

The West Bengal University of Health Sciences
MBBS 3rd Professional Part II Examination, July - August 2021

Subject : Paediatrics (including Neonatology)

Full Marks : 40

Time : 2 hours

Attempt all questions. The figures in the margin indicate full marks in each question.

1. Draw a diagram of CSF circulation. Enumerate the common causes of raised intracranial tension in children. How to treat raised ICT in a child. 4+2+4

2. Write briefly *any two* of the following : 2 x 5
 - a) Management of an infant born to a HIV positive mother.
 - b) Limitations for infants of diabetic mother.
 - c) Advantages of breast milk.

3. Write short notes *any three* of the following : 3 x 4
 - a) Management of Bronchiolitis.
 - b) Pathophysiology of edema in nephrotic syndrome.
 - c) Complications of severe acute malnutrition.
 - d) Steps of management of cyanotic spells in Tetralogy of Fallot's (TOF).

4. A 2 year boy presented in the hospital with high fever and altered sensorium of 2 days duration. What are the common possibilities? How will you approach to diagnose this case? 3+5

The West Bengal University of Health Sciences
MBBS 3rd Professional Part II Examination, July - August 2021

Subject: Obstetrics & Gynaecology
Paper : II

Full Marks: 40
Time : 2 hours

Attempt all questions. The figures in the margin indicate full marks in each question.

1. Write briefly on hormonal control of menstruation. Describe the hormonal changes in the menstrual cycle with a diagram. Write its clinical application. 3+3+4

2. Define infertility. Discuss causes and management of ovulatory dysfunction. 3+2+5

3. Write short notes on *any two* of the following: 2 x 5
 - a) Supports of the uterus.
 - b) Post menopausal bleeding.
 - c) Three swab test.
 - d) Hormonal oral contraceptives: Classification and non-contraceptive benefits.

4. Answer briefly *any two* of the following: 2 x 5
 - a) Recent trend in the management of fibroid of uterus - comment.
 - b) Risk factors for endometrial carcinoma - discuss.
 - c) Hysteroscopy is one of the investigation of choice in abnormal uterine bleeding - justify.
 - d) Surgery is not a must for genital prolapse-justify.

The West Bengal University of Health Sciences
MBBS 3rd Professional Part II Examination, July - August 2021

Subject: Obstetrics & Gynaecology
Paper : I

Full Marks: 40
Time : 2 hours

Attempt all questions. The figures in the margin indicate full marks in each question.

1. A primigravida presented to the antenatal clinic at eight weeks of gestation with vaginal bleeding and passage of vesicles. Discuss diagnosis, investigation and management of this patient. Enumerate the causes. 2+5+3

2. Define eclampsia. What are the complications of eclampsia ? Outline the management of eclampsia at 34 weeks of gestation. 2+3+5

3. Write short notes on **any two** of the following: 2 x 5
 - a) Missed abortion.
 - b) Cephal haematoma of new born.
 - c) Complications of monochromic twin pregnancy.
 - d) Development of placenta.

4. Answer briefly **any two** of the following: 2 x 5
 - a) Birth spacing is must and very important for both the mother and the society- comment.
 - b) Iron folifer tablet supplementation in pregnancy necessary- justify.
 - c) Role of corticosteroids in preterm deliveries- justify.
 - d) Foetal Doppler study is vital in management of Rh-isoimmunized mother- comment.

The West Bengal University of Health Sciences
MBBS 3rd Professional Part II Examination, July - August 2021

Subject : Surgery
Paper : I

Full Marks : 60
Time : 2 ½ hours

Attempt all questions. The figures in the margin indicate full marks in each question

1. Enumerate the common causes of Lower GI Tract bleeding. Briefly discuss the investigation & management of Lower GI tract bleeding. 5+10
2. Answer *any one* of the following:
 - a) Describe the pathology, symptoms and signs, differential diagnosis and management of acute appendicitis. 3+4+4+4
 - b) A 65 year old male patient presents with progressive painless jaundice of six weeks duration. How will you evaluate and investigate the patient? Give a brief outline of management. 10+5
3. Write short notes on *any three* of the following : 3 x 5
 - a) Basal cell carcinoma.
 - b) Gastric outlet obstruction causes.
 - c) Intussusception.
 - d) Hydatid disease of liver.
 - e) Carotid body tumour.
4. Write short notes on *any three* of the following : 3 x 5
 - a) Myositis ossificans.
 - b) Volkman Ischamic Contracture.
 - c) Pathological fracture.
 - d) Classification of fracture Neck Femur.
 - e) Genu varum.

