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Question Paper Code: 99D71

B.E. / B.Tech. DEGREE EXAMINATION, MAY 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. Expand and define AYUSH. CO1- U
2. Write a short note on Shilajit. CO1- U
3. Write the lifetime of herbal gels and ointments and how it is prepared. CO1- U
4. Define Law of Similia. CO1- U
5. Classify Nutraceuticals depending upon their characteristics and major uses. CO1- U
6. What is the difference between functional foods and nutraceuticals? 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. Highlight the Powers of the Central and State Governments under the Protection of Plant Varieties and Farmers' Rights Act 2001 CO2- App
10. Mention the ICH guidelines on herbal drug development. CO2- App

PART – B (5 x 16= 80 Marks)

11. (a) Outline and describe the Historical evolution of Herbal materials in India. CO1- U (16)

Or

- (b) Explain the importance of traditional Indian remedies and regional folklore in modern medicine. CO1- U (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) Describe schedule Z of drug and cosmetics act for ASU drugs CO2- App (16)
- Or
- (b) Explain in detail about ICH guidelines for the evaluation and assessment of herbal drugs. CO2- App (16)