ANKULA (2012 COURSE) : SUMMER 2017
SUBJECT: PAPER – I : BIJA, GARBHA VIGYANIYA (Human genetics, embryology)

Day: Monday
Date: 19/06/2017

Time: 10.00 AM TO 01.00 PM
Max Marks. 100

N.B.
1) Draw neat diagrams WHEREVER necessary.
2) Figures to the right indicate FULL marks.
3) Medium of answer English or Hindi only

Long answer questions any THREE of FOUR (20 X 3 = 60)

Q.1 Write briefly about the role of Matrija and Pitraja Shabdhaiva in the development of different Garbha-Anga-Angavayava during in-utero life. (20)

Q.2 Discuss the measures which are required for obtaining good progeny. (20)

Q.3 Write the summary and discuss their applicability of important topics mentioned in Atulyagotriya chapter of Charaka Samhita. (20)

Q.4 Write about the chromosomal pattern and abnormality occurring on Down's syndrome. Write in detail its clinical manifestations and diagnosis. (20)

Short answer questions any TWO of THREE (10 X 2 = 20)

Q.5 Discuss the Garbhopaghatakara Bhava and its importance in the development of foetus. (10)

Q.6 Describe Spermatogenesis. (10)

Q.7 Write about the Jamnajata Jalashirshaka (Congenital hydrocephalus) including its line of management. (10)

Short notes any THREE of FOUR (5 X 4 = 20)

Q.8 a) Formation of Prakriti of a foetus & its importance for management of any disorder. (05)

b) Klinefelter syndrome (05)

c) Types of twins (05)

d) Types of trachea – oesophageal fistulas (05)

e) Meningomyelocele (05)
ANKULA - (2012 COURSE) : SUMMER 2017
SUBJECT: PAPER – II : NAVAJATA SHISHU VIGYANA EVAM POSHANA

Day: Tuesday
Date: 20/06/2017

Time: 10.00 AM TO 01.00 PM
Max Marks. 100

N.B.
1) Draw neat diagrams WHEREVER necessary.
2) Figures to the right indicate FULL marks.
3) Medium of answer English or Hindi only

Long answer questions any THREE of FOUR (20 X 3 = 60)

Q.1 Write neonatal examination in detail in relation to Lakshanadhyaya of Kashyapa Samhitaa. (20)

Q.2 Discuss the care to be taken of new born child at the time of delivery, transitional period and post transitional period in light of Ayurveda and current medical sciences. (20)

Q.3 Write the management of Navajata Shishugata Akshepakaroga (Neonatal seizures) based on their aetio-pathogenesis. (20)

Q.4 Differentiate Navajata Rakta Vishamayata (Neonatal Septicaemia) with Rakta Vishamayata (Rh - incompatibility). Also write the line of management of these disorders based on their diagnosis. (20)

Short answer questions any TWO of THREE (10 X 2 = 20)

Q.5 Classify the childhood age group according to Ayurveda and modern paediatrics (Shishu Vaya Vargikarana). (10)

Q.6 Write the management of a neonate who is born at a gestational age of 30 weeks. (10)

Q.7 Write briefly, indications and contraindications of CPR (Cardio-pulmonary-resuscitation) with bug and mask, CPR with ETT (Endo-Tracheal Tube and medications in reference to asphyxiated neonate. (10)

Short notes any THREE of FOUR (5 X 4 = 20)

Q.8 a) Kumaragara (05)
b) Navajata Netrabhisthyananda (Ophthalmia Neonatrum) (05)
c) Upashishaka (Cephalohaematoma/Caput Succedaneum) (05)
d) Cord care according to Ayurveda (05)
e) Puyasphota (Pyoderma) (05)
RAVI 2012 COURSE: SUMMER-2017
SUBJECT: PAPER-II: KAUMAR BHIRTYA-BALAROGA

Day: Wednesday
Date: 21/06/2017
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 labeled diagrams WHEREVER necessary.

