

NEPS

Class :- 7th

Subject :- Science

M. Marks :- 20

Unit :- III

A:- Long Answer Type Questions:- (Do any three)

- Write a short note on spore formation in plants.
- What is tissue culture?
- Write a short note on sundials.
- Why is a fuse wire necessary in a circuit?
How does it work?

$$(2\frac{1}{2} \times 3 = 7\frac{1}{2})$$

B:- Short Answer Type Questions:-

- What is vegetative propagation?
- What is the function of a speedometer?
- What is an electric circuit?

$$(1\frac{1}{2} \times 3 = 4\frac{1}{2})$$

C:- Objective Type Questions:-

- Pollen grains are tiny bodies which develop inside the _____
- The SI unit of speed is _____
- Current can flow in a circuit only when it is _____
- The filament of an electric bulb is made of a metal which has _____ melting point.

- (v) Ferns and mosses reproduce through seeds. T/F
- (vi) The stamen consists of the stigma, style and ovary. T/F
- (vii) An odometer measures speed. T/F
- (viii) Electrical filaments and elements are usually made of materials with high resistance to electricity. T/F
- ($\frac{1}{2} \times 08 = 04$)

D:- Choose the correct option:-

- (i) A seed develops from the _____
- (a) stem (b) fertilised ovule
- (c) Wall of the ovary (d) root
- (ii) Which of these is not a unit of time?
- (a) second (b) hour
- (c) day (d) Light year
- (iii) Which of these uses the heating effects of electricity?
- (a) electric bell (b) electric fuse
- (c) MP3 player (d) solenoid
- (iv) Which of these is not a part of a circuit?
- (a) battery (b) connecting wire
- (c) switch (d) current
- ($\frac{1}{2} \times 04 = 02$)

E:- Draw Diagram of 'Fertilization in a flower.'

(02)