

M.D. (DRAVYAGUNA VIGYANA) (2017 COURSE) : SUMMER - 2022  
SUBJECT : PAPER - I  
NAMARUPA VIGYANA (AYURVEDA AND MODERN PHARMACOGNOSY)

Day : Wednesday  
Date : 17.05.2022

Time : 10.00 A.M. To 1.00 P.M.  
Max. Marks. : 100

S18009 - 2022

N.B. :

- 1) All questions are **COMPULSORY**.
- 2) Figures to the write indicate **FULL** marks.
- 3) Draw neat diagrams **Wherever** necessary.

**Q.1** Long answer questions (LAQ) **Any Three** out of **Four** questions. **3 × 20 = 60**

- a) Write in details :- Importance of Namarupagyana of Dravya.
- b) Explain in details :- Anukta Dravya (Extrapharmacopial Drugs) in details with examples.
- c) Explain :- Controversy of
  - i) Pashanabheda
  - ii) Nagabala
  - iii) Sthouneyaka
  - iv) Triyamana
- d) Describe guidelines for quality control of Herbal formulations in detail.

**Q.2** Short answer questions (SAQ) **Any Two** out of **Three** questions. **2 × 10 = 20**

- a) Explain in details :- Biodiversity.
- b) Write 2-2 synonyms with meanings :-
  - i) Chitraka
  - ii) Ashwasandha
  - iii) Arka
  - iv) Gokshura
  - v) Haridra
- c) Explain :- Transverse section of Guduchi with suitable diagram.

**Q.3** Write short notes **Any Four** out of **Five**. **4 × 5 = 20**

- a) Tissue culture techniques.
- b) TKDL
- c) Intellectual Property Right (IPR)
- d) External Morphological characters of Dadima.
- f) API

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**AYURVEDA VACHASPATI (M.D.AYURVEDA) (2017 COURSE)**  
**Specialisation DRAVYAGUNA VIGYANA :SUMMER- 2022**  
**SUBJECT : PAPER-II GUNA KARMA VIGYAN (AYURVEDIC & MODERN**  
**PHARMACOLOGY)**

Day : Thursday  
Date : 18-08-2022

S-18010-2022

Time : 10:00 AM-01:00 PM  
Max. Marks : 100

**N. B. :**

- 1) All questions are **COMPULSORY**.
- 2) Draw neat and labelled diagrams **WHEREVER** necessary.

**Long Answer Questions(LAQ) ANY THREE out of FOUR (3 × 20 = 60 Marks)**

- Q. 1 Describe fundamental principles of drug action in Ayurved and conventional medicine.
- Q. 2 Define Rasa. Explain clinical aspect of Atiyoga of each Rasa.
- Q. 3 Explain Similarities and Dissimilarities between Guna and Veerya.
- Q. 4 Write in details:
  - a) Vyavayi
  - b) Medhya
  - c) Stambhana
  - d) Sandynasthapana

**Short Answer Questions(SAQ) ANY TWO out of THREE (2 × 10 = 20 Marks)**

- Q. 5 Explain the mode of action of any two drugs on Asthimajjavaha Strotasa.
- Q. 6 Explain- Heavy Metal Analysis.
- Q. 7 Clinical importance of Avasthapaka.

**Write Short Notes on ANY FOUR out of FIVE (4 × 5 = 20 Marks)**

- Q. 8 Domperidone
- Q. 9 Trividha Vipaka
- Q.10 Stanyajanana karma
- Q.11 Lapsika kalpana in Bhav Prakash
- Q.12 Parthiva Dravya

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**AYURVEDA VACHASPATI (M.D.AYURVEDA) (2017 COURSE)**  
**Specialisation DRAVYAGUNA VIGYANA :SUMMER- 2022**  
**SUBJECT : PAPER-III PRAYOGAVIGYANA (PHARMACOTHERAPEUTICS /**  
**CLINICAL PHARMACOLOGY)**

Day : Saturday

Time : 10:00 AM-01:00 PM

Date : 20-08-2022

**S-18011-2022**

Max. Marks : 100

**N. B. :**

- 1) All questions are **COMPULSORY**.
- 2) Draw neat and labelled diagrams **WHEREVER** necessary.

**Long Answer Questions(LAQ) ANY THREE out of FOUR (3 × 20 = 60 Marks)**

- Q. 1 Explain the action of 2 – 2 Dravyas on Vatavyadhi and Shwasa.
- Q. 2 Explain in details - Pharmacovigilance.
- Q. 3 Explain Routes of Drug administration according to Ayurveda and Modern Pharmacology.
- Q. 4 Write Aamayika Prayoga (Therapeutic Uses) of :
  - a) Bakuchi
  - b) Aaragvadha
  - c) Khadir
  - d) Kushmanda

**Short Answer Questions(SAQ) ANY TWO out of THREE (2 × 10 = 20 Marks)**

- Q. 5 Pathyapathya of Atisara.
- Q. 6 Explain in detail - Matra.
- Q. 7 Explain in detail-Pharmacogenomics.

**Write Short Notes on ANY FOUR out of FIVE (4 × 5 = 20 Marks)**

- Q. 8 Therapeutic use of Ushakadi Gana in Ashtanghrudaya.
- Q. 9 Parijataka – Jwara
- Q.10 Explain doses of Vishadravya with examples
- Q.11 Explain Aushadhi Sevankala in Apanvayu vikar with examples
- Q.12 Trushna – Patola

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**AYURVEDA VACHASPATI (M.D.AYURVEDA) (2017 COURSE)**  
**Specialisation DRAVYAGUNA VIGYANA :SUMMER- 2022**  
**SUBJECT : PAPER-IV NIGHANTU & YOGA VIGYANA (MATERIA MEDICA & FORMULATIONS)**

Day : Monday

Time : 10:00 AM-01:00 PM

Date : 22-08-2022

S-18012-2022

Max. Marks : 100

**N.B. :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the write indicate **FULL** marks.
- 3) Draw neat diagrams **Wherever** necessary.

**Q.1** Long answer questions (LAQ) Any **Three** out of **Four** questions. **3 × 20 = 60**

- a) Explain Author, Utility and Features of Bhavprakash Nighantu.
- b) Write about Author, period and content of Dhanvantari Nighantu with it's speciality.
- c) Write in details:- Definition, Processing, Uses of Kwath Kalpana with suitable examples.
- d) Write in details about :- Ekala Aushadha Kalpana in Sharangdhara Samhita.

**Q.2** Short answer questions (SAQ) Any **Two** out of **Three** questions. **2 × 10 = 20**

- a) Write in details about :- Neutraceuticals.
- b) Write about Madyasandhana.
- c) Madhava Dravyaguna.

**Q.3** Write short notes Any **Four** out of **Five**. **4 × 5 = 20**

- a) Department of AYUSH.
- b) Varnya Karma in Ayurved.
- c) Priya Nighantu.
- d) Food additives
- f) AFI

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