

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 Shadbhava* 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 Samhitaa*. (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 *Janmajata 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 *(20)*
Kashyapa Samhitaa.
- Q.2** Discuss the care to be taken of new born child at the time of delivery, *(20)*
transitional period and post transitional period in light of *Ayurveda* and
current medical sciences.
- Q.3** Write the management of *Navajata Shishugata Akshepakaroga* (Neonatal *(20)*
seizures) based on their aetio-pathogenesis.
- Q.4** Differentiate *Navajata Rakta Vishamayata* (Neonatal Septicaemia) with *(20)*
Rakta Vishamayata (Rh – incompatibility). Also write the line of
management of these disorders based on their diagnosis.

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

- Q.5** Classify the childhood age group according to *Ayurveda* and modern *(10)*
paediatrics (*Shishu Vaya Vargikarana*).
- Q.6** Write the management of a neonate who is born at a gestational age of 30 *(10)*
weeks.
- Q.7** Write briefly, indications and contraindications of CPR (Cardio- *(10)*
pulmonary-resuscitation) with bag and mask, CPR with ETT (Endo-
Tracheal Tube and medications in reference to asphyxiated neonate.

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

- Q.8**
- a) *Kumaragara* *(05)*
 - b) *Navajata Netrabhishyanda* (Ophthalmia Neonatrum) *(05)*
 - c) *Upashirshaka* (Cephalohaematoma/Caput Succedaneum) *(05)*
 - d) Cord care according to *Ayurveda* *(05)*
 - e) *Puyasphota* (Pyoderma) *(05)*

RAVI 2012 COURSE : SUMMER-2017
SUBJECT: PAPER-II: KAUMAR BHRITYA-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

ANKULA - (2012 COURSE) : SUMMER 2017
SUBJECT: PAPER – III : BALAROGA (Paediatric Disorders)

Day: Thursday
Date: 22/06/2017

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** Discuss the aetiology, clinical features, diagnosis and management of (20)
Tamaka Shwasa in children.
- Q.2** Write the differential diagnosis, investigations and management of (20)
Vrikkashotha (Glomerulonephritis) and Nephrotic syndrome.
- Q.3** Write the principles of *Ayurveda* management for a child who is suffering (20)
from *Atisara* (Acute Diarrhoea) associated with dehydration. Give the
explanation of each step of management of diarrhea in the light of modern
medical sciences.
- Q.4** Write the signs and treatment of vitamin 'A' and vitamin 'D' deficiency (20)
including that of hypervitaminosis.

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 : BALAPOSHNA, SAMVARDHANA (Nutrition, Growth and
Development) AND RECENT ADVANCES IN KUAMARBHARITYA

Day: Friday
Date: 23/06/2017

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** 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 *Kashyara Samhitaa*, *Arogya Kalpadruma* and (20)
Brihatrayi in field of *Kaumarabharitya* (Pediatrics only).
- Q.3** Write in brief about *Stanya*, *Stanyasampat*, *Stanyadushti* and its diagnosis (20)
by with line of management.
- Q.4** How will you plan for the *Navjata Shishu Kaksha* (Nursery)? Write (20)
briefly, the *Navjata Shishu Kaksha Prabhandhan* (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*, *Pathya*, *Apathya*, *Hitakara* (10)
and *Ahitkara Ahara*? Is it possible that same food can play the role of
Satmya, *Asatmya*, *Pathya*, *Apathya*, *Hitakara* and *Ahitkara Ahara* 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) *Stanyabhava Pathyavastha* (Alternative feeding in absence of breast
milk) (05)
d) Prevention of childhood obesity (05)
e) Immune enhancing measures according to *Ayurveda* (05)

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