

APRIL 2001

[KD 1512]

Sub. Code : 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part II

**Paper I — NEONATOLOGY, DEVELOPMENTAL
PEDIATRICS AND COMMUNITY PEDIATRICS**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss causes of Intrauterine Growth retardation and the classification and problems of small for dates babies and their management. (25)
 2. Discuss the causes of short stature and discuss briefly the clinical features of proportionate short stature. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Hepatitis B Vaccine
 - (b) Battered Baby
 - (c) Amnio Centesis
 - (d) M.C.H. services and its objectives
 - (e) Breast feeding.
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NOVEMBER 2001

[KE 1512]

Sub. Code : 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part II

Paper I — NEONATOLOGY, DEVELOPMENTAL
PAEDIATRICS AND COMMUNITY PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss in detail the initial examination of a new born baby and state its importance. (25)
 2. Discuss the growth and development of a ten months old baby. Outline the causes and management of a child presenting with purely motor delay. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Oxygen toxicity.
 - (b) Success of RCH programme.
 - (c) Juvenile delinquency.
 - (d) Varicella vaccine.
 - (e) Management of squint.
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MARCH 2002

[KG 1512]

Sub. Code : 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part II

Paper I — NEONATOLOGY, DEVELOPMENTAL
PAEDIATRICS AND COMMUNITY PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss briefly Heat Production and Thermoregulation in Newborn, causes and management of Hypothermia in the Newborn.
 2. Discuss childhood disabilities and their prevention. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Adoption.
 - (b) Perinatal HIV transmission and its prevention.
 - (c) Inherited Jaundice.
 - (d) Prevention of Rabies.
 - (e) Antiviral Drugs.
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SEPTEMBER 2002

[KH 1512]

Sub. Code : 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part II

Paper I — NEONTOLOGY, DEVELOPMENTAL
PAEDIATRICS AND COMMUNITY PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Define pre-maturity in the new born. What are the causes of pre-maturity? How do you manage a pre-term Baby? (25)
 2. Discuss the newer vaccines. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Neonatal Hypocalcaemia.
 - (b) Infants of Hepatitis-B virus seropositive mother.
 - (c) Habit disorders.
 - (d) National Malaria Eradication programme.
 - (e) Cold chain.
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APRIL 2003

[KI 1512]

Sub. Code : 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part II

**Paper I — NEONATOLOGY, DEVELOPMENTAL
PAEDIATRICS AND COMMUNITY PAEDIATRICS**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss briefly immediate and long term problems of premature babies and their management. (25)
 2. Discuss causes of Global Developmental delay in a one year old child and briefly mention management. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Non bacterial infections of Foetus and New born
 - (b) Tetanus Neonatorum
 - (c) Eneuresis
 - (d) Snake bite
 - (e) Child labour.
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OCTOBER 2003

[KJ 1512]

Sub. Code : 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part II

**Paper I — NEONATOLOGY, DEVELOPMENTAL
PAEDIATRICS AND COMMUNITY PAEDIATRICS**

Time : Three hours

Maximum : 100 marks

Theory : Two hours and

Theory : 80 marks

forty minutes

M.C.Q. : 20 marks

M.C.Q. : Twenty minutes

**M.C.Q. must be answered SEPARATELY on the
answer sheet provided as per the instructions given on
the first page of M.C.Q. Booklet.**

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essay questions :

(2 × 15 = 30)

**1. Define perinatal asphyxia. Discuss the foetal
response to acute hypoxia and outline the principles of
neonatal resuscitation. (15)**

**2. What are the growth and developmental changes
that occur during adolescence? How will you stage the
sexual maturity in boys and girls? (15)**

3. Write short notes on :

(10 × 5 = 50)

(1) Ponderal index

(2) Rabies vaccine

(3) Chronic constipation

(4) Child labour

(5) Neonatal thrombocytopaenia

(6) Perinatal mortality

(7) Apnoea in new born

(8) Rooting reflex

(9) Body mass index

(10) Early intervention therapy for cerebral palsy.

