

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

[LQ 0121]

JANUARY 2021

Sub. Code: 2992

(APRIL 2020 EXAM SESSION)

M.PHARMACY DEGREE EXAMINATION

SEMESTER-I (PCI New regulations 2016)

PHARMACOGNOSY – MPG

PAPER II – ADVANCED PHARMACOGNOSY – I

*Q.P. Code : 262992*

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Detail on the current trends and future scope of Nutraceuticals. Add a note on Flax seeds and Broccoli.
2. Explain the general methods of isolation and purification of marine natural products. Highlight the problems faced in research on marine drugs.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Current Good Cultivation Practices.
2. Digestive Enzymes.
3. Poly Unsaturated Fatty Acids.
4. Tocotrienols and Tocopherols.
5. Reporting schemes for Bio drug adverse reactions.
6. Isolation of  $\alpha$  and  $\beta$  Carotene and Xanthophyll.
7. Source, name of marker compounds, medicinal uses of :
  - a) Black Cohosh.
  - b) Green Tea.
  - c) Turmeric.

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