

V.P.and R.P.T.P.science college
First internal examination ,March 2016
Semester four
Botany, US04CBOTO2
Time:3- 4.30 pm



Friday, 18.3.2016

Marks:25

Q.1. Multiple choice question:

- (a) Which one of the following is a protective tissue? 03
(i) Vascular cambium (ii) cork cambium (iii) Periderm (iv) Secondary cortex
(b) Which one of the following is usually triploid?
(i) Endosperm (ii) Chalaza (iii) Tapetum (iv) None of these
(c) How many daughter cells are produced following meiosis?
(i) 4 (ii) 12 (iii) 2 (iv) All of these

Q.2. Describe in brief:

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- (a) What is the function of vascular cambium?
(b) Define double fertilization.
(c) Define linkage

Q.3. Describe the structure and function of nectary,

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OR

Q.3. Describe the types of stomata in Dicots.

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Q.4. Describe the development of male gametophyte.

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OR

Q.4. Describe pollination in Commelina.

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Q.5. Explain:

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- (a) 9:7 ratio using suitable examples.
(b) Law of segregation

OR

Q.5. Explain:

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- (a) 12:3:1 genetic ratio
(b) Back cross