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Question Paper Code: 99D71

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2022

Open Elective

Civil Engineering

19UBT971- Herbal Medicines

(Common to CSE,EEE, ECE, MECH, IT , Chemical and Agriculture Engineering branches)

(Regulation 2019)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. Mention the types of macroscopic evaluation of herbal Drugs. CO3- Ana
2. Mention the advantages and disadvantages of Herbal excipients? CO3- Ana
3. Write the lifetime of herbal gels and ointments and how it is prepared. CO1- U
4. Define Law of Similia. CO1- U
5. What is the difference between functional foods and nutraceuticals? CO1- U
6. Write a note on prebiotics and probiotics. CO1- U
7. What are the effects of herb-drug interactions on various systems of a body? CO2- App
8. Write any two examples of Gums used in Cosmetics industry. CO2- App
9. Relate whether the method of curing a disease in humans or animals is patentable CO3- Ana
10. Discuss the remedies available against infringement of Breeder's Right CO3- Ana

PART – B (5 x 16= 80 Marks)

11. (a) Relate the importance of traditional Indian remedies and regional folklore in modern medicine. CO3- Ana (16)
Or
(b) Evaluate the organoleptic properties of herbal plants and what criteria would you apply in analyzing the selection of raw material. CO3- Ana (16)

12. (a) How can you relate the principles of Homeopathy System of Medicine is applied in diagnosis and treatment of diseases? CO4- E (16)
- Or
- (b) What evidence would you suggest for Preparation and Standardization of Ayurvedic Herbal products? CO4- E (16)
13. (a) If you are a nutritionist working in a Clinic, what kind of nutraceuticals will you prescribe for a patient affected with brain cancer? CO4- E (16)
- Or
- (b) If you are preparing an herbal formulation for preventing acne, what kind of raw materials would you recommend for glowing skin? Explain in detail. CO5- I (16)
14. (a) How would you show your understanding on adverse reactions of drugs and drug food interaction with appropriate examples. CO3- Ana (16)
- Or
- (b) Describe the case studies on Ginseng and Ephedra, based on their possible side effects in drug interactions. CO3- Ana (16)
- 15 (a) Discuss the case study of Neem and Curcuma in patenting. CO3- Ana (16)
- Or
- (b) What is the object of the Patent system? Explain and distinguish the patentable and non-patentable inventions under the Patent Act, 1970. CO3- Ana (16)