



EVALUATION -2 (2021-22')

**Subject: SCIENCE
WORKSHEET-1**

GRADE: IV

I. Choose the correct answers

1. Name the instrument used to measure wind speed.
 - A. Wind gauge
 - B. Anemometer
 - C. Speedometer
2. What causes wind?
 - A. Differences in air pressure
 - B. Difference in oxygen
 - C. Differences in the thermosphere
3. Gases released from thermal power plants mix with water vapor in the sky to make _____.
 - A. Acid rain
 - B. Global warming
 - C. Particulate matter
4. A light or gentle wind is called_____.
 - A. Gale
 - B. Breeze
 - C. Cyclone
5. Coastal regions have
 - A. Land breeze during the day and sea breeze at night
 - B. Sea breeze during the day and land breeze during the night
 - C. land breeze at day time and at night

II. Fill in the blanks.

6. Energy is the _____ to do work.
7. Chemical energy is the energy stored in a _____ substance
8. The energy of the _____ of bullocks makes the cart move.
9. Smoke from automobiles has a lot of _____.
10. Monsoon winds blowing from the _____ ocean in summers.
11. Choose from the box and write the kind of energy used in the given examples.

Chemical Energy,	Heat Energy,	Electrical Energy
------------------	--------------	-------------------

- A. Lighting a torch using a battery _____
- B. Cooking food on a gas stove. _____
- C. Running a car using petrol. _____
- D. lighting of an electric bulb. _____
- E. Heating water in the sun. _____
- F. Grinding rice using a mixer-grinder. _____

III. Name the pictures and describe it

12.



13.



14.



IV. Answer the following questions in one or two sentences

15. Monsoon winds bring rain why?
16. What are the effects of Air Pollution?
17. Explain knots.
18. Draw the diagram of sea breeze
19. How the air does get polluted?
20. A thick wire is twisted several times. Will it have energy? Why?

V. Answer the following questions in three or four sentences

21. What are the different kinds of wind? How are winds classified?
22. In 1984 at Bhopal, the capital of Madhya Pradesh, the gas called Methyl isocyanides leaked from a factory .This caused thousands of people to die .Why the Bhopal gas tragedy is considered an example of air pollution .
23. List three steps that we can take to conserve non –renewable source of energy.
24. Draw and explain the formation of wind.
25. **Read the text and answer the question.**

A new thermal power plant has been set up in a city of Madhya Pradesh this year to provide electricity to people. Most people use their cars, scooters or bikes to go to work in the city. The level of sulphur dioxide and carbon monoxide has increased 3 times in the city.

- A. What are the 2 main sources of air pollution in the city?
- B. Name 2 other air pollutants that are produced by thermal power plants and vehicles.
- C. Write 2 effects that people in the city will face due to increase in Sulphur dioxide and carbon monoxide?
- D. Suggest 2 things that people can do to reduce air pollution in the city.