AUGUST 2004

[KL 1512]

Sub. Code : 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part II

**Paper I — NEONATOLOGY, DEVELOPMENTAL
PAEDIATRICS AND COMMUNITY PAEDIATRICS**

Time : Three hours

Maximum : 100 marks

Theory : Two hours and forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay :

(2 × 15 = 30)

(1) What is hypoglycaemia in newborn babies? List the causes of hypoglycaemia. How do you investigate and treat hypoglycaemia in newborn?

(2) What are the domains of development? What are the developmental milestones of 2 year old child? How do you approach a 4 year old child with speech delay?

II. Write short notes on :

(10 × 5 = 50)

(a) Centile charts.

(b) Patent ductus arteriosus in a premature child.

(c) Sensitivity and specificity of a test

(d) Sexual maturity rating.

(e) Under five clinics.

(f) Informed consent.

(g) Tonic neck reflex.

(h) National immunisation program.

(i) Child abuse.

(j) Foot length and gestational age.

FEBRUARY 2005

[KM 1512]

Sub. Code : 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part II

Paper I — NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND COMMUNITY PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay : (2 × 15 = 30)

(1) Discuss the etiology, clinical features and management of a cyanosed neonate at birth. Describe the basics of assisted ventilation in neonates.

(2) What is secular growth? Describe the etiology, clinical features and evaluation of a 7 yr old girl with short stature.

II. Write notes on : (10 × 5 = 50)

(a) Hib vaccine.

(b) Dubowitz score.

(c) Nocturnal enuresis.

(d) Female infanticide.

(e) Neonatal hypoglycemia.

(f) Evaluation of a child with cerebral palsy.

(g) National Immunization Days (NID).

(h) Intra osseous transfusion.

(i) Foetal medicine.

(j) White reflex in the neonate.

MARCH 2006

[KO 1512]

Sub. Code : 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

**NEONATOLOGY, DEVELOPMENTAL PEDIATRICS
AND COMMUNITY PEDIATRICS**

Time : Three hours

Maximum : 100 marks

Theory : Two hours and

Theory : 80 marks

forty minutes

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Write essays on : (2 × 15 = 30)

(1) Discuss the Bilirubin metabolism in Newborn. How do you evaluate a newborn with Jaundice.

(2) Describe "Laws of Growth". Describe Growth and development in the FIRST YEAR OF LIFE.

II. Write short notes on : (10 × 5 = 50)

(a) RCH programme

(b) Nocturnal enuresis.

(c) Pica in children.

(d) Acellular Pertussis vaccine.

(e) Vertical transmission in HIV.

(f) Subtle Seizures

(g) Pulse polio immunisation

(h) Late onset metabolic acidosis in newborn.

(i) Viability of FETUS.

(j) Complication of IUGR.

[KQ 1512] MARCH 2007 Sub. Code : 3014

**DIPLOMA IN CHILD HEALTH (D.C.H.) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS
AND COMMUNITY PAEDIATRICS**

Common to

(Candidates admitted from 1993-94 onwards)

and

(Candidates admitted from 2004-05 onwards)

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write essay on :

1. Describe the pathophysiology, clinical manifestation and management of Hypoxic Ischemic Encephalopathy (HIE) in the newborn. (20)
2. Describe Fetal Circulation. Discuss the Aetiology, Diagnosis and management of Persistent Pulmonary Hypertension (PPHN). (15)
3. Discuss the strategies to Reduce Perinatal and Neonatal Mortality. (15)

II. Write short notes on : (6 × 5 = 30)

- (a) Steps for Successful Breast-feeding.
 - (b) Prevention of Mother to Child Transmission (PMTCT) of HIV infection.
 - (c) Neonatal Thyroid Screening and Treatment of Congenital Hypothyroid.
 - (d) Surfactant therapy.
 - (e) Retinopathy of Prematurity (ROP).
 - (f) Tracheo-esophageal Fistula (TOF).
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MARCH 2008

[KS 1512]

Sub. Code : 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

Paper II — NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS
AND COMMUNITY PAEDIATRICS

(Common to all regulations)

Q.P. Code : 343014

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw diagrams wherever necessary.

