

ANKULA (2012 COURSE) : SUMMER – 2016
SUBJECT : PAPER – I : BIJA, GARBHA VIGYANIYA (HUMAN GENETICS, EMBRYOLOGY)

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) Draw neat diagrams **WHEREVER** necessary.

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

- Q.1** Describe the Beeja, Beejabhaga and Beejabhagavayava abnormalities of different systems. (20)
- Q.2** Explain the masanumasik vridhdhi (month wise growth) kram of Garbha. (20)
- Q.3** Give the description on Aparā Nirman (formation of placenta) and Aparā Vikara (Placental abnormalities) (20)
- Q.4** Write formation of Prakriti and explain their assessment in Balyavastha. (20)

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

- Q.5** Describe the garbhopaghatakara Bhavas in detail. (10)
- Q.6** Discuss the measures mentioned in Ayurveda for "Better Progeny". (10)
- Q.7** Describe the multi-factorial pattern of inheritance. (10)

Write short notes on any **FOUR** out of **FIVE** (4x5 = 20 marks)

- Q.8** Effect of maternal illness over fetus (05)
- Q.9** Genetic counseling (05)
- Q.10** Umbilical cord (05)
- Q.11** Pyloric Stenosis (05)
- Q.12** Perinatal care (05)

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ANKULA (2012 COURSE) : SUMMER – 2016
SUBJECT : PAPER – II : NAVAJATA SHISHU VIGYANA EVAM POSHANA

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) Draw neat diagrams **WHEREVER** necessary.

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

- Q.1 Describe the Navjata Shishu Paricharya and Pranpratyagamana vidhi of new born in details. (20)
- Q.2 Explain the Pandu (Anemia) of Neonate and its management. (20)
- Q.3 Describe the examination of Pre-term new born and its management. (20)
- Q.4 Describe the Neonatal Emergencies and their management. (20)

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

- Q.5 Diagnosis and management of Neonatal convulsion. (10)
- Q.6 Describe the method and indication of Lumber puncture. (10)
- Q.7 Describe the process and indication of Umbilical vein catheterization. (10)

Write short notes on any **FOUR** out of **FIVE** (4x5 = 20 marks)

- Q.8 Neonatal Hypothermia (05)
- Q.9 Navjatashishu Vargikarana and Paribhasha (05)
- Q.10 Infantile Colic (05)
- Q.11 Aspiration Pneumonia (05)
- Q.12 Phototherapy (05)

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ANKULA (2012 COURSE) : SUMMER – 2016
SUBJECT : PAPER – III : BALROGA (PEDIATRIC DISORDERS)

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) Draw neat diagrams **WHEREVER** necessary.

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

- Q.1** Describe the causes, sign and symptoms and management of krimi Roga. (20)
- Q.2** Explain the Nidan (causes), chikitsa (treatment) and pathy-Apathya of “Kasa vyadhi” in children according to Ayurved and Modern Medicine. (20)
- Q.3** Describe childhood Tuberculosis. (20)
- Q.4** Describe the Types, Nidan (causes), Lakshana (sign and symptoms) and chikitsa (treatment) of “Phakka vyadhi”. (20)

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

- Q.5** Discuss the causative factors, management and prognosis of Masurika-Chickenpox. (10)
- Q.6** Differential diagnosis and management of Fever with chills in children. (10)
- Q.7** Nidan (causes), Lakshana (Signs and Symptoms) and chikitsa (treatment) of Tamaka Shwasa (Childhood Asthma). (10)

Write short notes on any **FOUR** out of **FIVE** (4x5 = 20 marks)

- Q.8** Charmadal (05)
- Q.9** Guda bhramsha (05)
- Q.10** Napkin Rashes (05)
- Q.11** Udarshula (pain in abdomen) in children (05)
- Q.12** Febrile Convulsion (05)

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ANKULA (2012 COURSE) : SUMMER – 2016
SUBJECT : PAPER – IV : BALAPOSHNA, SAMVARDHANA (NUTRITION, GROWTH AND DEVELOPMENT AND RECENT ADVANCES IN KAUMARBHRITYA)

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) Draw neat diagrams **WHEREVER** necessary.
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Long Answer Questions : Any **THREE** out of **FOUR** (3x20 = 60 marks)

- Q.1** Which are the stanyadushtijanya Balarog? Explain kukunak Vyadhi in detail? (20)
- Q.2** Discuss the life style disorders and their management in pediatrics. (20)
- Q.3** Describe Vedana Adhyaya and its importance in pediatric practice. (20)
- Q.4** Importance of Kashyapa Samhita in Kaumarbhritya. (20)

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

- Q.5** Describe the Lehan. (10)
- Q.6** Management of Pediatric disabilities and rehabilitation. (10)
- Q.7** Describe the growth and development and mile stones of child from 2 to 5 years of age. (10)

Write short notes on any **FOUR** out of **FIVE** (4x5 = 20 marks)

- Q.8** Stanya Sampat (05)
- Q.9** Child psychology (05)
- Q.10** Alternative feeding in absence of breast milk. (05)
- Q.11** Breast milk banking (05)
- Q.12** Drug and dosage in Pediatric practice. (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
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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
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RAVI – (2012 COURSE) SUMMER-2016
SUBJECT: PAPER-II KAUMAR BHRITYA –BALAROGA

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 sheet for both section.
- 3) Draw neat diagrams **WHEREVER** necessary.

SECTION-I

Long Answer Question (LAQ) 2x15 = 30 marks

- Q.1** Explain in detail Ayurvedic and modern clinical methods of examination of healthy newborn and children (15)
- Q.2** Explain ayurvedic concept of drug doses, administration and other important factors of consideration in children. (15)

Short Answer Questions (SAQ) 1x10 = 10 marks

- Q.3** Explain the concept of Growth and Development with its Assessment. (10)

Short notes 2x5 = 10 marks

- Q.4** Write notes on **ANY TWO** of the following : (10)
- a) Importance of Kashyapa samhita in kaumarbhritya
 - b) Factors affecting Growth and Development
 - c) Annaprashan samskara

SECTION-II

Long Answer Question (LAQ) 2x15 = 30 marks

- Q.5** Explain the concept of vyadhikshamatva avam vardhanopaya according to ayurveda. (15)
- Q.6** Write ingredients, indications of following kalpas (15)
Haridra Khand
Ashtamangal Ghrita
Kumarkalyan rasa

Short Answer Questions (SAQ) 1x10 = 10 marks

- Q.7** Describe the common instruments and their applications in new born care (10)

Short notes 2x5 = 10 marks

- Q.8** Write notes on **ANY TWO** of the following : (10)
- a) Pediatric Laryngoscope
 - b) Phototherapy
 - c) Dantodbhedagadantaka Rasa

