marks on wood	ii. kerosene oil
c. linoleum	iii. soda and boiling water
d. stubborn stains on plastic	iv. ammonia
e. Tea stains on silver	v. Alkali
	vi. mild detergent

Ans:

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|-------------------------------|---|-----------------------------|
| a. Grease stains on glass | ⇒ | iv. ammonia |
| b. water marks on wood | ⇒ | i. linseed oil |
| c. Linoleum | ⇒ | vi. mild detergent |
| d. Stubborn stains on plastic | ⇒ | ii. kerosene oil |
| e. Tea stains on silver | ⇒ | iii. soda and boiling water |

2. Sheela has the following problems in her house. Suggest ways to clean them.

- i. Dirt stains on wall.
- ii. Turmeric stains on marble slab.
- iii. Grease stains on wallpaper.
- iv. Water marks on ceramic tiles.
- v. Heat marks on laminated table.

Ans:

SI No.	Problem	Ways to Clean
i.	Dirt stains on wall	<ul style="list-style-type: none"> Wash with warm water and detergent with sponge from top to bottom. Rinse with clean water
ii.	Turmeric stains on marble slab	<ul style="list-style-type: none"> Clean with hot water and detergent. Rub lemon juice.
iii.	Grease stains on wallpaper	<ul style="list-style-type: none"> Apply any grease absorber (talcum powder, bran, etc.). Brush off after a while.
iv.	Water marks on ceramic tiles	<ul style="list-style-type: none"> Water and detergent, if needed along with sandpaper or mild acid. Rinse immediately
v.	Heat marks on laminated table	<ul style="list-style-type: none"> Rub a little metal polish. Wash with mild detergent

In-text Questions 30.2

1. Geeta finds the following faults in her gadgets. Help her to identify the exact causes.

- a. Electricity Fuse
- b. Noisy fan

- c. Fan rotates at extra fast speed
- d. Leaking tap
- e. Ball valve in the cistern does not rise with water level and water overflows.

Ans:

SI No.	Fault in gadget	Exact Cause
a.	Electricity Fuse	Wire in cut-out melts on passing of heavy current
b.	Noisy fan	Bearings worn out
c.	Fan rotates at extra fast speed	Capacitor needs to be changed
d.	Leaking tap	Washer needs to be replaced
e.	Ball valve in the cistern does not rise with water level and water overflows.	Ball valve may have corroded/punctured

Terminal Exercises

1. Give suggestions to maintain the following at home
 - a. Carpets
 - b. Wooden surface
 - c. Brass
 - d. Glass window
 - e. Cane chair
 - f. Coir flooring

Ans:

a. Carpets

Surface	Maintenance	Precautions
Carpet	<ul style="list-style-type: none"> i. Clean carpets regularly. ii. Once a month take it out, turn it upside down and shake it to remove loose dust. iii. Alternatively, vacuum cleaners can be used effectively. iv. Wash colour fast, dirty carpets with soap solution. Work a lot of lather into the carpet with a brush, using circular motions over small areas at a time. Rinse thoroughly with sponge and dry it in the sun. 	<ul style="list-style-type: none"> i. Put naphthalene balls in rolled up carpets. ii. Air them at intervals. iii. Dry thoroughly before rolling. iv. Remove any stains immediately.



b. Wooden surface

Wooden Surface	Maintenance	Precautions
Plain wood (chopping boards, pastry boards, rolling boards and pins)	<ul style="list-style-type: none"> i Wash with mild soap and warm water. Rinse and dry in open air. ii Extra bits of food sticking to the board can be removed by using the back of a knife. 	<ul style="list-style-type: none"> i Always scrub along the grain. ii Never use hard scrubbing brush. iii Avoid soaking in water. Never use very hot water as the wood will swell. iv Avoid strong cleaning agents.
Polished wood	<ul style="list-style-type: none"> i Dust and rub with a flannel cloth. ii Remove water marks by rubbing methylated spirit/ turpentine or a mild solution of ammonia. 	<ul style="list-style-type: none"> i Avoid spilling on wood. ii Wipe spills immediately.
Painted wood (doors and windows)	<ul style="list-style-type: none"> i Clean with mild soap and water. Rub dry with a flannel cloth to give it a gloss. ii Repaint periodically to preserve it better. 	<ul style="list-style-type: none"> i Ensure that all traces of soap are carefully removed, otherwise, stains may still seen on the surface.
Laminated/veneer surface (summica)	<ul style="list-style-type: none"> i Wipe clean with wet cloth. ii To remove heat marks, rub metal polish and wash up with mild detergent. Use wax polish or creams to protect veneer surfaces. 	<ul style="list-style-type: none"> i Avoid scratching and using coarse abrasives. ii Wipe all spills immediately to avoid permanent staining.