- I. Write Essay on : (2 × 20 = 40)
1. Aetiology, clinical features, and management of polycythemia of New born.
(20)
 2. Aetiology and management of bleeding neonate. (20)
- II. Write short notes on : (10 × 6 = 60)
1. Indications and complications of phototherapy.
 2. Neonatal thrombocytopenia.
 3. Types of Breast milk.
 4. Newer vaccines.
 5. Classify small for dates babies.
 6. Tachypnoea of Newborn.
 7. Supra ventricular tachycardia.
 8. Congenital nephrotic syndrome.
 9. Hyaline membrane disease.
 10. Apnea in New Born.
-

September 2008

[KT 1512]

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

**Paper II – NEONATOLOGY, DEVELOPMENTAL PEDIATRICS
AND COMMUNITY PAEDIATRICS**

(Common to all candidates)

Q.P. Code : 343014

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. What are the etiological causes of fetal hypoxia? Write pathophysiology of fetal Hypoxia. Discuss the stages of hypoxic ischaemic encephalopathy.
2. What is integrated management of childhood illness? What are the various criteria and limitations of this programme? Elaborate signs; symptoms and diseases covered under this programme.

II. Write short notes on :

(10 X 6 = 60)

1. National immunization days.
 2. Identity crisis.
 3. Legislation and Government policy on child labor.
 4. Fetal Therapy.
 5. Beckwith- wiedemann syndrome.
 6. Japanese B encephalitis vaccine.
 7. Objectives of teenage care clinic.
 8. Diagnostic criterias of Bronchopulmonary dysplasia.
 9. Key development milestones: gross motor from 3 to 36 months.
 10. Childrens rights as accepted by United Nations.
-

MARCH -2009

[KU 1512]

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

**Paper II – NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS
AND COMMUNITY PAEDIATRICS**

(Common to all candidates)

Q.P. Code : 343014

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions : (2 X 20 = 40)

1. Discuss the special interventional programmes to bring down the under 5 mortality in India.
2. Discuss thermoregulation in a newborn and measures to prevent hypothermia in a preterm.

II. Write short notes on : (10 X 6 = 60)

1. Resuscitation of asphyxiated newborn at birth.
2. Bulging anterior fontanelle.
3. Oral polio vaccine.
4. Assessment of severity of jaundice in a newborn.
5. Newer vaccines.
6. Rapid screening tests for neonatal sepsis.
7. Baby friendly Hospital.
8. Neonatal seizures.
9. Anaemia in a newborn.
10. Birth injuries.

September - 2009

[KV 1512]

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH EXAMINATION.

**Paper II – NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS
AND COMMUNITY PAEDIATRICS
(Common to all candidates)**

Q.P. Code : 343014

Time : Three hours

Maximum : 100 marks

**Draw suitable diagram wherever necessary.
Answer ALL questions.**

I. Essay questions : (2 X 20 = 40)

1. Causes of neonatal convulsions and management.
2. Discuss nutritional programmes in India.

II. Write short notes on : (10 X 6 = 60)

1. Transitional stools
2. Immunology of breast milk
3. Pathological causes of neonatal jaundice
4. Cephalhaematoma
5. Neonatal reflexes
6. Thumb sucking
7. Parabiotic syndrome
8. Jitteriness of newborn
9. Neurological sequelae of birth trauma
10. Neonatal hypocalcaemia

March 2010

[KW 1512]

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH EXAMINATION

**Paper II – NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS
AND COMMUNITY PAEDIATRICS**

(Common to all candidates)

Q.P. Code : 343014

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

I. Essay questions :

(2 x 20 = 40)

1. A term baby developed respiratory distress one hour after birth. What are the possible causes? Outline briefly the management.
2. What are the components of reproductive and child health? What are its merits and demerits?

II. Write short notes on :

(10 x 6 = 60)

1. Juvenile delinquency.
2. Drug abuse in adolescents.
3. Scholastic backwardness.
4. IMNCI.
5. ECMO.
6. Neonatal cholestasis.
7. Retinopathy of prematurity.
8. Necrotising enterocolitis.
9. Habit disorders.
10. Catch up growth.

