

Date: _____ Class: 5

Div: A / B / C

Roll No: _____ Sub: Science

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Worksheet-(TB Ans Key)

Ch-6 Building Houses

Q1 Short Question Answer:

1. What are the main factors that decide the type of house to be constructed?

Ans: There are three main factors that decide the type of house to be constructed. These are:

- (i) Climatic conditions
- (ii) Availability of building materials
- (iii) Economic conditions

2. Describe the house that are build in hot & dry desert.

Ans: In hot and dry deserts, houses are built with flat roofs having thick mud walls. These walls keep the house cool.

3. What is ventilation?

Ans: Free flow of fresh air in and out of the house is called ventilation.

4. How does the cost of construction affect the type of house constructed?

Ans:) The construction of the house depends on the money that a person can spend. People in villages usually make small houses as they do not have much money to spend on it. They use cheaper construction material like clay, straw etc. Some rich farmers in villages, who can spend more money make big houses with stronger construction materials. People in cities generally spend more money to utilise better construction materials. The size of houses vary depending upon the money they can spend

5. List any three practices that should be followed to maintain cleanliness.

Ans: We must follow these practices to ensure cleanliness:

- Do not let dust settle on the windows & doors. Dust them regularly.
- Put grills & wire mesh on the doors & windows for safety against the thefts & insects.
- Keep garbage in the covered dustbins.

Competency based question:

Ansa. It probably would be an apartment in a skyscraper. Big cities have lack of space and higher population to accommodate.

Ansb. The place has wet climate with persistent rains.

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Chapter-7 Living safely

Q1 Short Question Answer:

1. What are the various ways by which we can treat heat illness?

Ans: The various ways by which we can treat heat illness are:

- (i) Move to a cool place or under the shade.
- (ii) Drinking a glass of lemonade helps to cool the body.
- (iii) Apply ice pack on the nose and head to stop the nose bleeding if it occurs.

2. What should be done to prevent tetanus?

Ans: If one gets cut or scratch while playing in a playground, on the road or due to some dirty or rusty object, germs may enter the body through this wound and cause a disease called tetanus. One should get an anti-tetanus injection immediately after the injury to prevent it.

3. What is first aid? What will you keep in the first aid box?

Ans: The first medical help given to an injured person is called first aid. In a first aid box, we will keep cotton wool, bandage, antiseptic lotion, antiseptic cream and some basic medicines for fever.

4. How should electrical appliances be handled?

Ans: Special care should be taken while handling electrical appliances. Always wear rubber or plastic slippers while operating any electrical appliances. Never operate them with wet hands.

5. What are road safety rules? List some road safety rules?

Ans: Those rules that everyone must follow to prevent accidents are called road safety rules. Some of them are:

- Keep to your left while walking or cycling on the road. Always walk on the footpath.
- Do not ride your bicycle at a high speed. Always stick to your lane.
- If you need to overtake, do it from the right side only.
- Do not play near or on the road.
- Use zebra crossing, subway or pedestrian overpass to cross the road.
- Do not get into or out of the moving bus. Do not peep out of the moving vehicle.

Competency based question:

Ans a. First aid kit, hiking boots, appropriate clothing, drinking water, ready to eat food, torch, gloves, etc.

Ans b. 1. Switch of the plug and unplug the iron.

Keep it out of reach.

2. Keep the first aid kit safe and out of reach for children.

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Ch- 8 Saving our Environment

Q1 Short Question Answer:

1. What is global warming?

Ans: Due to increase in green-house gases there is continuous warming up of the Earth, resulting in rise in temperature. This is known as global warming.

2. What do you understand by green house effect?

Ans: Due to air pollution, the level of gases like, carbon dioxide, methane, chlorofluorocarbon and nitrous oxide, increase in the atmosphere and they form a layer around the Earth. These gases, also called greenhouse gases, have property to trap heat. They let the Sun's rays enter the Earth but block the heat escaping the Earth's surface. This effect is known as greenhouse effect.

3. What do you understand by air pollution?

Ans: The addition of dirty and dangerous elements to air causes air pollution. Smoke containing harmful chemicals produced by industries and vehicles is the main cause of air pollution. Burning of forests and garbage also adds to air pollution. It may cause a number of breathing related diseases like bronchitis and asthma.

4. List some steps that can be taken to save the environment.

Ans: Steps that can be taken to save the environments are as follows:

- (i) Stop using plastic bags.
- (ii) Use wind and solar energy instead of fossil fuel energy.
- (iii) Use CNG and LPG vehicles.
- (iv) Plant more trees and prevent deforestation.
- (v) Treat chemical waste before disposal.
- (vi) Educate farmers on sensible use of fertilisers and other chemicals in farming.

5. List some effects of acid rain.

Ans: The various effects of acid rain are as follows:

- (i) The acidic rain damages plants, animals and even buildings.
- (ii) The acidic rain water also flows into various bodies and becomes a part of water cycle.
- (iii) It seeps through soil thereby affecting the growth of plants.

(b) Steps that can be taken to save the environments are as follows:

- (i) Stop using plastic bags.

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- (ii) Use wind and solar energy instead of fossil fuel energy.
- (iii) Use CNG and LPG vehicles.
- (iv) Plant more trees and prevent deforestation.
- (v) Treat chemical waste before disposal.
- (vi) Educate farmers on sensible use of fertilisers and other chemicals in farming.

Competency based Questions:

Ans a. Mixing of chemicals due to overuse of fertilisers, industrial waste being dumped in the nearby water body upstream, etc.

Ans b. Use public transport, not waste electricity, paper, water, reuse as many things as possible, buy only those things that you need, etc.