c. Brass

Surfaces	Maintenance	Precautions
Brass	<ul style="list-style-type: none"> i. Use soaps and cleaning powders with mild abrasive action. Rub lemon juice and salt, vinegar or tamarind pulp along with fine steelwool. Use sifted ash to clean utensils at home . ii. Clean engraved brass with an old tooth brush. iii. Use 'Brasso' or mild solution of the hydrochloric acid to clean very dirty ornamental articles. 	<ul style="list-style-type: none"> i. Never use brasso or other chemicals to clean cooking utensils as they are poisonous.

d. Glass window

Surfaces	Maintenance	Precautions
Glass	<ul style="list-style-type: none"> i. Clean with a wad of newspapers and water. ii. To give it shine, rinse it with water in which vinegar is added. iii. Remove grease stains with ammonia in warm water. iv. Remove fly specks by rubbing with methylated spirit. 	<ul style="list-style-type: none"> i. Do not use hard scrubbers and abrasives, as it will result in scratches.

e. Cane chair

Cane	<ul style="list-style-type: none"> i. Regularly dust and clean to eliminate bugs, spiders, and cockroaches in corners. Use a brush to reach the corners. ii. Wash it with warm salty water (1 Tb spoon salt in 1 litre water) Then dry it completely in open air . iii. Coat with clear varnish to prevent staining. It can also be polished with liquid wax polish. 	<ul style="list-style-type: none"> i. Avoid soaking in water.
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f. Coir flooring

Coir is made up of coconut fibre.	<ul style="list-style-type: none"> i. Clean it daily with a coarse broom or brush. Occasionally take it out, turn upside down and shake to remove the dust. ii. If it gets very dirty, wash with soapy water, rinse in cold salty water and dry completely in open air. 	<ul style="list-style-type: none"> i. Do not let it get very dirty. ii. Dry completely.
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Previous Year Questions

1. How will you remove (a) grease stain from glass, and (b) stubborn stains from plastic? 2

Ans:

- a. To remove grease stains from glass, use ammonia in warm water.
- b. To remove stubborn stains from plastic, apply kerosene oil and if possible, put it out in the sun.

2. Enlist *two* ways of cleaning marble floor. 2

Ans: The two ways of cleaning marble floor are:

Surface	Maintenance	Precaution
Marble Floor	<ol style="list-style-type: none"> i. Clean with hot water ii. Occasionally clean them with kerosene oil and sawdust. iii. Rub with lemon juice to keep the marble white and stain free. 	Wipe corners and sides daily as they can get black.

3. How will you clean ceramic tiles in your kitchen? State any *one* precaution you will keep in mind while cleaning them. 2

Ans: Ceramic tiles cleaning and precautions:

Surface	Maintenance	Precaution
Ceramic	<ol style="list-style-type: none"> i. Clean regularly with hot water and detergent. ii. Remove stubborn stains with water sand paper along with hot water and detergent iii. Special chemicals are available for cleaning them 	<ol style="list-style-type: none"> i. Do not use too much of acids as they may become loose and come off. ii. Acids should be rinsed immediately after use.

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4. How will you clean sunmica tabletop? What precautions will you take while cleaning? 2

Ans: Sunmica Tabletop cleaning and precautions:

Surface	Maintenance	Precautions
Sunmica tabletop	i. Wipe cleanly with wet cloth. ii. To remove heat marks, rub metal polish and wash up with mild detergent	i. Avoid scratching and using coarse abrasives. ii. Wipe all spills immediately to avoid permanent staining.

5. How will you maintain a non-stick tawa ? 2

Ans: The steps to maintain the non stick tawa are:

- i. Don't pile pans or pots on your non-stick tawa's top.
- ii. Only use plastic, wooden, silicone or non-stick ladle/scrapper.
- iii. Follow the manufacturer's guide to cooking heat for maintaining your tawa and prolonging its lifespan.
- iv. Don't clean a non-stick tawa in your dishwasher, because doing it may cause a detergent stack. Hand wash will be best.
- v. Don't use steel wool pads or abrasive cleansers for cleaning a non-stick tawa, as these may damage or scratch the surface. So, ensure using non-stick scrub sponge only.
- vi. Always use lukewarm water to clean your tawa.

