



(2)

VIII SCIENCE

10×1=10

## III. Match the following:-

- |                               |   |                            |
|-------------------------------|---|----------------------------|
| 26) Rusting                   | - | Photosynthesis             |
| 27) Electrolysis              | - | Haber's process            |
| 28) Thermolysis               | - | Iron                       |
| 29) Food                      | - | Brine                      |
| 30) Catalysis                 | - | Decomposition of limestone |
| 31) Nitrogen fixing bacteria- |   | Vaccine                    |
| 32) Tuberculosis              | - | Prion                      |
| 33) Kuru                      | - | Lactobacillus acidophilus  |
| 34) Probiotics                | - | Bacteria                   |
| 35) Edward Jenner             | - | Rhizobium                  |

## IV. State True or False.

5×1=5

- 36) A moving body comes to rest due to friction alone.  
 37) A chemical reaction is a temporary reaction.  
 38) female anopheles mosquito is a carrier of dengue virus.  
 39) Pinus is a closed seeded plant.  
 40) Human beings are warm blooded in nature.

## V. Short answers: (any 15)

15×2=30

- 41) What is measurement?  
 42) What is electric current?  
 43) Mention any three ways of minimising friction.  
 44) State Pascal's law and mention its applications.  
 45) Define focal length.  
 46) Give any two applications of a concave and convex mirror  
 47) Name three types of heat transfer.  
 48) Define one calorie.  
 49) Define Alchemy.  
 50) Name the metals that are used in jewellery.  
 51) Define a chemical reaction.  
 52) What is pollution?  
 53) List out the uses of nitrogen.  
 54) What is global warming?  
 55) Write the four types of bacteria based on the ir shape.  
 56) What are Pathogens?  
 57) Define - Thallus  
 58) Write any two characters of dicotyledons.  
 59) Define - Prokaryotic cell.  
 60) Mention the function of 'Alveoli'

## VI. Answer all the questions:-

6×5=30

- 61) a) Write a short note on different types of clocks.  
 b) Explain the working of a Periscope. [or]  
 62) a) Give the different types of friction and explain each with an example. [or]  
 b) Explain the environmental effects of chemical reactions?  
 63) a) What are the effects of acid rain? How can we prevent them? [or]  
 b) Write a short note on bacteria and its structure.  
 64) a) Write the names of medicinal plants and explain their uses. [or]  
 b) Write a short note on probiotics.  
 65) a) Write any five difference between monocot and dicot plants. [or]  
 b) Write the economic importance of Gymnosperms  
 66) a) Draw the structure of human eye and label its parts. [or]  
 b) Differentiate between inhalation and axhalation.

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