September 2010

[KX 1512]

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH (D.C.H) EXAMINATION.

**Part II- Paper I for Candidates admitted upto 2003-04 & Candidates
admitted**

from 2008-09 onwards

And

Paper II for Candidates admitted from 2004-05 to 2007-08

**NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS
AND COMMUNITY PAEDIATRICS**

Q.P. Code : 343014

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. Discuss the Aetiology, Investigations and management of neonatal seizures?
2. Discuss the Etiology and management of Mental retardation in a 2 years old child.

II. Write short notes on :

(10 X 6 = 60)

1. Genetic Counselling.
2. Human Papilloma virus vaccine.
3. Adolescent friendly health services.
4. Nocturnal Enuresis.
5. Epidermolysis bullosa.
6. Juvenile Delinquency.
7. Child Labour.
8. Prenatal Diagnosis.
9. Growth Chart.
10. Perinatal Mortality.

APRIL 2011

[KY 1512]

Sub. Code: 3014

**DIPLOMA IN CHILD HEALTH (DCH)
EXAMINATION**

**NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS
AND COMMUNITY PAEDIATRICS**

Q.P. Code : 343014

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss etiology, clinical features, investigations and management of Neonatal sepsis.	11	35	15
2. Discuss etiology and management of global developmental delay in a child.	11	35	15

II. Write notes on :

1. Adolescent Vaccination.	4	10	7
2. Developmental assessment of high risk infants.	4	10	7
3. Factors exacerbating neonatal jaundice.	4	10	7
4. Congenital toxoplasmosis.	4	10	7
5. Acute flaccid paralysis surveillance.	4	10	7
6. Care of the unborn baby.	4	10	7
7. Define SGA babies and discuss the complications.	4	10	7
8. Fetal effects of maternal drugs.	4	10	7
9. Temper tantrums.	4	10	7
10. Preventible causes of mental retardation.	4	10	7

October 2011

[KZ 1512]

Sub. Code: 3014

**DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS
AND COMMUNITY PAEDIATRICS**

Q.P. Code : 343014

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages (Max.)	Time (Max.)	Marks (Max.)
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- | | | | |
|---|----|---------|----|
| 1. Discuss etiology, investigations and management of neonatal respiratory distress. | 11 | 35 min. | 15 |
| 2. Discuss cerebral palsy – etiology and its correlation with different types of presentation. Also discuss its management briefly. | 11 | 35 min. | 15 |

II. Write notes on :

- | | | | |
|---|---|---------|---|
| 1. Genetic engineering for vaccines. | 4 | 10 min. | 7 |
| 2. Pica. | 4 | 10 min. | 7 |
| 3. Staphylococcal scalded skin syndrome. | 4 | 10 min. | 7 |
| 4. Infant mortality rate. | 4 | 10 min. | 7 |
| 5. Growth monitoring. | 4 | 10 min. | 7 |
| 6. Amniocentesis and chorionic villus sampling. | 4 | 10 min. | 7 |
| 7. Prevention of obesity. | 4 | 10 min. | 7 |
| 8. Bioactive factors in human milk. | 4 | 10 min. | 7 |
| 9. Weaning diet is a misnomer – Explain. | 4 | 10 min. | 7 |
| 10. Encoparesis. | 4 | 10 min. | 7 |

[LA 1512]

April 2012

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION

**NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS
AND COMMUNITY PAEDIATRICS**

Q.P. Code : 343014

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|--|----|----|----|
| 1. Discuss the protocol in the management of asphyxiated preterm baby weighing 1800 gms born by caesarian section. | 16 | 35 | 15 |
| 2. Discuss the strategies for prevention and management of Micronutrient deficiencies. | 16 | 35 | 15 |

