

WORKSHEET FOR ANNUAL EXAMINATION

CLASS VIII SCIENCE

PHYSICS

1. A ray of light forms an angle of 30° with the surface after reflection. What is the angle of incidence?
2. Explain the process which enables us to perceive motion in a cartoon film.
3. What is the function of rods and cones?
4. A gas filled balloon moves up. Is the upward force acting on it larger or smaller than the force of gravity?
5. Two thermocol balls held close to each other move away from each other. When they are released, name the force which might be responsible for this phenomenon. Explain.
6. How is pressure related to area of contact? What will happen to pressure if the force and area are made three times each of their original value respectively?
7. Define loudness and shrillness.
8. What is the meaning of one hertz of frequency? What is the time period of the wings of a butterfly if its frequency is 20Hz?
9. Draw the sketch of cassiopeia and leo major.
10. What do the rings of saturn comprise of?
11. Differentiate between meteors and meteorites.
12. How can we locate pole star?

CHEMISTRY

1. Name the petroleum product used for surfacing of roads.
2. Explain why fossil fuels are exhaustible natural resources.
3. Write down any four amorphous forms of carbon.
4. Define the term fossil fuel. Name two fossil fuels
5. Can you store lemon pickle in an aluminium utensils ? Explain
6. Mahima took a piece of burning charcoal and collected the gas evolved in a test tube.
 - a) How will she find out the nature of gas?
 - b) Mention the equation of the reaction taking place in this process.
7. *Explain how CNG played an important role in reducing pollution among automobiles?*
8. *What are the conditions under which combustion can take place?*
9. Distinguish between combustible and non-combustible substances.
10. Explain the different zones of a flame with the help of a neat and well labelled diagram.
11. *Why is it difficult to burn a heap of green leaves, whereas dry leaves catch fire easily?*
12. Clear, transparent water is always fit for drinking. Comment
13. Why is greenhouse effect called so ? How does it cause global warming?
14. List some ways by which water can be made safe for drinking. at are the different ways in which air gets polluted ?
15. What is Van Mahotsav ? When is it observed ? What is the advantage of this project ?

BIOLOGY

1. What do you mean by species?
2. Name two endemic fauna.
3. Is deforestation associated with global warming ? Explain.
4. What are sex hormones? Why are they named so? State their function.
5. Write a short note on goiter.
6. Which endocrine gland produces the growth hormone?
7. What do you mean by metamorphosis?
8. Name three major endocrine glands and mention any one of its hormone produced by them.
9. Explain the process of fertilization in human beings with a diagram.
10. *Explain the term metamorphosis. State examples.*
11. *Name an animal, which develops through the process of metamorphosis, and explain the term.*
12. *Explain the difference between internal fertilization and external fertilization.*