YASHWANTGAD: WINTER - 2016

SUBJECT: PAPER – I

BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS

Day: Saturday
Date: 03/12/2016

Time: 2.00 P.M. TO 5.00 P.M.
Max. Marks: 100

N.B.:

1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks.
3) Draw diagrams **WHEREVER** necessary.
4) Your answer will be values as a whole.

Q.1 Discuss an approach to 3-year child with Chronic Diarrhea and its management. **(15)**

Q.2 Describe the pathophysiology of Hypoxic Brain injury in neonate and discuss its management. **(15)**

Q.3 **Semi Long Questions (Attempt any SEVEN) (10 marks each)**

a) Discuss preventive strategies of Tuberculosis. **(10)**

b) Discuss Butani nomogram for Neonatal Hyperbilirubinemia. **(10)**

c) Discuss Thyroid Function Test. **(10)**

d) Write management of Neonatal Hypoglycemia. **(10)**

e) Write prophylactic management of Human and Animal bite wounds. **(10)**

f) Discuss modalities of antenatal assessment of Fetal well being. **(10)**

g) Discuss Growth monitoring and its importance in child health. **(10)**

h) Discuss Surfactant therapy in Neonatal diseases. **(10)**

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WINTER - 2016

YASHWANTGAD:

SUBJECT: PAPER – II

GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER – I SPECIALITIES

Day: Monday
Date: 05/12/2016

Time: 2.00 P.M. TO 5.00 P.M.
Max. Marks: 100

N.B.:

1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks.
3) Draw diagrams **WHEREVER** necessary.
4) Your answer will be values as a whole.

Q.1 Discuss the diagnostic modalities for Malaria. How will you manage Severe Falciparum Malaria in a 5-year male child? **(15)**

Q.2 Classify Juvenile Idiopathic Arthritis. Discuss in brief the management of Polyarticular disease. **(15)**

Q.3 **Semi Long Questions (Attempt any SEVEN) (10 marks each)**

a) Write management of a child with Scabies. **(10)**

b) Write complications and treatment of Hydrocarbon poisoning. **(10)**

c) Discuss etiology and prevention of Dental Caries. **(10)**

d) Discuss etiology and treatment of Epistaxis. **(10)**

e) Discuss the approach to a child with Nocturnal Enuresis. **(10)**

f) Discuss diagnosis and treatment of Attention Deficit and Hyperactivity Disorder. **(10)**

g) Discuss differential diagnosis of a Red Eye in a 2-year old child. **(10)**

h) Write management of Septic Shock. **(10)**

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YASHWANTGAD: WINTER - 2016

SUBJECT: PAPER – III

GENERAL PEDIATRICS INCLUDING ADVANCS IN PEDIATRICS RELATING TO CLUSTER – II SPECIALITIES

Day: Wednesday
Date: 07/12/2016

Time: 2.00 P.M. TO 5.00 P.M.
Max. Marks: 100

N.B.:

1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks.
3) Draw diagrams **WHEREVER** necessary.
4) Your answer will be values as a whole.

Q.1 Write diagnostic and treatment modalities of Gastro-esophageal Reflux Disease. **(15)**

Q.2 Discuss differential diagnosis of Red urine. Write treatment of post-infectious Acute Glomerulonephritis. **(15)**

Q.3 **Semi Long Questions (Attempt any SEVEN) (10 marks each)**

a) Discuss differential diagnosis of Acute Flaccid Paralysis. **(10)**

b) Write comprehensive treatment plan for a child with Hemophilia 'A'. **(10)**

c) Write investigation and treatment of Wilson's disease. **(10)**

d) Discuss use of Growth chart in evaluation of a child with Short Stature? **(10)**

e) Discuss complications and treatment of Electric Burns. **(10)**

f) How will you treat spasticity in a child with Spastic Diplegia? **(10)**

g) Discuss utility of Peripheral Blood Smear in hematological diseases. **(10)**

h) Write treatment of Allergic Rhinitis. **(10)**

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YASHWANTGAD: SUMMER – 2016
SUBJECT: PAPER – I
BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS

Day: Wednesday
Date: 01-06-2016

Time: 2:00 P.M. To 5-00 P.M.
Max. Marks: 100

N.B.:
1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks.
3) Draw diagrams **WHEREVER** necessary.
4) Your answer will be values as a whole.

Q.1 Describe Bilirubin metabolism. Discuss diagnosis and treatment of Neonatal Hyperbilirubinemia. **(15)**

Q.2 Discuss the regulation of Sodium balance. Enumerate causes of Hypernatremia and write treatment of Hypernatremic dehydration in a 1-year child. **(15)**

Q.3 **Semi Long Questions (Attempt any SEVEN) (10 marks each)**

a) Define Infant Mortality Rate (IMR). Discuss the factors contributing to high IMR in India. **(10)**

b) Discuss Hemoglobins in Fetus and Neonate. **(10)**

c) Describe Fetal Circulation. **(10)**

d) Discuss functions and mechanism of action of Vitamin 'A'. **(10)**

e) Describe Complimentary Feeding plan for an infant. **(10)**

f) Discuss Thyroid Function Test. **(10)**

g) Discuss the problems encountered in Infant of Diabetic Mother and their treatment. **(10)**

h) Describe causes and measures to prevent Childhood Obesity. **(10)**

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YASHWANTGAD: SUMMER – 2016
SUBJECT: PAPER – II
GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER – I SPECIALITIES

Day: Friday
Date: 03-06-2016

Time: 2.00 P.M. To 5-00 P.M.
Max. Marks: 100

N.B.:
1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks.
3) Draw diagrams **WHEREVER** necessary.
4) Your answer will be values as a whole.

Q.1 Write diagnostic criteria of Staphylococcal Toxic Shock Syndrome and its management. **(15)**

Q.2 Write diagnostic approach to an 18-month child with Recurrent Lung infiltrates. **(15)**

Q.3 **Semi Long Questions (Attempt any SEVEN) (10 marks each)**

a) Describe clinical features and treatment of Atopic Dermatitis. **(10)**

b) Discuss management of Febrile Neutropenia. **(10)**

c) Write immunization schedule for HIV-infected children. **(10)**

d) Discuss etiology and treatment of Epistaxis. **(10)**

e) Discuss diagnosis and treatment of Lead poisoning. **(10)**

f) Write diagnostic criteria for Autism. **(10)**

g) Discuss etiology and prevention of Dental Caries. **(10)**

h) Define Severe Acute Malnutrition and write its treatment. **(10)**

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YASHWANTGAD: SUMMER – 2016
SUBJECT: PAPER – III
GENERAL PEDIATRICS INCLUDING ADVANCS IN PEDIATRICS RELATING TO CLUSTER – II SPECIALITIES

Day: Monday
Date: 06-06-2016

Time: 2·00 P.M. To 5-00 P.M
Max. Marks: 100

N.B.:

1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks.
3) Draw diagrams **WHEREVER** necessary.
4) Your answer will be values as a whole.

