

SSR Degree and PG college(A)

Department of Botany

Semester II

Paper I: Taxonomy of Angiosperms, medicinal botany and Ethnobotany

Internal II Question Bank

I. Multiple choice questions

1. The family Magnoliaceae is considered

- a) Primitive dicots
- b) Advanced monocots
- c) Gymnosperms
- d) Pteridophytes

Answer: a) Primitive dicots

2. Malvaceae is characterized by

- a) Free stamens
- b) Monadelphous stamens
- c) Diadelphous stamens
- d) No stamens

Answer: b) Monadelphous stamens

3. In Lamiaceae, the ovary is

- a) Superior
- b) Inferior
- c) Half inferior
- d) Absent

Answer: a) Superior

4. Cyperaceae differs from Poaceae mainly by

- a) Round stems
- b) Triangular stems
- c) Hollow stems
- d) Woody stems

Answer: b) Triangular stems

5. Chenopodiaceae plants are mostly

- a) Hydrophytes
- b) Halophytes
- c) Epiphytes
- d) Parasites

Answer: b) Halophytes

6. The active compound in *Andrographis paniculata* is

- a) Morphine
- b) Andrographolide
- c) Quinine
- d) Nicotine

Answer: b) Andrographolide

7. *Asparagus racemosus* is used for

- a) Fever
- b) Digestive disorders
- c) Female reproductive health
- d) Skin diseases

Answer: c) Female reproductive health

8. *Phyllanthus emblica* is rich in

- a) Vitamin A

b) Vitamin B

c) Vitamin C

d) Vitamin D

Answer: c) Vitamin C

9. *Gymnema sylvestre* is used to treat

a) Diabetes

b) Asthma

c) Cancer

d) Fever

Answer: a) Diabetes

10. *Clitoria ternatea* belongs to family

a) Malvaceae

b) Fabaceae

c) Lamiaceae

d) Poaceae

Answer: b) Fabaceae

II. Fill in the blanks

1. Magnoliaceae shows ___ floral characters.

Answer: primitive

2. Stamens in Malvaceae are ___.

Answer: monadelphous

3. Stem in Cyperaceae is ___ in shape.

Answer: triangular

4. Poaceae inflorescence unit is called ___.

Answer: spikelet

5.Lamiaceae plants have ___ stems.

Answer: quadrangular

6.The roots of *Asparagus racemosus* are ___ in nature.

Answer: medicinal

7.Ethnobotany studies the relationship between ___ and plants.

Answer: humans

8.Podu cultivation is a type of ___ cultivation.

Answer: shifting

9.Tribes depend on forests for ___ and shelter.

Answer: food

10.*Andrographis paniculata* belongs to family ___.

Answer: Acanthacea

III. Descriptive questions

1.A. Give an account on the family Malvaceae ?

(Or)

B. Explain the floral characters of the family poaceae?

2.A. Describe the active principles of *Andrographis paniculata*?

(Or)

B. Describe about Podu cultivation?