

Total number of printed pages-3

1 (Sem-5) BVHPT01

2025

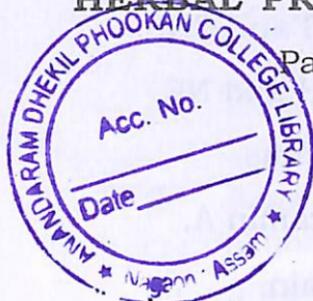
HERBAL PROCESSING TECHNOLOGY

Paper : HPT0500104

(Pharmacology)

Full Marks : 45

Time : 2 hours



The figures in the margin indicate full marks for the questions.

1. Answer the following: (*any five*) $1 \times 5 = 5$
 - (a) One example of fat soluble vitamins___
 - (b) Full form of ADE ?
 - (c) Who protect the brain ?
 - (d) What fluids surround protect the brain and spinal cord ?
 - (e) Write one example of in- voluntary action. control by CNS.
 - (f) Full form of ADME ?
 - (g) Agonist activates _____.

2. Answer the following questions : **(any five)**
2×5=10

- (a) Define Pharmacokinetics.
- (b) What is Receptor Pharmacology ?
- (c) Write the full form of ANS and CNS.
- (d) Write the meaning of ACH and NE.
- (e) Define Antioxidants Vitamins.
- (f) Write *two* examples of Vitamin A.
- (g) Write *two* functions of brain.
- (h) Write *two* estimated parameters name used in pharmacokinetics.
- (i) Mention two fluids present in kidney,
- (j) Definition of Crude drug.

3. Write short notes on : **(any four)** 5×4=20

- (a) CVS.
- (b) Main function of Sympathetic and Para-sympathetic effect.
- (c) Vitamins.
- (d) Basics of pharmacodynamics.
- (e) The source of Vitamin D

- (f) Deficiency and function of Vitamin E
- (g) Adulteration of crude drug.
- (h) Active constituents present in turmeric.

4. Answer the following question : **(any one)**
10×1=10

- (a) Describe the ADME process of pharmacokinetics.
- (b) Briefly explain the mechanism of drug action.
- (c) What is the factors modifying drug action.
- (d) Elaborate various techniques for drug development.