Q.1 Discuss the differential diagnosis of Croup. How will you mange an 18-month child with Acute Laryngotracheobronchitis. **(15)**

Q.2 Describe the etiology, diagnosis and treatment of an infant with Hydrocephalus. **(15)**

Q.3 **Semi Long Questions (Attempt any SEVEN) (10 marks each)**

a) Discuss Fallot's physiology. **(10)**

b) Write management of Steroid Dependent Nephrotic Syndrome in a 4-year old child. **(10)**

c) Discuss prognostic factors in Acute Lymphoblastic Leukemia. **(10)**

d) Discuss differential diagnosis of Bow Legs. **(10)**

e) How will you treat a 9–month child with large perimembranous VSD? **(10)**

f) Write approach to a child with Precocious Puberty. **(10)**

g) Discuss investigations in a 2-month infant with Cholestasis. **(10)**

h) Discuss diagnosis and treatment of Megaloblastic Anemia. **(10)**

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YASHWANTGAD: WINTER - 2015
SUBJECT: PAPER – I
BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS

Day: Wednesday
Date: 02/12/2015

Time: 2.00 P.M. TO 5.00 P.M.
Max. Marks: 100

N.B.:

1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks
3) Draw diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be values as a whole.

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Q.1 Discuss metabolic functions of the Liver. How will you identify different stages of Hepatic Encephalopathy? Write treatment of the above condition. **(15)**

Q.2 Write pathophysiology of Hyaline Membrane Disease (HMD). Discuss investigations and treatment modalities for HMD. **(15)**

Q.3 **Semi Long Questions (Attempt Any SEVEN) (10 Marks each)**

a) Write routine delivery room care of Newborn. **(10)**

b) Discuss Feeding problems in Infants you encounter in clinical practice. **(10)**

c) Write various Neonatal Screening Programs. What is the importance of these programs? **(10)**

d) Define Infant Mortality Rate (IMR)? Discuss the factors contributing to high IMR in India. **(10)**

e) How Zinc is beneficial in childhood diseases? **(10)**

f) Write treatment and subsequent monitoring of a 6-year child with Severe Persistent Bronchial Asthma. **(10)**

g) Write the Complementary Feeding plan for the infant. **(10)**

h) Discuss etiology and prevention of Dental Caries. **(10)**

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YASHWANTGAD: WINTER - 2015
SUBJECT: PAPER – II
GENERAL PEDIATRICS INCLUDING ADVANCS IN PEDIATRICS RELATING TO CLUSTER - I SPECIALITIES

Day: Friday
Date: 04/12/2015

Time: 2.00 P.M. TO 5.00 P.M.
Max. Marks: 100

N.B.:

1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks
3) Draw diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be values as a whole.

Q.1 How will you approach to a diagnosis in a 7-year old male child with Fever of Unknown Origin? **(15)**

Q.2 Discuss pathophysiology of Shock. How will you manage a 3-year child with Shock? **(15)**

Q.3 **Semi Long Questions (Attempt Any SEVEN) (10 Marks each)**

a) How will you use Growth Chart to Differentiate various causes of Proportional Short Stature? **(10)**

b) Write treatment of Nocturnal Enuresis. **(10)**

c) Discuss various clinical features that suggest the diagnosis of Child Physical Abuse. **(10)**

d) How will you screen for Down's syndrome in antenatal period? **(10)**

e) Discuss differential diagnosis of Red Eye in a 2-year old child. **(10)**

f) Write treatment for Acute Otitis Media. **(10)**

g) What are the diagnostic criteria for Neurofibromatosis type 1? **(10)**

h) Discuss complications and treatment of Electric Burns. **(10)**

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YASHWANTGAD: WINTER - 2015
SUBJECT: PAPER – III
GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER – II SPECIALITIES

Day: Monday
Date: 07/12/2015

Time: 2.00 P.M. TO 5.00 P.M.
Max. Marks: 100

N.B.:

1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks
3) Draw diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be values as a whole.

Q.1 Discuss clinical features and management of a 6-year male child with Acute Glomerulonephritis. **(15)**

Q.2 Discuss the management of Diabetic Ketoacidosis. **(15)**

Q.3 **Semi Long Questions (Attempt Any SEVEN) (10 Marks each)**

a) Discuss treatment and prophylaxis of Febrile Convulsion. **(10)**

b) Write clinical features and treatment of Congenital Hypothyroidism. **(10)**

c) Discuss management of 9-month female child with acute Laryngotracheobronchitis. **(10)**

d) Discuss role of Pre and Probiotics in Diarrhoea. **(10)**

e) Discuss Cyanotic spell and its management. **(10)**

f) How will you investigate and treat a case of Hemolytic Uremic Syndrome. **(10)**

g) How will you differentiate Viral vs Bacterial meningitis depending upon clinical features and CSF analysis? **(10)**

h) Discuss use of Radionuclide scan in Pediatric practice. **(10)**

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BHARATI VIDYAPEETH DEEMED UNIVERSITY MEDICAL COLLEGE, PUNE LIBRARY 42

YASHWANTGAD: SUMMER – 2015
SUBJECT: PAPER – I
BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS

Day: Monday
Date: 1/6/2015

Time: 2.00 P.M. TO 5.00 P.M
Max. Marks: 100

N.B.:

1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks
3) Draw diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be values as a whole.