6. How will you maintain a polished wooden table?

2

Ans: Maintaining polished wooden table:

Surface	Maintenance	Precautions
Polished Wooden table	i. Dust and rub with a flannel cloth. ii. Remove water marks by rubbing methylated spirit/ turpentine or a mild solution of ammonia	i. Avoid spilling on wood. ii. Wipe spills immediately.

7. How will you maintain tiles in the bathroom?

2

Ans: The steps to maintain tiles in bathroom are:

- i. Clean regularly with hot water and detergent.
- ii. Use hot water and scrub with sand paper gently to remove the stains.
- iii. Use the special chemicals to maintain the brightness of them.

8. What two precautions should be taken while cleaning painted walls?

[2]

Ans: The precautions to maintain the painted walls are as follows:

- i. Never rub the walls vigorously or scrub with coarse abrasives and brushes.
- ii. Never use strong chemical solvents.

9. Identify four things in your kitchen which may require repairs. [2]

Ans: The four things in the kitchen that may require repairs:

- i. Mixer
- ii. Tap
- iii. 3 pin plug
- iv. Grinder
- v. Cooker

10. Name the components of a room cooler. How does it function ?

2

Ans: The components of a room cooler are:

- Cabinet
- A water pump
- An exhaust fan

The functioning of a room cooler:

- i. The air passes through the wet cooling pads.
- ii. Then this cool air is sent into the room.

11. How will you keep your wooden chopping board clean?

2

Ans: I will clean my wooden chopping board by gently scrubbing the board with a sponge and hot, soapy water.

12. Your room has wallpaper on the walls. How will you maintain it? 2

Ans: Maintaining wallpaper on the walls:

Surface	Maintenance	Precautions
Wallpaper	<ul style="list-style-type: none"> • If torn, we should immediately gum it back in place. • Rub stains with a piece of soft damp cloth or a sponge. • Wipe, if the paper is washable. Use grease absorbers like talcum powder, Fuller's earth, bran, etc., to remove any grease stains. 	Never scratch the wallpaper

13. How will you clean water marks from a polished wooden cupboard ? 2

Ans: To remove water marks from the polished wooden cupboard, we have to rub the surface by methylated spirit/ turpentine or a mild solution of ammonia.

14. How will you repair a fuse at home ? 4

Ans: To repair a faulty fuse:

- Put the main switch off.
- Identify the faulty appliance, switch off and remove it.
- Take out the fuse cut-out and examine it. You will see the melted wire or its remains.
- Remove this wire and clean the cut out/carrier.
- Replace with a new wire. The new wire should pass through the hole if one is provided.
- Replace the fuse cut-out, close the box, and put the main switch on.

15. How will you repair an electrical fuse?

[4]

Ans: Same as above answer.

16. Your brother is learning electric work. What **four** precautions he should take to prevent electric shocks ? 4

Ans: The precautions my brother should take while doing electrical work are:

- Wear rubber slippers.
- Dry hands completely.
- Keep a wooden plank/ woolen blanket handy.
- Disconnect the main supply /unplug the appliance.

17. How will you change a 3-pin plug? 4

Ans: To change a 3-pin plug:

- i. Unscrew the main screw placed in the middle of the plug.
- ii. Unscrew the small screws on each of the three wires and pull them out.
- iii. If needed, expose the inside wires by scraping the outer plastic coating with a blade or a sharp knife.
- iv. Replace with a new plug, put positive in one screw band and negative in the other screw band, parallel to it.
- v. Tighten the screws. Make sure the two do not touch each other.
- vi. Put the neutral wire in the lower screw band and tighten the screw.
- vii. Put the cover and tighten the main screw.

18. Last year your carpet got destroyed by insects. What *four* precautions will you adopt while storing your new carpet now? 4

Ans: The precautions to store new carpet are:

- Put naphthalene balls in rolled up carpets.
- Air them at intervals.
- Dry thoroughly before rolling
- Remove any stains immediately

19. Raju has to change the washer of a leaking tap. How should he do that? 4

Ans: To change the washer of a leaking tap:

i.

20. You have to clean a brass flower vase engraved with intricate designs. Explain the method of cleaning for this brass vase. 4

Ans: To clean a brass flower vase engraved with intricate designs:

i.