

**ARNALA -: (2012 COURSE) SUMMER- 2016**  
**SUBJECT: PAPER- I: SHIRO- NASA- KARNA- KANTHA ROGA VIGYAN MAULIKA**  
**SIDDHANTA AND VANGMAYA**

Day: Monday  
Date: 06/06/2016

Time: 10.00 AM TO 01.00 PM  
Max Marks: 100

**N.B:**

- 1) Figures to the right indicate **FULL** marks.

Long Answer Questions: (Any **THREE** out of **FOUR**) **(3x20= 60 marks)**

- Q.1** Explain the types, clinical features and treatment of different types of Pratishtyaya according to different acharyas.
- Q.2** Describe the shastra- kshara and agnikarma explained in karna and Nasa Rogas.
- Q.3** Write the shodhana and Shamana chikitsa in Shiro roga.
- Q.4** Explain karna and nasa sandhana vidhi described in Sushruta Samhita.

Short Answer Questions :( Any **TWO** out of **THREE**) **(2x10= 20 marks)**

- Q.5** Write the types, indications, procedure and benefits of Dhoomapana.
- Q.6** Write in detail Nasya vidhi
- Q.7** Kawal and Gandush

Short notes: (Any **FOUR** out of **FIVE**) **(4x5= 20 marks)**

- Q.8** Nadiyantra
- Q.9** Vranabandhan in ENT
- Q.10** Treatment of Badhirya
- Q.11** Local anaesthetic techniques in nose and paranasal sinuses
- Q.12** Anantvata

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**ARNALA -- (2012 COURSE) SUMMER- 2016**  
**SUBJECT: PAPER- II: AYURVEDIYA SHIRO- NASA- KARNA- KANTHA**  
**ROGA VIGYAN**

Day: Tuesday  
Date: 07/06/2016

Time: 10.00 AM TO 01.00 PM  
Max Marks: 100

**N.B:**

- 1) Figures to the right indicate **FULL** marks.

Long Answer Questions: (Any **THREE** out of **FOUR**) (3x20= 60 marks)

- Q.1** Explain the etiology, classification, clinical features, complications and management of shirahshoola.
- Q.2** Describe the kriya kalpas mentioned in the management of Shiro- Karna- Nasa- Kantha rogas.
- Q.3** Describe the nidana panchaka of karnshool.
- Q.4** Write the etiology, clinical features, classifications and management of Nasarsha, and Nasagata raktapitta.

Short Answer Questions : ( Any **TWO** out of **THREE**) (2x10= 20 marks)

- Q.5** Explain dhoomapana in Nasa rogas.
- Q.6** Clinical examination of throat.
- Q.7** Clinical features and management of Badhirya.

Short notes: (Any **FOUR** out of **FIVE**) (4x5= 20 marks)

- Q.8** Darunaka
- Q.9** Apinasa
- Q.10** Pathya Apathya in kantha rogas
- Q.11** Dipta
- Q.12** Karnasrava

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**ARNALA -: (2012 COURSE) SUMMER- 2016**  
**SUBJECT: PAPER- III: ADHUNIKA SHIRO- NASA- KANTHA ROGA VIGYAN**

Day: Thursday  
Date: 09/06/2016

Time: 10.00 AM TO 01.00 PM  
Max Marks: 100

**N.B:**

- 1) Figures to the right indicate **FULL** marks.

Long Answer Questions: (Any **THREE** out of **FOUR**) (3x20= 60 marks)

- Q.1 Give detailed description of C.S.O.M.
- Q.2 Explain the etiology, clinical features, investigations and treatment of Epistaxis.
- Q.3 Explain acute and chronic sinusitis and its medical and surgical management.
- Q.4 Describe speech disorders and speech therapy.

Short Answer Questions :( Any **TWO** out of **THREE**) (2x10= 20 marks)

- Q.5 Management of Nasalpolyps.
- Q.6 Etiology and management of Laryngitis.
- Q.7 Tracheostomy.

Short notes: (Any **FOUR** out of **FIVE**) (4x5= 20 marks)

- Q.8 Rehabilitation of Deaf and mute.
- Q.9 Migraine
- Q.10 Dysphagia.
- Q.11 Foreign body in ear and its management.
- Q.12 Trigeminal neuralgia.

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**ARNALA -: (2012 COURSE) SUMMER- 2016**  
**SUBJECT: PAPER- IV: SHIRO- NASA- KARNA- KANTHA ROGA VIGYAN-**  
**SHALYA CHIKITSA**

Day: Friday  
Date: 10/06/2016

Time: 10.00 AM TO 01.00 PM  
Max Marks: 100

**N.B:**

- 1) Figures to the right indicate **FULL** marks.

Long Answer Questions: (Any **THREE** out of **FOUR**) **(3x20= 60 marks)**

- Q.1 Explain tympanoplasty in detail.  
Q.2 Write indications, contraindications, method and benefits of Cochlear implant.  
Q.3 Explain various post operative care in ENT.  
Q.4 Describe the procedure of karna Sandhana and Nasa Sandhana.

Short Answer Questions :( Any **TWO** out of **THREE**) **(2x10= 20 marks)**

- Q.5 Methods for the removal of foreign body in the ear.  
Q.6 Septoplasty.  
Q.7 Haemostatic management in ENT.

Short notes: (Any **FOUR** out of **FIVE**) **(4x5= 20 marks)**

- Q.8 Antral puncture.  
Q.9 Indications, contraindications and complications of Adenoidectomy.  
Q.10 Turbinectomy.  
Q.11 Indications for FESS.  
Q.12 Mastoid retractor

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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). Test whether there is a significant difference between 2 groups. (15)
- |         |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|
| 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
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**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: SHALAKYA- SHIRO- NASA- KARNA- AVUM**  
**KANTHA ROGA**

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

**SECTION-A**

- Q.1** Write hetu and chikitsa of 'Karma-Nada and Karna Kshweda. (15)
- Q.2** Explain chaturvidha chikitsopaya related to shiro-Nasa-Karna avum kantharog. (15)
- Q.3** Describe 'Marmas' related to shiro- Nasa- Karna- Kantharog. (10)
- Q.4** Write short notes on any **TWO**: (10)
- a) Deepta
  - b) Apamarga kshara
  - c) Adhrusha

**SECTION-B**

- Q.5** Write Nasarsha (Nasal Polyps) and its treatment in detail. (15)
- Q.6** Write Gala- Sharir (Anatomy of pharynx) and explain pharyngitis with its treatment. (15)
- Q.7** Describe 'Shiro-Basti' chikitsa related to Shiro-Nasa-Karna avum kantharog. (10)
- Q.8** Write short notes on any **TWO**: (10)
- a) Xylocain
  - b) Balas
  - c) Darunak

