

WELCOME TO THE ONLINE CLASS

SESSION NO.: 3

CLASS: 5

SUBJECT: SCIENCE

CHAPTER NUMBER: 3

CHAPTER NAME: SAFETY AND FIRST AID

SUB TOPIC: FIRST AID FOR BURNS, FOR FIRE FIGHTING

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- **know about the first aid for various type of burns and fire fighting.**
- **learn about the preventive measures against these accidents.**

WARM UP

- **Before giving first aid, what should we do with the patient?**
- **What is splint?**
- **Why should we take anti-tetanus injection?**
- **What causes discolouration of skin?**
- **What is fracture?**

FOR BURNS

- Burns may happen from hot objects, fire, steam, boiling water, crackers, electric points, and chemicals like acids.
- Burns are mainly of three types, they are minor burns, severe burns and chemical burns.



FOR MINOR BURNS

- **Let running cold water flow over the burn until the pain subsides.**
- **Apply an antiseptic lotion or cream to prevent infection.**
- **If an antiseptic lotion is not available apply a paste of baking soda and water.**

FOR SEVERE BURNS

- **Blisters are formed in the burnt part, they should not be pricked.**
- **Gently cover the burn or blisters with a clean piece of cloth or sterile gauze to protect it from germs and dust.**
- **If the victim is in a state of shock, give him a warm drink.**
- **Dip a sterile piece of cloth in a baking soda solution and use it as a wet compress.**
- **Severe burns must be treated by a doctor.**



FOR CHEMICAL BURNS

- **Remove any clothing from the affected area. Use plenty of water to wash off the chemical.**
- **Cover the burn with sterile gauze and send it to the doctor.**

FOR FIRE FIGHTING

Fire in a building or a petrol pump,

- ❑ If there is a fire in a building, inform the nearest fire station.**
- ❑ In case of fire caused by petrol, put out the fire by throwing lots of sand or mud on it.**
- ❑ Do not throw water on petrol, as water will flare up the fire because petrol being lighter than water floats above it and keeps burning.**

FOR FIRE FIGHTING

If a person's clothes catch fire,

- ❑ Do not allow him to run around in a panic because it fans the flame.
- ❑ Make him roll on the ground.
- ❑ Cover him with a thick blanket. This can extinguish the fire by cutting off.

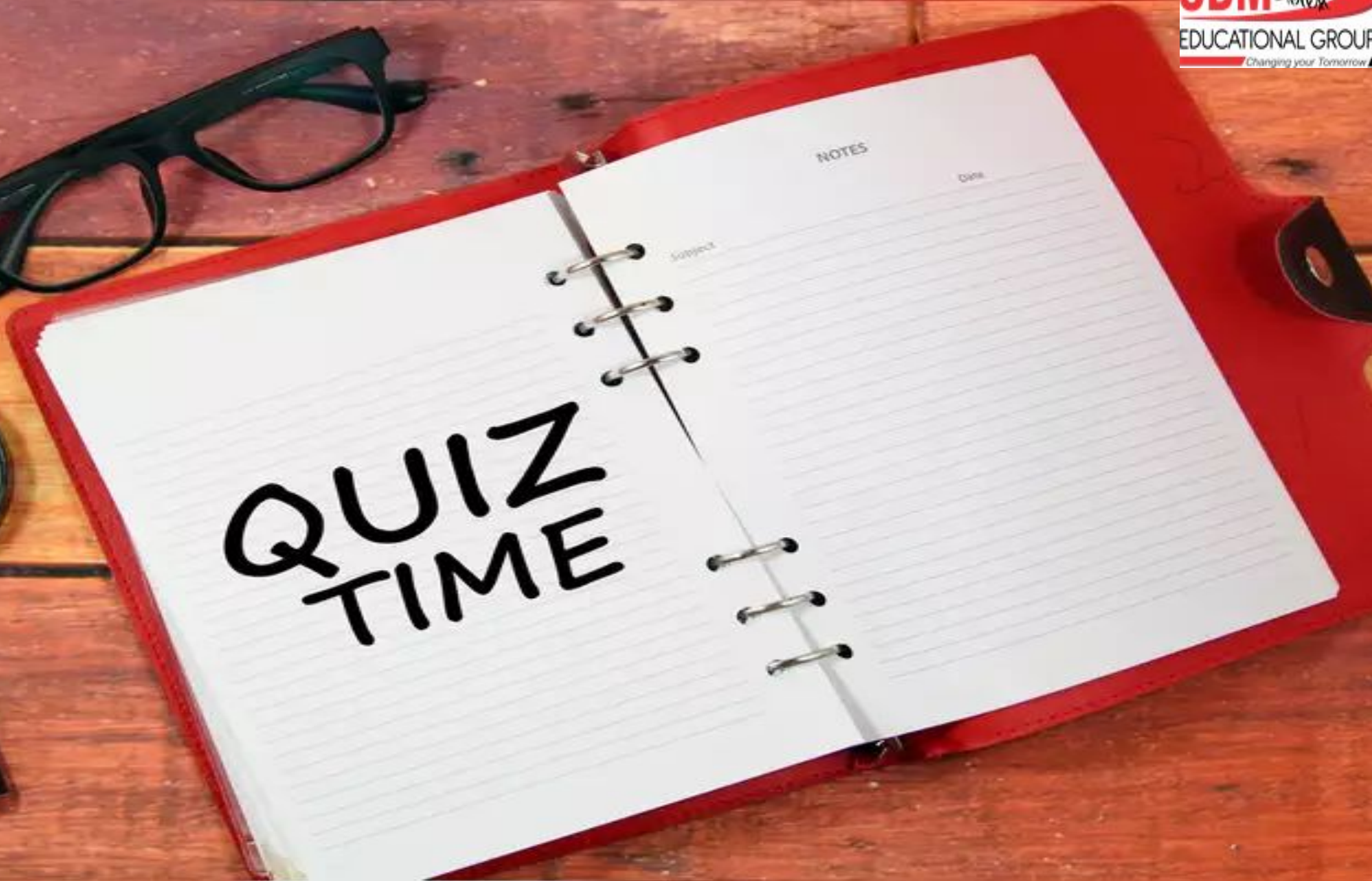


FOR FIRE FIGHTING

If a fire has been caused by defective wiring or an electric gadget:

- ❑ Immediately turn off the main switch.
- ❑ Do not throw water on it because it can cause electrocution. o Smother the fire by throwing sand.
- ❑ Use a fire extinguisher





**QUIZ
TIME**

NOTES

Date

Subject

1. Apply a paste of _____ and _____ on the affected area of minor burns.

ANS: Baking soda and water

2. What are blisters?

ANS: Blisters are small pockets of body fluid (blood or pus) within the upper layers of the skin.

3. Use a _____, if a fire has been caused by defective wiring or an electric gadget.

ANS: Fire extinguisher

HOMEWORK

- Firemen crawl on the floor of a room that is filled with smoke. Why do they do this?

LEARNING OUTCOME

The learner will be able to

- **know about the first aid for various type of burns and fire fighting.**
- **learn about the preventive measures against these accidents.**

THANKING YOU
ODM EDUCATIONAL GROUP