Q.1 Discuss Bilirubin Metabolism. How will you investigate Neonatal Jaundice on Day 1 of life? **(15)**

Q.2 Draw the Bronchopulmonary segments. Discuss management of 3-year child with Persistent Bronchial Asthma. **(15)**

Q.3 **Semi Long Questions (Attempt Any SEVEN) (10 Marks each)**

a) Discuss pathogenesis of edema in Nephrotic syndrome. **(10)**

b) Discuss various components of IMNCI. **(10)**

c) Write your strategy for Adolescent immunisation. **(10)**

d) Write preventive strategy for Perinatal transmission of Hepatitis-B. **(10)**

e) What is Karyotyping? How it is useful in Pediatric Practice? **(10)**

f) Discuss role of Trace Elements in child health. **(10)**

g) What is Baby Friendly Hospital Initiative? **(10)**

h) Discuss Surfactant therapy in Hyaline Membrane Disease. **(10)**

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YASHWANTGAD: SUMMER – 2015
SUBJECT: PAPER – II
GENERAL PEDIATRICS INCLUDING ADVANCS IN PEDIATRICS RELATING TO CLUSTER - I SPECIALITIES

Day: Wednesday
Date: 3/6/2015

Time: 2.00 P.M. TO 5.00 P.M
Max. Marks: 100

N.B.:

1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks
3) Draw diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be values as a whole.

Q.1 Discuss investigations and treatment of Severe Acute Malnutrition. **(15)**

Q.2 Discuss aetio-pathogenesis, clinical features and treatment of a case of Diphtheria. **(15)**

Q.3 **Semi Long Questions (Attempt Any SEVEN) (10 Marks each)**

a) How will you diagnose and treat Attention Deficit Hyperactivity Disorder? **(10)**

b) Discuss Laws of Growth. **(10)**

c) How will diagnose and treat Organo-phosphorus poisoning? **(10)**

d) How will you use D-Penicillamine in diagnosis and treatment of Wilson's disease? **(10)**

e) Write antenatal investigations for diagnosis of Down's syndrome. **(10)**

f) Discuss effects of Television viewing on children. **(10)**

g) Discuss complications of Falciparum Malaria. **(10)**

h) Write Prophylaxis for Rheumatic fever. **(10)**

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YASHWANTGAD: SUMMER – 2015
SUBJECT: PAPER – III
GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER – II SPECIALITIES

Day: Friday
Date: 5/6/2015

Time: 2.00 P.M. TO 5.00 P.M
Max. Marks: 100

N.B.:

1) All questions are **COMPULSORY**.
2) Marks to the **RIGHT** indicate full marks
3) Draw diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be values as a whole.

Q.1 Define Hematuria. Write your diagnostic approach to a 3-year male child with Hematuria. **(15)**

Q.2 Write etiology, clinical features and laboratory findings in Vitamin B12 deficiency anemia. **(15)**

Q.3 **Semi Long Questions (Attempt Any SEVEN) (10 Marks each)**

a) Write diagnosis and treatment of Hypernatremic Dehydration. **(10)**

b) How will you use Anti-retroviral drugs to prevent mother to child transmission of HIV?

c) How will you treat a 9-month child with large Perimembranous Ventricular Septal Defect? **(10)**

d) What is the utility of X-ray Chest and ECG in diagnosis of Congenital Heart Disease? **(10)**

e) Write comprehensive treatment plan for a child with Hemophilia 'A'. **(10)**

f) How will you treat a 4-year child with Steroid Dependant Nephrotic Syndrome? **(10)**

g) Discuss any five conditions that mimic Seizures in Children. **(10)**

h) How will you treat spasticity in a child with Spastic Diplegia? **(10)**

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YASHWANTGAD : WINTER - 2014
SUBJECT : PAPER – III
(GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS)

Day : Friday
Date : 05-12-2014

Time : 2.00 P.M. To 5.00 PM.
Max. Marks : 100

N.B. :
1) All questions are **compulsory**.
2) Figures to the **right** indicate full **marks**.
3) Neat diagrams must be drawn **wherever** necessary.
4) Your answer will be valued as a whole.

Q. 1 Describe the conditions that mimic Seizures. Outline the management of Status Epilepticus. **(20)**

Q. 2 Discuss differential diagnosis of a 3-year child with Thrombocytopenia. Give the management of Acute Idiopathic Thrombocytopenic Purpura. **(20)**

Q. 3 Write short notes on any **THREE** of the following: **(30)**

a) Management of diabetic ketoacidosis
b) Extrahepatic portal hypertension
c) Bow legs
d) Café au lait spots

Q. 4 Write short notes on any **THREE** of the following: **(30)**

a) Acute suppurative Otitis media
b) Diagnosis and management of Acute Pyelonephritis
c) Primary bacterial peritonitis
d) Minor and essential criteria for rheumatic fever diagnosis

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YASHWANTGAD : WINTER - 2014
SUBJECT : PAPER – I
(BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS)

Day : Monday
Date : 01-12-2014

Time : 2.00 P.M. To 5.00 P.M.
Max. Marks : 100

N.B. :
1) All questions are **compulsory**.
2) Figures to the **right** indicate full **marks**.
3) Neat diagrams must be drawn **wherever** necessary.
4) Your answer will be valued as a whole.

Q. 1 Describe the Bilirubin metabolism in a Neonate. Discuss the management of a neonate affected by Rhesus incompatibility. **(20)**

Q. 2 How do you categorize children with tuberculosis for treatment protocol under National Tuberculosis Control Program? Discuss in brief the DOTS chemotherapeutic management of childhood tuberculosis. **(20)**

Q. 3 Write short notes on any **THREE** of the following: **(30)**

a) Leukotriene antagonists use in pediatrics
b) Osteopenia of prematurity
c) Prevention of Hypothermia in the newborn
d) Sepsis Screen in neonates

Q. 4 Write short notes on any **THREE** of the following: **(30)**

a) Pulse Polio Immunization
b) Surfactant therapy
c) Integrated Child Development Scheme
d) Hypernatremic dehydration

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YASHWANTGAD : WINTER - 2014

SUBJECT : PAPER – II

(GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS)

Day : Wednesday
Date : 03-12-2014

Time : 2.00 P.M. To 5.00 P.M.
Max. Marks : 100

N.B. :

1) All questions are **compulsory**.
2) Figures to the **right** indicate full **marks**.
3) Neat diagrams must be drawn **wherever** necessary.
4) Your answer will be valued as a whole.

Q. 1 What are the various factors influencing growth? Describe the salient features of Constitutional delay of growth and familial short stature and its management if any. **(20)**

Q. 2 Classify Juvenile Rheumatoid Arthritis and discuss its management. **(20)**

Q. 3 Write short notes on any **THREE** of the following: **(30)**

a) Management of atopic dermatitis

b) Rotavirus vaccine

c) Occult bacteremia

d) Oral chelating agents

Q. 4 Write short notes on any **THREE** of the following: **(30)**

a) Rapid malaria diagnostic tests

b) Nocturnal enuresis

c) Multifactorial inheritance

d) Management of Paracetamol overdose

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YASHWANTGAD : JUNE 2014
SUBJECT : PAPER – I
(BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS)

Day : Monday
Date : 02-06-2014

Time : 2:00 P.M. TO 5:00 P.M.
Max. Marks : 100

N.B. :
1) All questions are **compulsory**.
2) Figures to the **right** indicate full **marks**.
3) Neat diagrams must be drawn **wherever** necessary.
4) Your answer will be valued as a whole.