II. Write notes on :

- | | | | |
|---|---|----|---|
| 1. Role of Karyotyping in Chromosomal disorders. | 4 | 10 | 7 |
| 2. Management of infant of diabetic mother in first week of life. | 4 | 10 | 7 |
| 3. Age independent anthropometry in school health programme. | 4 | 10 | 7 |
| 4. Evaluation of Dysmorphic child with reference to congenital heart disease. | 4 | 10 | 7 |
| 5. Recognition and management of adverse reactions following immunization. | 4 | 10 | 7 |
| 6. Clinical relevance of subtle seizures and its management in newborn. | 4 | 10 | 7 |
| 7. Approach to recognition of ambiguous genitalia. | 4 | 10 | 7 |
| 8. Requisites for organization of Sick Neonatal Intensive Care Unit. | 4 | 10 | 7 |
| 9. Diagnosis and management of Habit disorders. | 4 | 10 | 7 |
| 10. Evaluation and counseling in Trisomy 21. | 4 | 10 | 7 |

[LB 1512]

OCTOBER 2012

Sub. Code: 3014

**DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS
AND COMMUNITY PAEDIATRICS**

Q.P. Code : 343014

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss the problems of an infant of Diabetic Mother and its management.	16	35	15
2. What is Acute Flaccid Paralysis Surveillance and discuss the differential diagnosis of a case of Acute Flaccid Paralysis.	16	35	15

II. Write notes on :

1. Non stress test for assessment of fetal wellbeing.	4	10	7
2. Assessment and Classification of Diarrhea in a 2 years old child based on IMNCI.	4	10	7
3. Thumb sucking.	4	10	7
4. Clinical Manifestations and treatment of Congenital Diaphragmatic Hernia.	4	10	7
5. Indications and administration of surfactant in a neonate.	4	10	7
6. Road to Health chart and its importance.	4	10	7
7. Rotavirus vaccine and its schedule.	4	10	7
8. Management of status Epilepticus.	4	10	7
9. Infant Mortality Rate and its importance.	4	10	7
10. Treatment of Ascariasis.	4	10	7

**DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENT PAEDIATRICS AND
COMMUNITY PAEDIATRICS**

Q.P. Code: 343014

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Discuss the importance of carrying out a routine examination of the newborns. Discuss the life threatening congenital malformations of the gastro-intestinal tract in a newborn. Outline the management of one such malformation.
2. 6 hours old baby delivered by LSCS indication severe PIH, developed respiratory difficulty. O/E preterm gestational age 32weeks, resp.rate 86, SPO2 84.What is the most probable diagnosis? Write the pathogenesis and management. Describe the complications.

II. Write notes on:

(10X7=70)

1. Management of acute Stridor in a 3 year old child.
2. Failure to thrive and monitor the growth
3. Management of cleft palate
4. Role of Pediatrics in adoption.
5. Define Perinatal Mortalities. Briefly describe reduction of PMR
6. X-ray findings in active Nutritional Rickets.
7. Pneumococcal vaccine.
8. Multi-drug resistant Typhoid fever.
9. Acute Flaccid Paralysis.
10. Recurrent hematuria.

(LD 1512)

OCTOBER 2013

Sub. Code: 3014

**DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENT PAEDIATRICS AND
COMMUNITY PAEDIATRICS**

Q.P. Code: 343014

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Discuss in Detail the Etiopathogenesis and management of Neonatal Hyper Bilirubinemia.
2. What are the criterias to Diagnose Severe Acute Malnutrition? How will you manage a case of Severe Acute Malnutrition.

II. Write notes on:

(10X7=70)

1. Polycythemia and its management in Newborn.
2. National Nutritional Programs.
3. Intussusception.
4. Apnea of Prematurity.
5. Intra Uterine Growth retardation (IUGR) and its complications.
6. Food Pyramid.
7. Preventable Cause of Mental Retardation.
8. Scabies.
9. Acellular Pertussis Vaccine and what are the combination vaccines available with Acellular pertussis component.
10. Diagnosis and Management of Hepatitis A.

(LE 1512)

APRIL 2014

Sub. Code:3014

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION

**NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS**

Q.P.Code: 343014

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Discuss the predisposing factors, clinical features and management of asphyxia in newborn.
2. Discuss the etiology, laboratory diagnosis and management of jaundice in newborn.

