

**M.D. (Dravya Guna Vigyana) : SUMMER - 2019**  
**SUBJECT : PAPER – I : NAMARUPA VIGYANA**  
**(AYURVED & MODERN PHARMACOGNOSY)**

Day : Monday  
Date : 17/06/2019

**S-2019-4189**

Time : 10.00 AM TO 01.00 PM  
Max. Marks : 100

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
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**Long Answer Questions:**

Attempt **ANY THREE** of the following: **[3 × 20 = 60]**

- Q.1** Write in detail Macroscopic and Microscopic characters of Kumari and Shatavari.
- Q.2** Explain in detail -Sanadigdha dravya vinischaya (Controversial drugs).
- Q.3** Write **FOUR** synonyms with meanings of following Dravya:  
a) Bhringraj                      c) Gokshur  
b) Chitrak                        d) Arka
- Q.4** Explain Etymological derivation of Basonyms and synonyms with suitable examples.

**Short Answer Questions:**

Attempt **ANY TWO** of the following: **[2 × 10 = 20]**

- Q.5** Write in detail Tissue culture techniques and it's use in Ayurved.
- Q.6** Anukta Dravya (Extra Pharmacopial drugs).
- Q.7** Write morphological characters of Ela and Udumbar.

Write short notes on **ANY FOUR** of the following: **[4 × 5 = 20]**

- Q.8** TKDL
- Q.9** Import and export of Ayurvedic Drugs
- Q.10** Intellectual Property Right (IPR)
- Q.11** External morphology of Bilva
- Q.12** Synonyms related to 'Desha'

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