

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LQ 0121]

JANUARY 2021

Sub. Code: 2996

(APRIL 2020 EXAM SESSION)

M.PHARMACY DEGREE EXAMINATION

SEMESTER-II (PCI New regulations 2016)

PHARMACOGNOSY – MPG

PAPER II – ADVANCED PHARMACOGNOSY – II

*Q.P. Code : 262996*

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. How do you evaluate natural products for anticancer activity using both *Invitro* and *Invivo* techniques?
2. Write a detail note on the role of ethnopharmacology in the process of modern drug discovery.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Analytical profile of *Andrographis paniculata*.
2. Adulteration and substitution of herbal drugs.
3. Validation of herbal therapies.
4. Pharmacological screening natural products for diuretic activity.
5. *Invitro* evaluation technique for antimicrobial activity.
6. Detection of phytotoxins in herbal drugs.
7. Pharmacodynamic issues of herbal drugs.

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