II. Write notes on:

(10X7=70)

1. Feeding of low birth weight baby.
2. Diagnosis and management of neonatal thrombocytopenic purpura.
3. Foetal hydantoin syndrome.
4. Osteopenia of prematurity.
5. Anthropometry in newborn.
6. Breast feeding vs Formula feeding.
7. Microcytic hypochromic anemia in children.
8. Mid day meals programme.
9. Masturbation in adolescent girls.
10. Harlequin foetus.

**DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS**

Q.P.Code: 343014

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the epidemiology, clinical manifestations and diagnosis of neonatal sepsis.
2. Discuss the approach to diagnosis and management of a 16 month old who was brought by parents with the complaints of delay in walking.

II. Write notes on:

(10 x 7 = 70)

1. ADHD.
2. Management of spasticity in a child.
3. Primary nocturnal enuresis.
4. Childhood obesity.
5. Kerosene poisoning.
6. DDH (Developmental dislocation of Hip).
7. Meconium peritonitis.
8. HPV vaccine.
9. Pre-lacteal feeds.
10. Beckwith Wiedemann Syndrome.

[LG 1512]

APRIL 2015

Sub. Code: 3014

**DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENT PAEDIATRICS AND
COMMUNITY PAEDIATRICS**

Q.P. Code: 343014

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Define Cerebral palsy. Classify cerebral palsy & discuss the principles of management.
2. Discuss the causes, pathophysiology and clinical features of hypoglycemia in the Newborn. Briefly write the management of hypoglycemia in newborn.

II. Write notes on:

(10 x 7 = 70)

1. IMNCI.
2. Dyslexia.
3. Management of infantile spasms.
4. Typhoid Vi polysaccharide vaccine.
5. Congenital diaphragmatic hernia.
6. Juvenile delinquency.
7. Kernicterus.
8. Late hemorrhagic disease in newborn.
9. Obsessive Compulsive Disorders.
10. Neuronal migration disorders.

[LH 1512]

OCTOBER 2015

Sub. Code: 3014

**DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENT PAEDIATRICS AND
COMMUNITY PAEDIATRICS**

Q.P. Code: 343014

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Classify high-risk infants and discuss the management and followup of these infants.
2. Discuss the pathogenesis, clinical manifestations, diagnosis and management of Necrotizing Enterocolitis in newborns.

II. Write notes on:

(10 x 7 = 70)

1. Approach to a child with dystonia.
2. Oppositional defiant disorder.
3. Large for gestational age.
4. IPV vaccine.
5. Soft neurological signs.
6. Perinatal mortality.
7. ReSoMal.
8. Encopresis.
9. Cryptorchidism.
10. Hyperinsulinism in the newborn.

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS

Q.P.Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Neonatal seizures – types, causes, evaluation, treatment of follow up.
2. Definition, causes, diagnostic strategy and approach to a child with Developmental delay.

II. Write notes on:

(10 x 7 = 70)

1. Bleeding neonate.
2. Antenatal steroids.
3. Prenatal diagnosis.
4. Management of Neonatal sepsis.
5. SMR staging.
6. Autism spectrum of disorders.
7. Resomol.
8. Child friendly school initiative.
9. NRHM.
10. Micronutrient deficiency.

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS

Q.P.Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Enumerate the stages and clinical features of hypoxic ischaemic encephalopathy. Discuss the modalities used for neuroprotection in neonates.
2. Discuss the steps involved in the developmental assessment of a child. Briefly discuss the developmental screening tests used and the role of early stimulation.

II. Write notes on: **(10 x 7 = 70)**

1. Anorexia nervosa.
2. Use of Surfactant therapy in neonatology.
3. Minimal enteral nutrition.
4. Rotavirus vaccine.
5. Pica.
6. Management of Patent ductus arteriosus in neonates.
7. Vaccine schedule of an unimmunised child.
8. Adoption.
9. Preventable causes of mental retardation.
10. Birth injuries.