Q. 1 What is IMNCI? Discuss the objectives of IMNCI. What are the strategies adopted for delivery of services under this program? **(20)**

Q. 2 Enumerate indications for Genetic Counseling and briefly outline the issues to be included in counseling session. **(20)**

Q. 3 Write short notes on any **THREE** of the following: **(30)**

a) Human Papilloma virus vaccine
b) Intra uterine diagnosis of fetal disorders
c) Age independent indices of nutritional assessment
d) Adoption – Role of a pediatrician

Q. 4 Write short notes on any **THREE** of the following: **(30)**

a) Munchausen Syndrome by proxy
b) Sexual Maturity Ratings
c) SIADH
d) Retinopathy of prematurity

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YASHWANTGAD : JUNE 2014
SUBJECT : PAPER – II
(GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS)

Day : Wednesday
Date : 04-06-2014

Time : 2:00 P.M. TO 5:00 P.M.
Max. Marks : 100

N.B. :
1) All questions are **compulsory**.
2) Figures to the **right** indicate full **marks**.
3) Neat diagrams must be drawn **wherever** necessary.
4) Your answer will be valued as a whole.

Q. 1 Discuss approach to a 7 year child who presented with hypertension. Write treatment of hypertensive emergency. **(20)**

Q. 2 Explain the clinical manifestations, differential diagnosis and investigations in a case of Dengue hemorrhagic fever. **(20)**

Q. 3 Write short notes on any **THREE** of the following: **(30)**

a) Turner Syndrome
b) Polymerase chain reaction
c) Approach to a child with suspected hearing deficit
d) Ventilation : Perfusion mismatch

Q. 4 Write short notes on any **THREE** of the following: **(30)**

a) Rotavirus Vaccine
b) Post exposure prophylaxis of HIV
c) Fresh frozen plasma
d) Methotrexate

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YASHWANTGAD : JUNE 2014
SUBJECT : PAPER – III
(GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS)

Day : Friday
Date : 06-06-2014

Time : 2:00 P.M. TO 5:00 P.M.
Max. Marks : 100

N.B. :
1) All questions are **compulsory**.
2) Figures to the **right** indicate full **marks**.
3) Neat diagrams must be drawn **wherever** necessary.
4) Your answer will be valued as a whole.

Q. 1 Discuss in brief the causes of hypoglycemia in a child. How will you approach a child with hypoglycemia? Outline the treatment of hypoglycemia in a child. **(20)**

Q. 2 Discuss aetio-pathogenesis, Clinical features and management of Portal Hypertension. **(20)**

Q. 3 Write short notes on any **THREE** of the following: **(30)**

a) Wheezing in children
b) Causes of stroke in children
c) Duchene Muscular dystrophy
d) Metabolic Syndrome

Q. 4 Write short notes on any **THREE** of the following: **(30)**

a) Indications for biopsy in a child with Nephrotic syndrome
b) Nada's Criteria
c) Idiopathic thrombocytopenic purpura
d) Prolonged Q – T interval

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BHARATI VIDYAPEETH UNIVERSITY MEDICAL COLLEGE PUNE

YASHWANTGAD : JUNE 2013
SUBJECT : GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS
PAPER-II

Day : Wednesday
Date : 05-06-2013

Time : 2:00 PM TO 5:00 P.M
Max. Marks : 100

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Neat diagram must be drawn **WHEREVER** necessary.
4) Your answer will be valued as a whole.

Q.1 Discuss the laws of growth and developmental mile stones upto 2 years of age. **(20)**

Q.2 Discuss the aetiology, pathophysiology, clinical features and management of a case of Acute Rheumatic fever. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Complications of Diphtheria

b) Diagnosis and management of Diabetic Ketoacidosis

c) Salicylate Poisoning

d) Trisomy 21.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Pica

b) Tracheo-oesophageal fistula

c) Rota virus vaccine

d) Vit A prophylaxis and its role in prevention of childhood diseases.

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YASHWANTGAD : JUNE 2013
SUBJECT : GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS
PAPER-III

Day : Friday
Date : 07.06.2013

Time : 2:00 P.M. TO 5:00 P.M.
Max. Marks : 100

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Neat diagram must be drawn **WHEREVER** necessary.
4) Your answer will be valued as a whole.

Q.1 Discuss the aetiology, pathophysiology and management of a case of Pyogenic Meningitis in a two years old child. **(20)**

Q.2 A 5 years old male child has been brought to you with history of hematemesis. Discuss your approach. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Role of Zinc in health and diseases

b) Gastro esophageal Reflux disease

c) Cyanotic spell and its management

d) DOTS in childhood Tuberculosis.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Febrile Seizures

b) B-Thalassemia

c) Hemolytic Uremic Syndrome

d) Hypernaetremic dehydration.

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YASHWANTGAD : DEC-2013

SUBJECT : BASIC SCIENCES AS APPLIED TO PAEDIATRICS, NEONATOLOGY AND COMMUNITY PAEDIATRICS

PAPER-I

Day : Monday
Date : 02-12-2013

Time : 2-00 P.M. To 5-00 P.M.
Max. Marks : 100

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Neat diagram must be drawn **WHEREVER** necessary.
4) Your answer will be valued as a whole.

Q.1 Describe Vitamin D physiology, enumerate causes of rickets and laboratory findings in these disorders. **(20)**

Q.2 Describe formation of neural tube and discuss the neural tube defects. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Congenital diaphragmatic hernia : diagnosis, clinical presentation and management

b) Feeding advise to neonate of HIV positive mother

c) Recent advances in management of HIE in neonate

d) Triple test.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Couple wishes to adopt a baby, role of the pediatrician

b) Narcolepsy

c) Prader Willi syndrome

d) WHO classification of vitamin A deficiency.

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BHARATI VIDYAPEETH UNIVERSITY MEDICAL COLLEGE, PUNE-43 LIBRARY

YASHWANTGAD : DEC. 2013

SUBJECT : GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS

PAPER-II

Day : Wednesday
Date : 04-12-2013

Time : 2-00 P.M. To 5-00 P.M.
Max. Marks : 100

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Neat diagram must be drawn **WHEREVER** necessary.
4) Your answer will be valued as a whole.

