

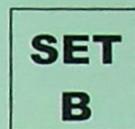
REV-01
BPH/92/31/36

**B. PHARM.
FOURTH SEMESTER
PHARMACOGNOSY & PHYTOCHEMISTRY-I
BP405T**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

2024/06



Full Marks: 75

Time: 30 min.

Marks: 20

Choose the correct answer from the following:

$$1 \times 20 = 20$$

1. Serratiopeptidase is obtained from.
a. Bones
c. Silkworm
b. Tissue
d. Stomach of pig
 2. Hemp and Jute are..
a. Animal fibres
c. Mineral fibres
b. Plant fibres
d. Synthetic fibres
 3. Commonly used solidifying medium for tissue culture medium..
a. Gelatin
c. Agar
b. Starch
d. Pectin
 4. Panchamahabhuta and tridosha theory is related to..
a. Ayurveda
c. Unani
b. Homeopathy
d. None of the above
 5. Like cures like is the principle of .
a. Ayurveda
c. Unani
b. Homeopathy
d. Siddha
 6. Siddha system of medicine is originated from.
a. Punjab
c. Delhi
b. West Bengal
d. Tamil nadu
 7. Senna respond to..
a. Goldbeater's skin test
c. Borntrager test
b. Vitali morin test
d. None of the above
 8. The example of pseudo alkaloid:
a. Caffeine
c. Quinine
b. Atropine
d. Morphine
 9. In-plant tissue culture, the callus tissues are generated into a complete plantlet by altering the concentration _____.
a. Sugars
c. Amino Acids
b. Hormones
d. Vitamins and minerals

(PART-B :Descriptive)

Time : 2 hrs. 30 min.

Marks : 35

[Answer any seven (7) questions]

1. Write down the general steps involved in plant tissue culture(PTC) 5
2. Explain the types of adulteration of crude drugs. 5
3. Explain in detail the lycopodium spore techniques. 5
4. Write a note on edible vaccines. 5
5. Discuss the types and application of mutation 5
6. Write down the application of Plant tissue culture. 5
7. Write down classification of natural allergens along with examples. 5
8. Write down the sources, preparation and uses of Papain. 5
9. Write down the sources, preparation and uses of honey. 5

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PART-C: Long type questions

[Answer any two (2) questions]

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|---|----|
| 1. Discuss the factors affecting the cultivation of medicinal plants with suitable examples. | 10 |
| 2. Explain in details about the nutritional requirements of Plant tissue culture(PTC) | 10 |
| 3. What are marine drugs? Write down the novel medicinal agents obtained from the marine sources. | 10 |
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