(LK 1512)

MAY 2017

Sub. Code:3014

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS

Q.P.Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss the causes, clinical features and complications of a large for gestational age neonate.
2. Define global developmental delay. Discuss the various domains of development in a one year old child and the 'red flag' signs in these infants.

II. Write notes on: **(10 x 7 = 70)**

1. Treatment of Meconium aspiration syndrome.
2. Breath holding spells.
3. Newer diagnostic tests for sepsis in neonates.
4. AFP surveillance.
5. Newborn screening tests.
6. Pneumococcal vaccine.
7. Nocturnal enuresis.
8. Developmental quotient.
9. Immunisation of a preterm infant.
10. Sarnat and Sarnat classification of hypoxic ischaemic encephalopathy.

(LL 1512)

OCTOBER 2017

Sub. Code:3014

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS

Q.P.Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the causes of Neonatal hyperbilirubinemia. Discuss the etiopathogenesis of unconjugated hyperbilirubinemia, its clinical features, complications, investigations, treatment and prognosis.
2. Discuss childhood disabilities and their prevention.

II. Write notes on:

(10 x 7 = 70)

1. First day hypoglycemia in newborn and its management.
2. Hypothermia in neonates.
3. Temper tantrums.
4. Necrotising Enterocolitis.
5. Vitamin B₁₂ deficiency.
6. Attention Deficit Hyperactive Disorder.
7. Use of Zinc in children.
8. Potentially harmful traditional practices affecting child health.
9. Catch up growth.
10. Adolescent Friendly Health Clinic.

(LM 1512)

MAY 2018

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS

Q.P.Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Classify high risk newborn and discuss in detail about clinical features, investigations and management of Birth Asphyxia.
2. Discuss the etiology and management of global developmental delay in a child.

II. Write notes on:

(10 x 7 = 70)

1. Attention deficit hyper active disorder.
2. Television viewing and electronic gadgets usage in children.
3. Klinefelter syndrome.
4. Breast feeding hospital initiative.
5. Perinatal mortality.
6. IPV vaccine.
7. Antenatal steroids.
8. Management of neonatal sepsis.
9. Osteopenia of prematurity.
10. Congenital toxoplasmosis.

(LN 1512)

OCTOBER 2018

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS

Q.P. Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss the etiology, clinical features and complications of preterm babies. Add note on preterm apnea and pulmonary hemorrhage.
2. Discuss the approach to diagnosis and investigation of a 18 month old child who was brought by parents with the complaints of delay in walking.

II. Write notes on: **(10 x 7 = 70)**

1. Stammering and stuttering speech.
2. Foetal hydantoin syndrome.
3. Vitamin D resistant rickets.
4. Erb's Palsy.
5. Cold chain and reverse cold chain.
6. Dyslexia.
7. Neonatal mortality rate.
8. MR vaccine.
9. Undescended testis.
10. Intrauterine growth retardation and its complications.

(LO 1512)

MAY 2019

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS

Q.P. Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in details – the high risk new born anticipation, evaluation, management and outcome.
2. Enumerate the various national child health programmes in India.

II. Write notes on:

(10 x 7 = 70)

1. Pathological jaundice in new born.
2. Anemia of prematurity.
3. Infant of diabetic mother.
4. Extracorporeal membrane oxygenation.
5. Surgical emergencies in new born.
6. Soft neurological signs.
7. Adolescent health care.
8. Mental retardation.
9. Stereotypic movement disorder.
10. Assessment of growth.

(LP 1512)

OCTOBER 2019

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS

Q.P. Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the causes of Respiratory Distress in newborn. Describe the etiopathogenesis, clinical features, complications, investigations and treatment of Hyaline Membrane disease.
2. Discuss the role of DEIC and the strategy adopted in RBSK program.

II. Write notes on:

(10 x 7 = 70)

1. Hypocalcemia in neonate.
2. Kangaroo Mother Care.
3. Retinopathy of prematurity.
4. Disruptive Behaviour Disorder.
5. Causes of child death in India.
6. Facility based newborn care.
7. Nocturnal enuresis.
8. Infantile colic.
9. Vitamin E.
10. Ready to use therapeutic foods.