Q.1 Approach to cyanotic heart disease in the first month of life. **(20)**

Q.2 2 year old child with moderate hepato-splenomegaly, with no jaundice or anaemia. Discuss differential diagnosis and investigations to arrive at a diagnosis. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Complications in idiopathic Nephrotic Syndrome

b) Manifestation of bacterial endocarditis and its prevention

c) Stevens - Johnson syndrome

d) Autistic child.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) AFP classification, what are the goals of optimizing polio eradication

b) Ataxis telangiectasia

c) Chylous ascitis.

d) Causative organism of Otitis media and treatment.

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MEDICAL COLLEGE

YASHWANTGAD : DEC.-2013

SUBJECT : GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS

PAPER-III

Day : Friday
Date : 06-12-2013

Time : 2.00 P.M. To 5.00 P.M
Max. Marks : 100

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Neat diagram must be drawn **WHEREVER** necessary.
4) Your answer will be valued as a whole.

Q.1 A 10 year old child presents with high fever and multiple lymphadenitis, discuss approach to diagnosis. **(20)**

Q.2 Importance of ophthalmic examination in neurological diagnosis. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Approach to a one year old child with fever as per IMNCI

b) DD of wheezy infant

c) DOTS

d) Fragile X-syndrome.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Management Of Septic Shock

b) Tumour lysis syndrome

c) Ebstein anomaly

d) Choledocal cyst.

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BHARATI VIDYAPEETH UNIVERSITY MEDICAL COLLEGE, PUNE-43 LIBRARY

YASHWANTGAD : JUNE 2012
SUBJECT : PAPER-I
(BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PAEDIATRICS)

Day : Saturday
Date : 02-06-2012

Time : 2.00 P.M. To 5.00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Neat diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be valued as a whole.

Q.1 What is acute flaccid surveillance programme? Enumerate various strategies adopted for eradication of poliomyelitis in our country. **(20)**

Q.2 What is neutral thermal environment? What are the strategies to prevent hypothermia in newborn and complications of hypothermia? **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Antibiogram.

b) Kangaroo Mother Care.

c) Under five mortality in India.

d) Breast feeding week.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) RDW.

b) Follow up of IUGR babies.

c) NSSK.

d) Breath Holding Spells.

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BHARATI VIDYAPEETH UNIVERSITY MEDICAL COLLEGE LIBRARY

YASHWANTGAD : JUNE 2012
SUBJECT : PAPER-II
(GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS)

Day : Monday
Date : 04.06.2012

Time : 2.00 P.M. To 5.00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Neat diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be valued as a whole.

Q.1 What are the components involved in hemostasis process? Describe the normal hemostasis and discus in brief the management of haemorrhagic diseases of newborn. **(20)**

Q.2 How would you investigate a 3 year old child with failure to thrive? **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Pneumococcal vaccine.

b) BERA.

c) Congenital cataract.

d) Treatment of Pediculosis.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Treatment of urticaria.

b) Autistic spectrum.

c) Translocations.

d) Treatment of Rheumatoid Arthritis.

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YASHWANTGAD : JUNE 2012
SUBJECT : PAPER-III
(GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS)

Day : Wednesday
Date : 06-06-2012

Time : 2.00 P.M. To 5-00 P.M
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Neat diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be valued as a whole.

Q.1 Classify epilepsy. Enumerate newer antiepileptic drugs and their use in various types of epilepsy. **(20)**

Q.2 What is invasive pneumococcal disease? What is occult bacteremia and how you will treat? **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Club foot.

b) Protein creatinine ratio and its significance.

c) Clinical presentation of Wilson's diseases.

d) Sickle cell crisis.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Classification of Leukemia.

b) Evaluation of stridor in infant

c) PBS in megaloblastic anaemia.

d) Lung sequestration syndrome.

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D.C.H. (Paediatrics)

BHARATI VIDYAPEETH UNIVERSITY MEDICAL COLLEGE, PUNE-43 LIBRARY 25

YASHWANTGAD : JUNE-2011
SUBJECT : PAPER-I
(BASIC SCEINCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS)

Day : Saturday
Date : 04-06-2011

Time : 2:00 P.M. TO 5:00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Neat diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be valued as a whole.

Q.1 Describe the features of Kwashiorkar. What are the principles of management of sever acute malnutrition? **(20)**

Q.2 Enumerate the causes of hypoglycemia in a newborn. Describe the pathophysiology of hypoglycemia in a neonate born to a diabetic mother and outline the treatment. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Describe the physiology of CSF production and its circulation

b) Outline the principles of IMNCI program

c) Kernicterus

d) What are the modes of transmission of pediatric HIV infection? Enumerate strategies to prevent mother to fetus transmission of HIV.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Enumerate the components of the warm chain. Mention details of kangaroo mother care

b) Second heart sound

c) Briefly describe the possible mechanisms of physiological jaundice

d) Primary and secondary prophylaxis for rheumatic fever.

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YASHWANTGAD : JUNE-2011
SUBJECT : PAPER-II
(GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRCS)

BHARATI VIDYAPEETH UNIVERSITY MEDICAL COLLEGE PUNE-43 LIBRARY

Day : Monday
Date : 06-06-2011

Time : 2:00 P.M. To 5:00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Neat diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be valued as a whole.

Q.1 Describe the clinical features, diagnosis and treatment of Diphtheria. **(20)**

Q.2 Describe the chromosomal defect and clinical features of Down syndrome. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Severe acute malnutrition

b) Atopic dermatitis

c) Phlyctenular keratoconjunctivitis

d) Vaccination against poliomyelitis

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Breath holding seizures

b) Role of zinc in pediatric practice

c) Diagnosis and treatment of Swine Flu

d) Human papilloma virus vaccine.

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YASHWANTGAD : JUNE-2011
SUBJECT : PAPER-III
(GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRCS)

Day : Wednesday
Date : 08-06-2011

Time : 2:00 P.M. TO 5:00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Neat diagrams must be drawn **WHEREVER** necessary.
4) Your answer will be valued as a whole.

Q.1 How does the upper airway of a child differ from that of an adult? Discuss the differential diagnosis of croup. **(20)**

Q.2 Write the management of a 6 year old child with nephrotic syndrome who is relapsing frequently. Enumerate complications that can occur. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Pathogenesis of persistent diarrhea of infancy

b) Management of idiopathic thrombocytopenic purpura

c) Cyanotic spell – Management

d) Diaper dermatitis.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Outline the management of a child with status epilepticus

b) Neurocutaneous syndromes

c) Differential diagnosis of a child with chronic liver disease

d) Congenital cataract: differential diagnosis and management.

