

VIJAYDRUG: (2012 COURSE): SUMMER – 2016
SUBJECT: PAPER – I: VAIYAKTIKA SWASTHAVRITIAM SADVRITIAM CHA
(PERSONAL HYGIENE AND MORAL CONDUCT)

Day: Monday
Date: 06/06/2016

Time 10.00 AM TO 01.00 PM
Max. Marks: 100

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers will be valued as a **WHOLE**.

Long Answer Questions: (Any THREE out of FOUR) (3 x 20 = 60 Marks)

- Q.1** Explain Dinacharya in detail and mention its role in maintenance of health. (20)
- Q.2** Describe concept of holistic health according to Ayurveda and discuss parameters of Health. (20)
- Q.3** Write the classification of Rutus and explain Shodhana according to rutu's for maintainance of health. (20)
- Q.4** Write classification of Ahar as per Ayurveda and modern Science. Explain vitamins in detail. (20)

Short Answer Questions (Any TWO out of THREE) (2 x 10 = 20 marks)

- Q.5** Write importance at Aharvidhi-Visheshayatan with respect to health. (10)
- Q.6** Describe dharaniya vega in detail. (10)
- Q.7** Describe Nidra in detail. (10)

Short notes (Any FOUR out of FIVE) (4 x 5 = 20 marks)

- Q.8** Sadvritta (05)
- Q.9** Pros and cons of Non vegetarian food (05)
- Q.10** Vyayama (05)
- Q.11** Botulism (05)
- Q.12** Balanced diet for a pregnant women (05)

VIJAYDRUG: (2012 COURSE): SUMMER – 2016
SUBJECT: PAPER – II: SAMAJIKA SWASTHAVRITAM
(COMMUNITY HEALTH)

Day: Tuesday
Date: 07/06/2016

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

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers will be valued as a **WHOLE**.

Long Answer Questions: (Any THREE out of FOUR) (3 x 20 = 60 Marks)

- Q.1** Define Demography. Describe about stages of demographic cycle and give (20) detailed explanation of methods to control population.
- Q.2** Describe Occupational Hazards and prevention of occupational disease in (20) detail.
- Q.3** Describe importance of water, water requirements, properties, types and (20) sources of water, water pollution and health hazards. Write methods of water purification in detail.
- Q.4** Describe the importance of disposal of waste and explain in detail methods of (20) sewage disposal in sewerred and unsewerred areas.

Short Answer Questions (Any TWO out of THREE) (2 x 10 = 20 marks)

- Q.5** Write about effects of pollution and global warming on health. (10)
- Q.6** Describe old age problems in community and write about role of Ayurveda in (10) Geriatrics.
- Q.7** Explain Hookworm infection and its preventive aspects in detail. (10)

Short notes (Any FOUR out of FIVE) (4 x 5 = 20 marks)

- Q.8** Vayu shuddhi karna (05)
- Q.9** National population policy (05)
- Q.10** Antinetal care- Garbhini Paricharya (05)
- Q.11** Bhumi Shodhana (05)
- Q.12** Prakash (lighting) (05)

VIJAYDRUG: (2012 COURSE): SUMMER – 2016
SUJBECT: PAPER – III: SAMKRAMAKA ROGA PRATISHEDHAM EVAM
SWASTHYAPRASHASANAM
(EPIDEMIOLOGY AND HEALTH ADMINISTRATION)

Day: Thursday
Date: 09/06/2016

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

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers will be valued as a **WHOLE**.

