

FINAL YEAR B.PHARM. SEMESTER-VII (CBCS - 2015 Course) :

SUMMER - 2019

SUBJECT : PHARMACOGNOSY – IV

Day : Saturday
Date : 04/05/2019

Time : 02.00 PM TO 05.00 PM
Max. Marks : 60

S-2019-4409

N.B.

- 1) Q.1 and Q.5 are **COMPULSORY**. Out of the remaining attempt any **TWO** questions from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.

SECTION – I

- Q.1** Answer any **FIVE** of the following: (10)
- a) What is use of resveratrol?
 - b) Write biological source of Neem.
 - c) Write different uses of Aloe.
 - d) What is nutraceutical?
 - e) Explain the term pre biotic and pro biotic with example.
 - f) What is functional food?
- Q.2** a) Explain role of natural products as immunomodulators. (06)
- b) Which are different wound healing agents from nature? Explain with suitable example. (04)
- Q.3** a) Explain DSHEA with examples. (06)
- b) What is food guide pyramid? Explain with example. (04)
- Q.4** Write short notes on any **TWO** of the following: (10)
- a) Role of AYUSH in herbal industry
 - b) Herbal hair care product
 - c) Oral bioavailability enhancer

SECTION – II

- Q.5** Answer any **FIVE** of the following: (10)
- a) What are plant bitters?
 - b) What is use of Taxus plant?
 - c) Write any two drugs obtained from natural sources.
 - d) What is target selection in drug discovery?
 - e) What is use of digoxin?
 - f) Write names of any two natural sweeteners.
- Q.6** a) Write in detail herb-drug interactions with example. (06)
- b) Explain concept of pharmacovigilance of herbal drug. (04)
- Q.7** a) Write in detail process of development of new herbal drug in market. (06)
- b) Explain role of Vinca as anticancer agent. (04)
- Q.8** Write short notes on any **TWO** of the following: (10)
- a) Natural coloring agent
 - b) Liver tonic
 - c) Natural pesticides

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