SECTION-A

Q.1 Write in detail Vayobheda according to various classics. (15)

Q.2 Write the Ayurvedic and modern clinical methods of examination of a diseased Child. (15)

Q.3 Explain in detail the strength of Ayurveda specific to Child care. (10)

Q.4 Write short notes on ANY TWO of the following: (10)
   a) Childhood Sanskara
   b) Principles of child psychology
   c) Classification and Karmas of Doshas

SECTION-B

Q.5 Write in detail the concept of Bala rasayana and its application in diseases in children. (15)

Q.6 Explain in detail the instruments used during Newborn care and their application. (15)

Q.7 Write the Guna and Karma of the following drugs. (10)
   i) Yashtimadhu    ii) Shunti
   iii) Mandukaparni iv) Amalaki

Q.8 Write short notes on ANY TWO of the following: (10)
   a) Sitopaladi Choorna
   b) Krimikutara Rasa
   c) Rajanyadi Choorna
Long answer questions any **THREE** of **FOUR** (20 X 3 = 60)

**Q.1** Discuss the aetiology, clinical features, diagnosis and management of *Tamaka Shwasa* in children. (20)

**Q.2** Write the differential diagnosis, investigations and management of *Vrikkashotha* (Glomerulonephritis) and Nephrotic syndrome. (20)

**Q.3** Write the principles of *Ayurveda* management for a child who is suffering from *Atisara* (Acute Diarrhoea) associated with dehydration. Give the explanation of each step of management of diarrhea in the light of modern medical sciences. (20)

**Q.4** Write the signs and treatment of vitamin ‘A’ and vitamin ‘D’ deficiency including that of hypervitaminosis. (20)

Short answer questions any **TWO** of **THREE** (10 X 2 = 20)

**Q.5** Write the emergency management of status epilepticus. (10)

**Q.6** Discuss the management of Dengue Haemorrhagic Fever. (10)

**Q.7** Write about Simple Febrile Convulsions. (10)

Short notes any **THREE** of **FOUR** (5 X 4 = 20)

**Q.8** a) Diagnostic tests for Typhoid fever (05)
   b) Screening and confirmatory tests for Kala-azar (05)
   c) *Putanaa* and *Shushka Revati grahas* (05)
   d) MMR vaccine (05)
   e) NIS (National Immunization Schedule) (05)
ANKULA - (2012 COURSE) : SUMMER 2017
SUBJECT: PAPER - IV : BALAPOSHPA, SAMVARDAHNA (Nutrition, Growth and Development ) AND RECENT ADVANCES IN KUAMARBHARYA

Day: Friday
Date: 23/06/2017

N.B.
1) Draw neat diagrams WHEREVER necessary.
2) Figures to the right indicate FULL marks.
3) Medium of answer English or Hindi only

Long answer questions any THREE of FOUR (20 X 3 = 60)

Q.1 What do you mean by growth and development? Write important (20) milestones achieved by a one year old infant.

Q.2 Write the contribution of Kashyapa Samhitaa, Arogya Kalpadruma and (20) Brijhatrayi in field of Kaumarabhritya (Pediatrics only).

Q.3 Write in brief about Stanyaa, Stanyasampat, Stanyadushhti and its diagnosis (20) by with line of management.

Q.4 How will you plan for the Navjita Shishu Kaksha (Nursery)? Write (20) briefly, the Navjita Shishu Kaksha Prabhayon (Nursery management) including availability of essential equipments, therapy management for expected disorders, staff management and record maintenance.

Short answer questions any TWO of THREE (10 X 2 = 20)

Q.5 Explain the characteristics of a Dhatri who can feed the baby without (10) causing a problem to it.

Q.6 Discuss the pharmacological and non-pharmacological therapies for a (10) mother/baby who is not getting sufficient amount of breast milk.

Q.7 What do you understand by Satmya, Asatmya, Pathyaa, Apathyaa, Hitakara (10) and Ahitkara Alara? Is it possible that same food can play the role of Satmya, Asatmya, Pathyaa, Apathyaa, Hitakara and Ahitkara Alara in different conditions. If yes, give the example and if not explain the reason.

Short notes any THREE of FOUR (5 X 4 = 20)

Q.8 a) Breast milk banking (05)
   b) Stanyapanayana (weaning) (05)
   c) Stanyabhve Pathyavastha (Alternative feeding in absence of breast milk) (05)
   d) Prevention of childhood obesity (05)
   e) Immune enhancing measures according to Ayurveda (05)