

Total No. of Questions : 8]

SEAT No. :

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[5229] - 403

M.Sc.

BOTANY

BO - 4.3 : Industrial Botany - II

(Semester - IV) (2013 Pattern) (Credit System)

Time : 3 Hours]

[Max. Marks :50

Instructions to the candidates:

- 1) Attempt any Five Questions.*
- 2) All questions carry equal marks.*
- 3) Neat labelled diagram must be drawn wherever necessary.*

Q1) a) Describe aromatic plants as a source of essence. [4]

b) Add a note on laboratory design for plant tissue culture. [4]

c) What is indoor gardening? [2]

Q2) a) Briefly write on various styles of gardening. [4]

b) Describe the process of production of jams & jellies. [4]

c) What is herbal technology? [2]

Q3) a) Give an account of medicinal plants used in cosmetics. [4]

b) Comment on factors affecting flower production. [4]

c) Write on surface sterilization technique for micropropagation of Banana. [2]

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- Q4)** a) Comment on transporting of ex-agar plantlets. [4]
b) Describe the process of production & canning of fruit beverages. [4]
c) What is centralised packing operation. [2]
- Q5)** a) Write a note on value addition to biodiversity through chemo-prospection. [5]
b) Give an account of techno-commercial report & Micropropagation of sugarcane. [5]
- Q6)** a) Give an importance & Scope of floricultures of add a note on cultivation of Gerbera. [5]
b) Describe the post-harvest pathological disorders in fruits. [5]
- Q7)** a) Write on medicinal mushroom for healthy life. [5]
b) Give an account of international trade in tropical & Subtropical fruits.[5]
- Q8)** a) What is landscape gardening? Give the plan of garden for educational institute. [5]
b) Comment on biotechnological approaches for improving quality and post harvest life & fruits. [5]

