

## MP Board Class 10th Science 2024 Question Paper (Memory-based)

**Q:** Which of the following methods is suitable for preventing an iron frying pan from rusting?

- (a) Applying grease
- (c) Applying a coating of zinc
- (b) Applying paint
- d) Applying a coating of chromium.

**Q:** Butanone is a four-carbon compound with the functional group

- (a) Carboxylic acid
- (b) Aldehyde
- (c) Ketone

**Q:** The breakdown of pyruvate gives carbon dioxide, water, and energy. this reaction takes place in

- (a) Cytoplasm
- (b) Chloroplast
- (c) Mitochondria
- (d) Nucleus

**Q:** The gap between two neurons is called

- (a) Dendrite
- (b) Axon
- (c) Synapse
- (d) Impulse

**Q:** Which one of the following types of medicines is used for indigestion?

- (a) Antibiotic
- (b) Antacid
- (c) Analgesic
- (d) Antiseptic

**Q:** Fill in the Blanks

- (i) At the time of short circuit, the current in the circuit is \_\_\_\_\_.

- (ii) The disposal of the waste we generate is causing serious \_\_\_\_\_ problems.
- (iii) The least distance of distinct vision for a young adult with normal vision is about \_\_\_\_\_.
- (iv) Scattering of light causes the \_\_\_\_\_ color of sky.
- v) The SI unit of electric power is \_\_\_\_\_.
- vi) The potential difference is measured by the means of an instrument called \_\_\_\_\_.

**Q:** Write the answers in one word/sentence each:

- (i) Who worked out the main rules of such inheritance?
- (ii) Danger Signal lights are red, why?
- (iii) Write the commercial unit of electrical energy.
- (iv) Write the full form of M.R.I.
- (v) What is the blood pressure?
- (vi) Write the name of the plant hormone that helps in the growth of the stem.