

TN Board Class 10 Science

Important Questions

1. Write the three important parts of uriniferous tubules.
2. A non renewable resource is a natural resource. If it is replaced by natural process at a rate comparable or faster than its rate of consumption by humans. Read this statement and confirm whether it is correct or incorrect. If it is incorrect give correct statement.
3. Describe: Energy conservation.
4. What are the bio fuels for transportation?
5. Why does the colour of copper sulphate change when an iron nail is kept in it? Justify your answer.
6. List out the differences between atoms and molecules.
7. Define esterification. Give its chemical reaction.
8. Write any two uses of ethanol.
9. A concave lens has focal length of 15cm. At what distance should the object from the lens be placed, so that it forms an image 10cm from the lens?
10. Draw the schematic diagram of an electric circuit consisting of a battery of two cells of 1.5V each, three resistances of 50ohm, 10ohm and 15ohm respectively and a plug key, all connected in series.
11. Differentiate mass and weight.
12. Diamond is the hardest allotrope of carbon. Give reason for its hardness.
13. Find the concentration of solution in terms of weight percent if 20 gram of common salt is dissolved in 50 gram of water.
14. Correct the statement if they are wrong.
 - a. Alpha cells produce insulin and beta cells produce glucagon
 - b. Cortisone suppress the immune response
 - c. Thymus gland is a lymphoid mass
 - d. Ovary produces eggs and androgen
15. In the list of non-conventional sources of energy given below, some of them are wrong. List out the wrong ones. (wind energy, solar energy, hydro electric power, nuclear energy,

tidal energy, wave energy, geo thermal energy)

