

**Second Professional BAMS Degree Supplementary Examinations  
July 2025  
Dravyaguna Vigyan - Paper I  
(2021 Scheme)**

Time: 3 Hours

Total marks:100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw diagrams wherever necessary

**1. Multiple Choice Questions****(20x1=20)**

**The Answers to MCQ questions (Q.No. i to Q.No. xx) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only**

- i. सेन्द्रिय चेतनम् द्रव्यं निरिन्द्रिय.....।  
Sendriya chetanam dravyam, nirindriyam.....।  
a) Atmana                      b) Achetana                      c) Dravya                      d) Parthivam
- ii. Paradi gunas are also called as .....  
a) Visheshika guna      b) Artha guna                      c) Option a & b      d) Chikitsa upayogi guna
- iii. पुंसत्वंमुपहन्ति, इन्द्रियाण्युपरूणाद्धि, वलि - पलितखालित्यंमापादयति...  
{Pumsatvamuhanti valitapalitakhalithyamapadayathi} is atiyoga lakshana of .....rasa  
a) Amla                      b) Lavana                      c) Katu                      d) Kashaya
- iv. shukranashana is the guna karma of .....vipaka  
a) Katu                      b) Madhura and Amla  
c) Amla and Katu                      d) None of these
- v. According to Charaka Heartwood should be collected in which Ritu  
a) Grishma                      b) Hemantha                      c) Varsha                      d) Sisira
- vi. Complete the following shloka  
किञ्चित् रसेन कुरुते कर्म वीर्येण चपरम्।  
द्रव्यम् गुणेन पाकेन .....च किञ्चित् ॥  
{kinchita rasen kuruthe karma veeryena chaparam|  
Dravyam gunena paken ..... cha kimchita|}
- a) Dravyagunena      b) Prabhavena                      c) Kaaryena                      d) Kaaranena
- vii. "Trimada" dravyas are indicated in .....roga  
a) Madhatya                      b) Krimi                      c) Chakshushya                      d) Kushta
- viii. Following is NOT one among the Panchatikta Dravyas.....  
a) Guduchi                      b) Nimbamoola                      c) Bhisagmata                      d) Karavellaka
- ix. Following is the correct sentence for definition of pharmacovigilance  
a) Detecting ADR                      b) Preventing ADR  
c) Understanding and assessing ADR                      d) All of these
- x. CCRAS stands for  
a) Central control research in Ayurvedic science  
b) Central Council of Research in Ayurveda Sciences  
c) Central council for research in Ayurvedic and siddha  
d) central control for research in Alternative sciences
- xi. According to Surapala Vrishkayurveda, plant kingdom classified into following, except  
a) Vanaspathi                      b) Druma                      c) Lata                      d) Aushadha
- xii. Four pillars of good cultivation practice  
a) Environmental viability                      b) Social acceptability  
c) Food quality and safety                      d) All of the above

- xiii. Network pharmacology is deals with  
 a) Collecting the single drugs from different geographical region  
 b) Process by which new candidate medication are discovered  
 c) Attempting to understand drug action and interaction with multiple targets  
 d) Option b and c
- xiv. Which of the following Classes of Antibiotics act by inhibiting bacterial cell wall synthesis.  
 a) Sulphonamides b) Tetracyclins  
 c) Fluroquinolones d)Cephalosprins
- xv. Following are the not among the qualities for substitute  
 a) Should have similar pharmacological actions like that of genuine drugs  
 b) Should be available as compared to genuine drug  
 c) Should have inferior chemical and therapeutic properties  
 d) Option a and b
- xvi. ----- दीपनपाचनः  
 a) Guduchi b) Nagakisarem c) Chitraka d) Misi
- xvii. Tikshna tandula – Pippali fruits possess Tikshna guna are example for naming in Rajanighandu  
 " a) Upama b) Swabhava c) Lanchana d) Virya
- xviii. Select the incorrect sentence  
 a) Navadhanya with one year is abhishyanda in nature  
 b) Virachana dhavya should be collected from soil which is predominant of Prithvi and aap  
 c) Suamya dhavyas collected from Vindhya, Malaya and Salaparvatha  
 d) Guda, vidanga, sarpi and madhu should not be consumed after one year from its collection
- xix. Medhyakarma is shown by which among the following Rasas  
 a) Madhura b)Amla  
 c) c)Tiktha d)Both A & C
- xx. "In-silico" refers to  
 a) Network pharmacology b) Tissue culture  
 c) New extraction method d) Cryopreservation

### Short Answer Questions

(8x5=40)

- Write Panchabhautikatwa of dravya and discuss about aushadatwa of dravya.
- Define viapaka and explain the Trivida vipaka lakshana.
- Mention charakoktha mutrasangrahaneeya and mutranjaneeya dravyas and differentiate its action on mutravaha srotas.
- Define bioavailability and write mode of actions of drugs acting as coagulants and anticoagulants.
- Discuss the mode of action and types of bronchodilators and expectorants.
- Name the Panchavalkala and explain the combined therapeutic action.
- Write Dvidha veerya karma and write recent research update on determination of veeryatha of dravya
- Define Prabhava and differentiate prabhava and vichitraprathyarabdha with suitable examples.

### Long Answer Questions

(4x10=40)

- Define Guna and explain Gurvadi guna with examples.
- Discuss Panchabhautika sanghatana of shadarasa. Write karma and Atiyoga lakshana of Madhura Rasa.
- Define Chedana karma and Lekhana karma according to Sharangdhara samhita and discuss its application in different disease conditions.
- List out different dosage forms with examples and discuss the mode of action of diuretics with suitable examples.

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