

Model Question paper
Reproduction Biology (B) 3

11th Standard

Biology

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

Time : 00:45:00 Hrs

Total Marks : 40

7 x 1 = 7

Part - A

- 1) The plant which propagates with the help of its leaves is.....
(a) onion (b) cactus (c) potato (d) Bryophyllum
- 2) The process of fusion between male and egg nuclei are...
(a) Syngamy (b) Conjugation (c) Double fertilization (d) Triple fusion
- 3) Single cotyledon of a monocot seed is...
(a) Plumule (b) Epicotyl (c) Scutellum (d) Coleorrhiza
- 4) Hypohydrophily occurs in.....
(a) Vallisneria (b) Ceratophyllum (c) Hydrilla (d) All the above
- 5) Germination of the seed is promoted by...
(a) Green light (b) Red light (c) Blue light (d) Infra-red light
- 6) Senescence of detached leaves can be delayed by the use of...
(a) Auxin (b) Gibberellin (c) Cytokinin (d) Ethylene
- 7) The sub-aerial stem that is known as condensed runner is
(a) Stolon (b) Sucker (c) Offset (d) Bulb

Part - B

10 x 2 = 20

- 8) What is grafting?
- 9) Differentiate between the stolon and sucker.
- 10) What is double fertilization?
- 11) What is Micropropagation?
- 12) Give the characteristics of insect pollinated flowers.
- 13) What is hypocotyl?
- 14) What is Abscission?
- 15) Mention some plants that can propagate through stem cuttings.
- 16) What is a seed?
- 17) What is the meant by generative fertilization?

Part - C

1 x 3 = 3

- 18) What is the vegetative propagation?

Part - D

2 x 5 = 10

- 19) Describe the hypogeal type of seed germination.
- 20) Write a short note on Chiropterophily and Myrmecophily.