Long Answer Questions: (Any THREE out of FOUR) (3 x 20 = 60 Marks)

- Q.1** Write in detail about Central, state and district health administration including Panchayat Raj system. (20)
- Q.2** Describe Vyadhikshamatva (immunity) – modern and Ayurvedic concept in detail. (20)
- Q.3** Describe in brief about National and International health agencies. Explain their current activities, role in disease prevention and control at community level. (20)
- Q.4** Describe about Tuberculosis, its causative factors, modes of transmission, clinical features, management and preventive measure in detail. (20)

Short Answer Questions (Any TWO out of THREE) (2 x 10 = 20 marks)

- Q.5** Describe about Bio- medical waste management and its importance in prevention of disease. (10)
- Q.6** Describe about AYUSH, NRHM administration, function and programmes. (10)
- Q.7** Describe the national vector borne disease control programme. (10)

Short notes (Any FOUR out of FIVE) (4 x 5 = 20 marks)

- Q.8** Health advise to travellers (05)
- Q.9** D. P. T. vaccine (05)
- Q.10** Prevention of AIDS (05)
- Q.11** Sources of Health Statistics (05)
- Q.12** Ayurvedic view of samkramaka rogas (05)

VIJAYDRUG: (2012 COURSE): SUMMER – 2016
SUBJECT: PAPER – IV: YOGA

Day: Friday
Date: 10/06/2016

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

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers will be valued as a **WHOLE**.

Long Answer Questions: (Any THREE out of FOUR) (3 x 20 = 60 Marks)

- Q.1** Describe about massage therapy, its types, indications, contra-indications and therapeutic effects in detail. (20)
- Q.2** Mention history, origin of modern day's nisargopchara and name few pioneers of nisargopchara. Describe principles of nisargopchara in detail. (20)
- Q.3** What is Ashtang yoga? Explain pranayama, pranayama- abhyasa kala, matra, yogya- ayogya parinam (effect) of pranayam and types of kumbhak in detail. (20)
- Q.4** What is Asana? Explain Paschimotanasana, Sarvangasana, Dhanurasana and Pawanmuktasana in detail. (20)

Short Answer Questions (Any TWO out of THREE) (2 x 10 = 20 marks)

- Q.5** Describe the concept of Sthula, Sukshma and Karana sharira. (10)
- Q.6** What is Chromotherapy? Describe about its method, indications, contra-indications, effect and therapeutic utility of Chromotherapy. (10)
- Q.7** Explain Naishthiki chikitsa and Satya Buddhi. (10)

Short notes (Any FOUR out of FIVE) (4 x 5 = 20 marks)

- Q.8** Mrutika Snana (05)
- Q.9** Kundalini (05)
- Q.10** Definitions of yoga (05)
- Q.11** Yogic practices in musculo –skeletal disorders (05)
- Q.12** Pancha kosha (05)

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RAVI – (2012 COURSE) (COMMON FOR ALL BRANCHES) : SUMMER-2016
SUBJECT : PAPER – I : RESEARCH METHODOLOGY AND BIO / MEDICAL
STATISTICS

Day : Monday
Date : 06/06/2016

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

N.B. :

- 1) Use **SEPARATE** answer sheets for each section.
- 2) Draw neat diagrams **WHEREVER** necessary.

SECTION - A

Long answer questions (LAQ) 2 x 15 = 30 Marks :

Write **Any TWO** long questions out of **THREE** :

- Q.1** Write in details about ancient and advance methodology for Drug Research. (15)
- Q.2** Describe different methods of literature review with advantages and limitations. (15)
- Q.3** Explain importance and methods of fundamental research with examples. (15)

Short notes 6 x 5 = 30 Marks :

- Q.4** Write **Any SIX** short notes out of **SEVEN** : (30)
- a) Phase IV clinical trail
 - b) Importance of pharmacovigilance
 - c) Bibliography writing methods
 - d) Retrospective studies
 - e) Importance of Survey study
 - f) Network physiology
 - g) Tantrayukti and Research

SECTION -B

Long answer questions (LAQ) 2 x 15 = 30 Marks :

Write **Any TWO** long questions out of **THREE** :

- Q.1** The following data gives the values of acidic reactions of solution (pH test). (15)
Test whether there is a significant difference between 2 groups.
Group A 7 7.8 7.9 8 7.6 7.4
Group B 6.8 7.4 7 7.2 7.4 6.7
(Where $t_g = 2.262$)
- Q.2** What is sampling, explain random and non random sampling in details. (15)
- Q.3** Explain nonparametric tests and write down any one test with illustration. (15)

Short notes 2 x 5 = 10 Marks :

- Q.4** Write **Any TWO** short notes out of **THREE** : (10)
- a) Prevalence
 - b) Standard error
 - c) Types of variables
- * * * * *

RAVI - I (2012 COURSE) (COMMON FOR ALL BRANCHES) : WINTER - 2016
SUBJECT : PAPER – I : RESEARCH METHODOLOGY AND BIO / MEDICAL STATISTICS

Day : Monday
Date : 28/11/2016

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

N.B. :

- 1) Use **SEPARATE** answer sheets for each section.
- 2) Draw neat diagrams **WHEREVER** necessary.