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YASHWANTGAD : Oct. Nov. 2010

SUBJECT : BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS

PAPER-I

C.D.C.H)

Day : Saturday
Date : 04.12.2010

Time : 2:00 P.M. TO 5:00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagrams **WHEREVER** necessary.

Q.1 Describe bilirubin metabolism. Discuss neonatal hyperbilirubenemia. **(20)**

Q.2 Describe fetal circulation in detail and changes occurring in first week of life. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Thermal regulation in newborn

b) Growth and development of 2 year old child

c) Beriberi

d) Sexual Maturity Rating (SMR)

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) IUGR

b) ORS

c) Congenital torticollis

d) Neonatal screening.

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YASHWANTGAD : Oct. Nov. 2010

SUBJECT : GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-I SPECIALITIES

PAPER-II

(D.C.H.)

Day : Monday
Date : 06-12-2010

Time : 2.00 P.M. To 5.00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagrams **WHEREVER** necessary.

Q.1 Describe the chromosomal abnormalities, clinical features and prenatal diagnosis of Down syndrome. **(20)**

Q.2 Describe the etiology, clinical features, diagnosis and treatment of acute bronchiolitis. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Varicella vaccine

b) Clinical features and diagnosis of scurvy

c) Breath holding seizures

d) Scabies.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Coinfections in children with AIDS

b) Value of examination of fundus in pediatric practice

c) Neurocysticercosis

d) Acute Respiratory Infection (ARI) control program.

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YASHWANTGAD : Oct. Nov. 2010

SUBJECT : GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-II SPECIALITIES

PAPER-III

(D.C.H)

Day : Wednesday
Date : 08.12.2010

Time : 2.00 P.M. To 5.00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagrams **WHEREVER** necessary.

Q.1 Describe the etiology, clinical features, diagnosis and treatment of congenital hypothyroidism. **(20)**

Q.2 Enumerate the common causes of gross hematuria in children. Describe the clinical features, diagnosis and treatment of post streptococcal glomerulonephritis. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Postneonatal vitamin K deficiency

b) Henöch sconlein purpura

c) Congenital spherocytosis

d) Posterior urethral valve.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Sturge Weber syndrome

b) Ostium secundum atrial septal defect

c) Clinical features and diagnosis of Duchenne muscular dystrophy

d) Biochemical changes in minimal change Nephrotic syndrome.

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YASHWANTGAD : JUNE 2010
SUBJECT : BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS
PAPER-I

Day : Saturday
Date : 05-06-2010

Time : 2.00 P.M. To 5.00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagrams **WHEREVER** necessary.

Q.1 Discuss the evaluation, causes and management of a neonate with conjugated hyperbilirubinemia. **(20)**

Q.2 Describe the causes and management of Ambiguous genitalia in a neonate. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Kangaroo mother care

b) Macrocephaly

c) Retinopathy of prematurity

d) Sexual Maternity Rating (SMR)

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Management of babies born to a mother with tuberculosis

b) Congenital torticollis

c) Dental caries

d) ORS.

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YASHWANTGAD : JUNE 2010
SUBJECT : GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-I SPECIALITIES
PAPER-II

Day : Monday
Date : 07-06-2010

Time : 2.00 P.M. To 5.00 P.M.
Max. Marks : 100.

N.B.:
1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagrams **WHEREVER** necessary.

Q.1 Discuss diphtheria infection in detail in a child. **(20)**

Q.2 Discuss differential diagnosis of maculopapular rash in a 15 month old child. **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Varicella vaccine

b) Breathing holding spell

c) Adenoids

d) Scabies.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Dhatura poisoning

b) Problems of adolescence

c) Rheumatic chorea

d) Acute respiratory infection (ARI) Control Programme.

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YASHWANTGAD : JUNE 2010
SUBJECT : GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-II SPECIALITIES
PAPER-III

Day : Wednesday
Date : 09-06-2010

Time : 2.00 P.M. To 5.00 P.M.
Max. Marks : 100.

N.B.:
1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagrams **WHEREVER** necessary.

Q.1 Peripheral blood smear examination. **(20)**

Q.2 What is short stature? How will you approach for a child with short stature? **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Posterior urethral valve

b) Digitalis

c) Addisons disease

d) Henöch sconlein purpura.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Physiological anemia of infancy

b) Biochemical changes in minimal change nephrotic syndrome

c) Congenital hypothyroidism

d) Hemodynamics in VSD and PDA.

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YASHWANTGAD - JUNE 2009

SUBJECT : BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS

PAPER - I

Day : Saturday
Date : 06-06-2009

Time : 2.00 P.M. To 5.00 P.M.
Max. Marks : 100

N.B.

1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3 Draw neat and labeled diagrams wherever necessary.

Q.1 Enumerate the causes of Neonatal Convulsions and describe the management of neonatal infections. **(20)**

Q.2 Draw a anatomical diagram of bronchopulmonary segment of both lungs. Describe the clinical manifestations and management of Staphylococcal Pneumonia. **(20)**

Q.3 Write short notes on any **THREE**: **(30)**

a) Nutritional Rehabilitation Syndromes
b) Scarf's sign in prematurity
c) Microcephaly
d) Indications of exchange transfusion in Rh Incomptatibility.

Q.4 Write notes on any **THREE**: **(30)**

a) Erythropoietin
b) Interleukin
c) Negri Bodies
d) Universal Immunization Programme (UIP)

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YASHWANTGAD : JUNE 2009

SUBJECT : GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-I SPECIALTIES

PAPER - II

Day : Monday
Date : 08·06-2009

Time : 2·00 P.M. To 5·00 P.M.
Max. Marks : 100

N.B.

1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3 Draw neat and labeled diagrams wherever necessary.

Q.1 Discuss differential diagnosis of PUO. Discuss management of Cerebral Malaria. **(20)**

Q.2 Discuss the Iron Metabolism in short and how will you manage a case of Thalassemia Major? **(20)**

Q.3 Write short notes on any **THREE**: **(30)**

a) Geographical Tongue
b) Lecithin Spingomyelin ratio
c) Diagphragmatic Hernia
d) Hemophilus Influenza B Vaccine (Hib)

Q.4 Write notes on any **THREE**: **(30)**

a) Undescended testis
b) Scrofuloderma
c) Congenital Cataract
d) Complications of long term Corticosteroid Therapy

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YASHWANTGAD - JUNE 2009

SUBJECT: GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-II SPECIALTIES

PAPER - III

Date: 10-06-2009 Time: 2.00 P.M. To 5.00 P.M

Day: Wednesday Max.Marks:100

N.B.

