

V.P. & R.P.T.P.Science College
Internal Theory Test
1st Semester
Biology-US01CBIO02
Plant Cytology and Taxonomy



Date-11/10/17
Wednesday

Time-1.30-2.30 p.m.
Marks-25

Q-1 Multiple Choice Questions. (03)

- (i) F_1 particles are present in_____.
- (a)mitochondria (b)chloroplast (c)dictyosomes (d)nucleus
- (ii)The arrangement of leaves on the stem and its branches is called_____.
- (a)venation (b)phyllotaxy (c)aestivation (d)ptyxis
- (iii)Unisexual flower is present in_____.
- (a)Solanaceae (b)Malvaceae (c)Cucurbitaceae (d)none of these

Q-2 Answer the following (any two). (04)

- (i) Draw a labeled diagram of Nucleus.
- (ii) Define: Racemose inflorescence.
- (iii) Write economic importance of Jasud.

Q-3 Define: Mitosis. Describe different stages of it. (06)

OR

Q-3 Write the functions of following cell-organelles. (06)

- (i) Mitochondria (ii) Chloroplast

Q-4 Define-Compound leaf. Describe its various types. (06)

OR

Q-4 Define-Flower. Draw a labeled diagram of a typical flower. (06)

Q-5 Write the general characters of Gymnosperms. (06)

OR

Q-5 Describe the characters of Malvaceae family with diagram. (06)

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