

CHEMISTRY HOLIDAY HOMEWORK

CLASS 8

SESSION 2018-2019

Students are expected to refer study materials on Atomic structure, may use internet as source of information and answer the questions appropriately in not more than 20 words each.

1. What are the components of an atom? How much does each atom weigh?
2. Is there an atom that does not have neutrons? Explain.
3. What do you mean by relative molecular weight?
4. How many times a proton is bigger than an electron?
5. If all physical things are made of atoms, then why do different physical things have different physical properties? Like why is wood hard and rubber soft?
6. If everything around us is matter, what about germs?
7. Why is hydrogen's atomic number 1?
8. What was discovered in the gold foil experiment?
9. What is an alpha particle and where does it come from?
10. Show formation of hydrogen molecule by sharing of electrons.