(LQ 1512)

**AUGUST 2020
(MAY 2020 SESSION)**

Sub. Code: 3014

**DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS**

Q.P. Code: 343014

**Time: Three Hours
Marks**

Maximum: 100

I. Elaborate on: **(2 x 15 = 30)**

1. Etiology, pathophysiology, clinical features and management of hypoxic ischemic encephalopathy (HIE).
2. Discuss briefly the autistic spectrum disorders.

II. Write notes on: **(10 x 7 = 70)**

1. Hemorrhagic disease of the newborn
2. Bone age assessment and its usefulness
3. Common developmental screening tests
4. Role of pediatrician in adoption of a child.
5. Persistent pulmonary hypertension (PPHN)
6. Polycythemia in newborn.
7. Thermal regulation in newborn.
8. Define failure to thrive. Approach to a child with failure to thrive.
9. Habit disorders in children.
10. Note on child abuse. Outline strategies for prevention.

[LS 1512]

**NOVEMBER 2020
(OCTOBER 2020 SESSION)**

Sub. Code: 3014

**DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS**

Q.P. Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Newborn screening.
2. Enumerate the causes of mental retardation in children and give an outline of management of a child with mental retardation.

II. Write notes on:

(10 x 7 = 70)

1. Management of hypoglycemia in newborn.
2. Physiological jaundice in newborn.
3. Intraventricular hemorrhage in neonate.
4. Human milk fortifiers.
5. Feotal therapy.
6. Sepsis screening in neonate.
7. Management of child with autism
8. Enuresis
9. Enumerate the functions and therapeutic uses of vitamin A
10. Anti infective properties of breast milk.

(DCH 0721)

**JULY 2021
(MAY 2021 SESSION)**

Sub. Code: 3014

**DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION
NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS**

Q.P. Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: (2 x 15 = 30)

1. Discuss the causes, pathophysiology, clinical features, management and prevention of hypothermia in newborn.
2. Describe the developmental milestones achieved by a two year old child.
Discuss the causes and approach to a child with global developmental delay.

II. Write notes on: (10 x 7 = 70)

1. Bilious vomiting in a neonate.
2. Antenatal hydronephrosis.
3. Continuous positive airway pressure.
4. Autism spectrum disorder.
5. Infection control in neonatal intensive care unit.
6. Hypoglycemia.
7. Growth chart.
8. Neonatal apnea.
9. Perinatal mortality.
10. Feeding of low birth weight babies.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[DCH 1121]

**NOVEMBER 2021
(OCTOBER 2021 SESSION)**

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION

**NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS**

Q.P. Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Delivery room management, clinical features and complications and management of meconium aspiration syndrome.
2. Clinical features, management and complications of infant of diabetic mother.

II. Write notes on:

(10 x 7 = 70)

1. Psychopharmacology in children.
2. Bronchopulmonary Dysplasia.
3. Sexual Abuse.
4. Necrotising Enterocolitis.
5. Apnea of prematurity.
6. Early onset neonatal infection.
7. Adverse events following immunization.
8. Attention deficit hyperactivity disorder.
9. Functional abdominal pain.
10. Recognition of a critically ill child and initial stabilization.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(DCH 0522)

MAY 2022

Sub. Code: 3014

DIPLOMA IN CHILD HEALTH (DCH) EXAMINATION

**NEONATOLOGY, DEVELOPMENTAL PAEDIATRICS AND
COMMUNITY PAEDIATRICS**

Q.P. Code: 343014

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Causes of jaundice, investigations and management of hyperbilirubinemia in the newborn.
2. Discuss the various causes of respiratory distress in a newborn and write in detail about hyaline membrane disease.

II. Write notes on:

(10 x 7 = 70)

1. Neonatal convulsions.
2. Retinopathy of prematurity.
3. Therapeutic hypothermia.
4. Fetal therapy.
5. Tracheoesophageal fistula.
6. Recurrent hypoglycaemia.
7. Specific learning disability.
8. Nocturnal enuresis.
9. District early intervention centre.
10. Growth charts.
