**Summative examination**

**Class:8th**

**Subject: Science Max.marks:50**

**QNo.1) Multiple choice questions: (1x5=5)**

**i)A tadpole develops into an adult frog by the process of**

**A) Fertilization B) Metamorphosis C) Embedding D) Budding**

**ii)Sound can travel through**

**A) Solids only B) Liquids only C) Gases only D) All of the above**

**iii)Which of the following does not conduct electricity**

**A) Vinegar solution B) Sugar solution C) Lemon juice D) None**

**iv)The angle of reflection is equal to angle of incidence**

**A) Sometimes B) Always C) Never D) None of the above**

**v)Friction always acts in the direction \_\_\_\_\_\_\_\_\_\_\_ to the applied force**

**A) Same B) Opposite C) Perpendicular D) None**

**QNo.2) Fill in the blanks with the word given below: (1x5=5)**

**(Hertz, Fertilization, Pens, Telescope, Wildlife sanctuary, Microscope)**

**I)Microorganisms can be seen with the help of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**ii)A place where animals are protected in their natural habitat is called \_\_\_\_\_\_**

**iii)The process of fusion of gametes is called ­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_**

**iv)The unit of frequency is \_\_\_\_\_\_\_\_\_\_\_\_**

**v)The hen-houses are called\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**QNo.3) True or False: (1x5=5)**

**I)Burning of wood and coal causes pollution of air. (T/F)**

**ii)Metals are good conductors of electricity. (T/F)**

**iii)Sunlight consists of seven colors. (T/F)**

**iv)Friction is a necessary evil. (T/F)**

**v)Like charges attract each other. (T/F)**

**QNo.4) Match the following. (1x5=5)**

|  |  |
| --- | --- |
| **COLUMN A** | **COLUMN B** |
| **Species on verge of extinction.** | **Oviparous** |
| **Species which have vanished.** | **Kaleidoscope** |
| **Egg-laying animals.** | **Extinct** |
| **Reduces sound pollution** | **Endangered** |
| **Beautiful patterns are formed** | **Trees** |

**QNo.5) Very short answer type questions: (Any three) (2x3=6)**

**I)List three states in India where earthquakes are most likely to strike?**

**ii)Name three objects around you are that are electroplated?**

**iii)Define fertilization?**

**iv)what is red data book?**

**v)List sources of noise pollution in your surroundings?**

**vi) What is audible range of sound in human beings?**

**vii) Name two weedicides?**

**QNo.6) Short answer type questions W. (Any Three) (3x3=9)**

**I)what are insecticides? Give examples.**

**ii)Draw a diagram of electric current passing through a liquid. Label it.**

**iii)Explain how you can take care of your eyes?**

**iv)Why does a charged body lose its charge if we touch it with our hand?**

**v)What is the difference between noise and music? Can music become noise sometimes?**

**vi)What are microorganisms? Name major group of microorganisms?**

**QNo.7) Long answer type questions. (Any three) (5x3=12)**

**I)Do liquids conduct electricity? Classify the following into good or bad conductors of electricity.**

**Lemon juice, Milk, Vinegar, Common salt solution, Sulphur acid solution, Sugar solution, Distilled water, Honey, Sea water, Rainwater.**

**ii) What is Seismograph? What is it used for?**

**iii)What is a reproduction? Differentiate between asexual and sexual reproduction?**

**iv)What is reflection? Write down the laws of reflection?**

**v)Explain how deforestation leads to reduced rainfall?**

**vi) What is friction? Explain friction is a necessary evil?**

**Vii) What is meant by noise pollution? How noise pollution is harmful to human beings?**

**viii) What is the full form of LPG? Compare between LPG and wood as fuel?**