

Roll No _____

RE-APPEAR EXAMINATION
Dec, 2024



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

Course Code: BP405T **Course Name: Pharmacognosy & Phytochemistry – I Theory**
Programme Name: B. Pharmacy

Time: 2.5 Hours

Maximum Marks: 50

Instructions: The question paper consists of 32 questions divided into three-part A, B and C. Attempt all questions from section-A comprises 20 MCQs, Any two questions out of three from section-B and Any seven questions out of Nine from section-C

Section-A (20 X 1 = 20 Marks)

1	Best fibers are separated from stem by _____ a. Peeling c. Cutting	b. Mulching d. Retting	CO1
2	Asbestos is an example of _____ a. Animal fibre c. Mineral fibre	b. Wood fibre d. Synthetic fibre	CO4
3	As per Ayurveda one of the following components does not belong to Panchbhutas: a. Air c. Ether	b. Earth d. Metal	CO2
4	Siddha system of medicine originated from _____ a. Karnataka c. Tamil Nadu	b. Kerala d. Punjab	CO2
5	Hay fever is caused is _____ a. Parthenium c. Virus	b. Insect d. Rag weed	CO1
6	Parathion is _____ a. Insecticide c. Herbicide	b. Rodenticide d. Fungicide	CO1
7	First differentiated plant cell was isolated by _____ a. Hanning c. Robbins	b. Kolte d. Haberlandt	CO1
8	Regeneration capacity of plant cells are known as _____ a. Plasticity c. Micropropagation	b. Totipotency d. Differentiation	CO1
9	B-5 medium is also known as _____ a. MS medium c. Gamborg medium	b. Nitsch's medium d. White medium	CO1
10	High concentration of auxin promotes _____ a. Root c. Shoot	b. Callus d. Both shoots and roots	CO1
11	Biotransformation is possible through _____ a. Protoplast culture c. Organ culture	b. Immobilized cell culture d. Micropropagation	CO1
12	Example of Proto alkaloid is _____ a. Quinine c. Capsaicin	b. Mescaline d. Atropine	CO4
13	Alkaloids forms white colour precipitates when reacts with _____ a. Picrolonic acid c. Mercuric iodide	b. Sulphuric acid d. Hager's reagent	CO4
14	β-Glycosides are hydrolysed by _____ a. Myrosin c. Glucosidase	b. Invertase d. Emulsin	CO4
15	Aglycone part of rutin is _____		CO4

	a. Apigenin c. Vanilic acid	b. Coumarin d. Quercetin	
16	Presence of Cardienolides and Bufadienolides are identified by _____ a. Keddy Test c. Antimony Trichloride Test		CO4
17	Shinoda test confirms presence of _____ a. Alkaloid c. Tannin		CO2
18	Flavonoids are _____ a. 2-Phenyl benzoic acid c. 2-Benzopyrone		CO2
19	Hesperetin belongs to what type of flavonoid? a. Flavone c. Flavocrystallin		CO2
20	Plant sample reacts with potassium ferricyanide and ammonia to form red colour solution indicates presence of _____ a. Glycosides c. Flavonoid		CO3

Section B (2 X 10 = 20 Marks)

1	Explain various factors affecting cultivation and harvesting of crude drugs.	CO4
2	Define Adulteration and describe the various methods of adulteration using suitable examples.	CO1
3	Explain the principles of Ayurvedic system of medicine using suitable examples.	CO2

Section C (7 X 5 = 35 Marks)

1	Explain the role of various plant hormones in growth of medicinal plants.	CO2
2	Explain taxonomic classification of crude drugs.	CO1
3	Explain history and scope of Pharmacognosy.	CO1
4	Explain various types of Plant Tissue Culture.	CO3
5	Write note on biological methods of drug evaluation.	CO2
6	Describe microscopic evaluation of crude drugs.	CO2
7	Describe the principle of Homeopathic system of medicine.	CO2
8	Explain various types of fibres. Differentiate between animal and plant fibres.	CO2
9	Explain lab requirements for Plant Tissue Culture.	CO3