SECTION - A

Long answer questions (LAQ) 2 x 15 = 30 Marks :

Write **Any TWO** long questions out of **THREE** :

- Q.1** Write definition of research and describe in detail the principles and methods of toxicity study. (15)
- Q.2** Write in detail about cohort study and randomized controlled trials and their types with examples. (15)
- Q.3** Write about different types of referencing and bibliography. (15)

Short notes 6 x 5 = 30 Marks :

- Q.4** Write **Any SIX** short notes out of **SEVEN** : (30)
- a) Hypothesis formation
 - b) Importance of Animal study
 - c) Concepts of system biology
 - d) Application of yukti praman in research
 - e) Process of Drug discovery
 - f) Types of survey study
 - g) Importance of good manufacturing practices

SECTION - B

Long answer questions (LAQ) 2 x 15 = 30 Marks :

Write **Any TWO** long questions out of **THREE** :

- Q.1** Write concepts, relevance and general applications of biostatistics in Ayurved. (15)
- Q.2** Write definition, types and laws of probability. (15)
- Q.3** Following data shown effect of Ajamoda (*Carum roxburghianum*) churna on weight of children in intestinal nematodes. (15)
Check this significantly effective or not ($t_g = 2.306$)
- | | | | | | | | | | |
|-----------|----|----|----|----|----|----|----|----|----|
| Weight BT | 20 | 18 | 19 | 18 | 23 | 30 | 25 | 26 | 25 |
| Weight AT | 23 | 21 | 19 | 19 | 25 | 30 | 26 | 27 | 24 |

Short notes 2 x 5 = 10 Marks :

- Q.4** Write **Any TWO** short notes out of **THREE** : (10)
- a) Statistical software
 - b) Inclusive and exclusive classification
 - c) P value
- * * * * *

RAVI – (2012 COURSE): SUMMER – 2016
SUBJECT: PAPER – II: SWASTHA VRITTA & YOGA

Day: Wednesday
Date: 08/06/2016

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

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 2) Answers to both the sections should be written in **SEPARATE** answer books
- 3) Draw diagrams **WHEREVER** necessary.

SECTION-A

Long Answer Questions (LAQ) 2 x 15 = 30

- Q.1** Explain the concept of Health as per Ayurved Samhitas and Modern Medicine (15) in detail.
- Q.2** Write in detail about Dinacharya procedures for health promotion explained in Ayurved Samhitas. (15)

Short Answer Questions (SAQ) 1 x 10 = 10 Marks.

- Q.3** Explain concept of Trayopastambha in health promotion and prevention of disease. (10)

Short notes 2 x 5 = 10 Marks:

- Q.4** Write any **TWO** short notes out of **THREE**: (10)
- a) Role of Panchakarma in preventive medicine
 - b) Bahiranga yoga for health promotion
 - c) Mruttika chikitsa

SECTION -II

Long Answer Questions (LAQ) 2 x 15 = 30

- Q.5** Explain in detail levels of disease prevention, concept of disease control and intervention strategies. (15)
- Q.6** Describe water purification on a large scale in detail. Write about water purification concept in Ayurveda. (15)

Short Answer Questions (SAQ) 1 x 10 = 10 Marks.

- Q.7** Describe the role of Swasthavritta in prevention of Asamkramaka Roga's. (10)

Short notes 2 x 5 = 10 Marks:

- Q.8** Write any **TWO** short notes out of **THREE**: (10)
- a) Biomedical waste management –concept and necessity
 - b) Principles of Health Education