1) All questions are **COMPULSORY**.
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagrams **WHEREVER** necessary.

Q.1 Discuss Etiopathogenesis, chinical features, diagnosis and management of Nephrotic syndrome. **(20)**

Q.2 Discuss differential diagnosis of Acute Flaccid paralysis (AFP) and discuss clinical features and management of Acute Gullian Barre Syndrome? **(20)**

Q.3 Write notes **(ANY THREE)** **(30)**

a) Precocious Puberty.
b) Congenital Spherocytic anaemia.
c) Ramsteds Myamotomy.
d) Craniopharyngioma.

Q.4 Write notes on **(ANY THREE)** **(30)**

a) Subdural Empyema.
b) Eisenmengerisation.
c) Chloroma.
d) Galactosemia.

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YASHWANTGAD : JUNE 2008

SUBJECT : BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS

PAPER - I

Day : Saturday
Date : 07-06-2008

Time : 2:00 P.M. TO 5:00 P.M.
Max. Marks : 100

N.B.

1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3 Draw neat and labeled diagrams wherever necessary.

Q.1 Describe the development of thyroid gland. Discuss diagnosis and management of hypothyroidism. **(20)**

Q.2 Classify small for dates (IUGR) babies. Discuss common problems and management of a symmetrical small for date babies. **(20)**

Q.3 Write short notes on any **THREE**: **(30)**

a) Voiding cystourethrogran
b) Pharmaco therapy of Enuresis
c) Immunization in adolescents
d) Warm chain

Q.4 Write notes on any **THREE**: **(30)**

a) Inhalation therapy
b) Temper tantrum
c) Acute phase reactants
d) Inotropic agents

* * *

YASHWANTGAD : JUNE 2008

SUBJECT : GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-I SPECIALITIES

PAPER - II

Day : Monday
Date : 09-06-2008

Time : 2:00 P.M. TO 5:00 P.M.
Max. Marks : 100

N.B.

1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3 Draw neat and labeled diagrams wherever necessary.

Q.1 Enumerate common causes of pain abdomen in a 5-year-old child. Describe the approach to such a child presenting to the OPD. **(20)**

Q.2 Describe how you will manage a 3-year-old child with history of kerosene oil ingestion and inhalation. **(20)**

Q.3 Write short notes on any **THREE**: **(30)**

a) Thumb sucking
b) Approach and management of Vitamin D resistant rickets
c) Complications of measles
d) Atopic dermatitis

Q.4 Write notes on any **THREE**: **(30)**

a) Bilateral congenital cataract
b) Dental Caries
c) Prenatal diagnosis
d) Management of a 10 year old boy with juvenile rheumatoid arthritis

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YASHWANTGAD : JUNE-2008

SUBJECT: GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-II SPECIALITIES

PAPER - III

Date: 11-06-2008 Time: 2:00 P.M. TO 5:00 P.M.

Day: Wednesday Max.Marks:100

N.B.

1) All questions are **COMPULSORY**.
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagrams **WHEREVER** necessary.

Q.1 A 10-year-old child is brought with severe anemia, lymphadenopathy and hepatosplenomegaly. Discuss differential diagnosis, and describe the management of any one condition **(20)**

Q.2 Discuss etiology and pathophysiology of bronchial asthma in children. How will you manage a patient of status asthmatics? **(20)**

Q.3 Write notes **(ANY THREE)** **(30)**

a) Management of thalessemia with special emphasis on recent advances.
b) The juxtaglomerular apparatus and autoregulation of renal blood flow.
c) Fresh frozen plasma.
d) Prevention of mother to baby transmission of HIV.

Q.4 Write notes on **(ANY THREE)** **(30)**

a) Intussusception.
b) Wilm's tumour.
c) Pneumococcal vaccine.
d) Vesicoureteric reflux.

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Paediatrics

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YASHWANTGAD : JUNE 2008

SUBJECT : BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS

PAPER - I

Day : Saturday
Date : 07-06-2008

Time : 2:00 P.M. TO 5:00 P.M.
Max. Marks : 100

N.B.

1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3 Draw neat and labeled diagrams wherever necessary.

Q.1 Describe the development of thyroid gland. Discuss diagnosis and management of hypothyroidism. **(20)**

Q.2 Classify small for dates (IUGR) babies. Discuss common problems and management of a symmetrical small for date babies. **(20)**

Q.3 Write short notes on any **THREE**: **(30)**

a) Voiding cystourethrogran
b) Pharmaco therapy of Enuresis
c) Immunization in adolescents
d) Warm chain

Q.4 Write notes on any **THREE**: **(30)**

a) Inhalation therapy
b) Temper tantrum
c) Acute phase reactants
d) Inotropic agents

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YASHWANTGAD : JUNE 2008

SUBJECT : GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-I SPECIALITIES

PAPER - II

Day : Monday
Date : 09-06-2008

Time : 2:00 P.M. TO 5:00 P.M.
Max. Marks : 100

N.B.

1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3 Draw neat and labeled diagrams wherever necessary.

Q.1 Enumerate common causes of pain abdomen in a 5-year-old child. Describe the approach to such a child presenting to the OPD. **(20)**

Q.2 Describe how you will manage a 3-year-old child with history of kerosene oil ingestion and inhalation. **(20)**

Q.3 Write short notes on any **THREE**: **(30)**

a) Thumb sucking
b) Approach and management of Vitamin D resistant rickets
c) Complications of measles
d) Atopic dermatitis

Q.4 Write notes on any **THREE**: **(30)**

a) Bilateral congenital cataract
b) Dental Caries
c) Prenatal diagnosis
d) Management of a 10 year old boy with juvenile rheumatoid arthritis

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YASHWANTGAD : JUNE-2008

SUBJECT: GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-II SPECIALITIES

PAPER - III

Date: 11-06-2008 Time: 2:00 P.M. TO 5:00 P.M.

Day: Wednesday Max.Marks:100

N.B.

1) All questions are **COMPULSORY**.
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagrams **WHEREVER** necessary.