The West Bengal University of Health Sciences
MBBS 3rd Professional Part II Examination, July - August 2021

Subject : Surgery
Paper : II

Full Marks : 60
Time : 2 ½ hours

Attempt all questions. The figures in the margin indicate full marks in each question

1. Classify Testicular Tumour. Briefly describe etiology, clinical features, investigations and management of seminoma testis. 5+2+3+3+2

2. Answer *any one* of the following:
 - a) A young patient has been brought to the casualty, after a road traffic accident, with altered consciousness and vomiting. How will you evaluate the patient? Briefly outline the management of acute extradural haematoma. 10+5

 - b) A 28 year young adult complaining of colicky pain from right loin to groin with vomiting- How will you investigate & manage this case? 7+8

3. Write short notes on *any three* of the following : 3 x 5
 - a) Diabetic foot.
 - b) Glasgow coma scale.
 - c) Principles of skin grafting.
 - d) Spina bifida.
 - e) Complications of spinal anaesthesia.

4. Write short notes on *any three* of the following : 3 x 5
 - a) Congenital inguinal hernia.
 - b) PET scan.
 - c) Pre-operative preparation for Graves thyrotoxicosis.
 - d) Gingivitis.
 - e) Cystic hygroma.

The West Bengal University of Health Sciences
MBBS 3rd Professional Part II Examination, July - August 2021

Subject : Medicine

Full Marks : 60

Paper : I

Time : 2 ½ hours

Attempt all questions. The figures in the margin indicate full marks in each question.

1. Define cirrhosis of Liver. Enumerate and briefly discuss complications of cirrhosis of liver.
Describe the diagnosis and management of hepatic Encephalopathy. 1+4+2+3

2. Answer *any one* of the following:
 - a) What is pyrexia of unknown origin ? How you will approach a case of Pyrexia of unknown origin. 3+7

 - b) What do you mean by Atrial fibrillation (AF). What are the common causes and usual consequences of AF ? Enumerate the drugs used in the treatment of AF. 2+6+2

3. Write short notes on *any five* of the following: 5 x 4
 - a) Vitamin A deficiency.
 - b) Pericardial tamponade.
 - c) Down's Syndrome.
 - d) Treatment of hyperkalemia.
 - e) Wilson's Disease.
 - f) Management of dog bite with unknown status.
 - g) Management of falciparum malaria.

4. Write short notes on *any five* of the following : 5 x 4
 - a) Treatment of chronic hepatitis C.
 - b) Jugular venous pulse.
 - c) Treatment of iron deficiency anemia.
 - d) Steven Johnson Syndrome.
 - e) Extragastrintestinal manifestation of IBD.
 - f) Management of organophosphorus compound poisoning.
 - g) Acute kidney injury.

The West Bengal University of Health Sciences
MBBS 3rd Professional Part II Examination, July – August 2021

Subject : Medicine
Paper : II

Full Marks : 60
Time : 2 ½ hours

Attempt all questions. The figures in the margin indicate full marks in each question.

1. Define Transient ischemic attack. Discuss the management of a stroke patient presented with in two hours of its onset . Enumerate the causes of stroke in young subject. 1+6+3
2. Answer **any one** of the following:
 - a) A 25 year female with history of bronchial asthma presented with severe respiratory distress for last six hours. Mention the precipitating factors of such condition. Describe management of this case. 3+7
 - b) A female of 35 year old came to you with history of purpuric spots. How you will approach to make a diagnosis. Give the management of idiopathic thrombocytopenic purpura. 3+7
3. Write short notes on **any five** of the following: 5 x 4
 - a) Common side effects of 1st line anti-tubercular drugs.
 - b) Causes of haemolytic Anaemia.
 - c) Types of tremor.
 - d) Sickle cell disease.
 - e) Management of tension pneumothorax.
 - f) Management of kala azar.
 - g) Diagnosis and treatment of enteric fever.
4. Write short notes on **any five** of the following: 5 x 4
 - a) Dengue shock syndrome.
 - b) Dwarfism.
 - c) Diabetic ketoacidosis.
 - d) Clinical feature of schizophrenia.
 - e) Dexamethasone suppression test in endocrinology.
 - f) Myasthenia gravis.
 - g) Treatment of depression.