Q.1 A 10-year-old child is brought with severe anemia, lymphadenopathy and hepatosplenomegaly. Discuss differential diagnosis, and describe the management of any one condition **(20)**

Q.2 Discuss etiology and pathophysiology of bronchial asthma in children. How will you manage a patient of status asthmatics? **(20)**

Q.3 Write notes **(ANY THREE)** **(30)**

a) Management of thalessemia with special emphasis on recent advances.
b) The juxtaglomerular apparatus and autoregulation of renal blood flow.
c) Fresh frozen plasma.
d) Prevention of mother to baby transmission of HIV.

Q.4 Write notes on **(ANY THREE)** **(30)**

a) Intussusception.
b) Wilm's tumour.
c) Pneumococcal vaccine.
d) Vesicoureteric reflux.

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14

YASHWANTGAD : JUNE 2007
SUBJECT : BASIC SCIENCES AS APPLIED TO PEDIATRICS, NEONATOLOGY AND COMMUNITY PEDIATRICS
PAPER-I

Day : Tuesday
Date : 12/06/2007

Time : 2.00 PM TO 5.00 PM
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Neat diagram must be drawn **WHEREVER** necessary.
3) Your answer will be valued as a whole.
4) Figures to the **RIGHT** indicate full marks.

Q.1 How do you assign APGAR score to a neonate? In which 5 conditions will you get a low score without associated hypoxia? What are fallacies of APGAR score? **(20)**

Q.2 Enumerate 4 adventitious sounds that can be heard during examination of the chest. At what anatomical level and how they are produced? In which conditions will you hear these sounds? **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Prenatal mortality rate

b) Difference between prematurity and IUGR

c) Tonic neck reflex

d) Acellular pertussis vaccine.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Per rectal examination

b) Large for date newborn

c) C-reactive protein

d) Circle of Willis.

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YASHWANTGAD : JUNE 2007
SUBJECT : GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-I SPECIALITIES
PAPER-II

Day : Wednesday
Date : 13/06/2007

Time : 2.00 PM TO 5.00 PM
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Neat diagram must be drawn **WHEREVER** necessary.
3) Your answer will be valued as a whole.
4) Figures to the **RIGHT** indicate full marks.

Q.1 Discuss the differential diagnosis of fever with petechiae in a child. How will you diagnose and treat a child with meningococcal meningitis. **(20)**

Q.2 Discuss the metabolism of paracetamol in children. How will you treat acute paracetamol poisoning? **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Complications of Measles

b) Rabies Prophylaxis

c) White-eye reflex

d) Dental caries

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Guidelines for treatment of acute otitis media in children

b) Adolescent growth spurt

c) Staphylococcal scalded skin syndrome

d) Gene therapy.

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YASHWANTGAD : JUNE 2007
SUBJECT : GENERAL PEDIATRICS INCLUDING ADVANCES IN PEDIATRICS RELATING TO CLUSTER-II SPECIALITIES
PAPER-III

Day : Thursday — Time : 2.00 PM TO 5.00 PM
Date : 14/06/2007 — Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Neat diagram must be drawn **WHEREVER** necessary.
3) Your answer will be valued as a whole.
4) Figures to the **RIGHT** indicate full marks.

Q.1 Discuss clinical approach in a case of hypertension in 8 year old child. **(20)**

Q.2 Discuss pathogenesis of Bronchial Asthma. How will you manage a case of acute severe asthma? **(20)**

Q.3 Write short notes on any **THREE** of the following: **(30)**

a) Management of cyanotic spell

b) Diagnosis and management of congenital hypothyroidism

c) Management of acute immune thrombocytopenic purpura

d) Differences between nephritis and nephrosis.

Q.4 Write short notes on any **THREE** of the following: **(30)**

a) Infantile spasms

b) CSF examination

c) Manifestation and treatment of Wilson's disease

d) PCP pneumonia.

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YASHWANTGAD : August-2006
SUBJECT : PAPER-I

Day : Tuesday
Date : 01-08-2006

Time : 2.00 P.M. TO 5.00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Draw diagrams wherever necessary.

Q.1 Outline the management of burns in a 2 year old, 10 Kg child with 30% burns. **(20)**

Q.2 Write the pathophysiology, diagnosis and management of a neonate with NEC. **(20)**

Q.3 Write notes on Any **Three** of the following: **(30)**

a) Adoption - role of pediatrician.
b) Pharmaco therapy for Brief Procedural and operative pain.
c) Antenatal diagnosis of Down's syndrome.
d) Sexual maturity rating.

Q.4 Write notes on any **Three** of the following: **(30)**

a) Pathophysiology of meconium aspiraton syndrome.
b) Congenital syphilis.
c) Neonatal sepsis work-up.
d) Osteopenia of Prematurity.

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YASHWANTGAD : August-2006
SUBJECT : PAPER-II

2

Day : Wednesday
Date : 02-08-2006

Time : 2.00 P.M. TO 5.00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Draw diagrams wherever necessary.

Q.1 How does the upper airway of a child differ from on adult? Discuss the diagnosis and treatment of Laryngomalacia. **(20)**

Q.2 Describe the clinical manifestations, differential diagnosis and investigations in a case of Dengue hemorrhagic fever? **(20)**

Q.3 Write notes on Any **Three** of the following: **(30)**

a) Drug therapy in rheumatoid arthritis.
b) Diagnosis of Kawasaki disease.
c) DOTS.
d) Foreign body lung.

Q.4 Write notes on any **Three** of the following: **(30)**

a) Ophthalmia neonatorum.
b) Transient skin lesions in the newborn.
c) Approach to a child with suspected hearing deficit.
d) Cardiogenic shock.

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YASHWANTGAD : August - 2006
SUBJECT : PAPER-III

Day : Thursday
Date : 03-08-2006

Time : 2.00 P.M. TO 5.00 P.M.
Max. Marks : 100.

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Draw diagrams wherever necessary.

Q.1 Define acute flaccid paralysis. Discuss the differential diagnosis of acute flaccid paralysis. **(20)**

Q.2 Define hepatic encephalopathy. Describe the stages of hepatic encephalopathy and outline the management of a child with hepatic encephalopathy. **(20)**

Q.3 Write notes on Any **Three** of the following: **(30)**

a) Wilm's Tumour.
b) Oral rehydration salt.
c) Wilson's Disease.
d) Hemolytic uremic syndrome.

Q.4 Write notes on any **Three** of the following: **(30)**

a) Digoxin.
b) Differential diagnosis of croup.
c) Fallot's physiology.
d) Febrile seizures.

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