

**The West Bengal University of Health Sciences**  
**MBBS 3<sup>rd</sup> Professional Part II Examination, September 2024**  
**(Old Regulation)**

**Subject: Medicine**  
**Paper: I**

**Full Marks: 60**  
**Time : 2 ½ hours**

*Attempt all questions.*

*The figures in the margin indicate full marks in each question.*

1. What is fever of unknown origin? Enumerate some causes of fever with lymphadenopathy.  
How do you investigate a case of fever of unknown origin? 2+4+4
  
2. Answer **any one** of the following:
  - a) A 30 year old male has come to the emergency with severe epigastric pain and vomiting.  
How do you proceed to diagnose the case? 10
  
  - b) What is Nephrotic syndrome? How will you investigate and manage a patient of nephritic syndrome? 3+7
  
  3. Write short notes on **any five** the following: 5 x 4
    - a) Raynaud's Phenomenon
    - b) Vitamin C deficiency
    - c) H. Pylori associated diseases
    - d) Haematuria
    - e) Management of dog bite with unknown status
    - f) Auscultatory finding of Mitral Stenosis
    - g) APLA syndrome
  
4. Write short notes on **any five** of the following: 5 x 4
  - a) Cardiac biomarker of AMI
  - b) Diagnostic criteria for systemic lupus erythematosus
  - c) Anaphylactic hypersensitivity reaction
  - d) Lichen Planus
  - e) Management of osteoporosis
  - f) Erythropoietin
  - g) Philadelphia chromosome

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Subject : Medicine  
Paper : II

Full Marks : 60  
Time : 2 ½ hours

*Attempt all questions.*

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1. Briefly describe etiology, clinical assessment, investigations and management of thyrotoxicosis. 2+3+2+3
2. Answer **any one** of the following:
  - a. Define Transient Ischemic Attack. Discuss the management of a stroke patient presented within two hours of its onset. Enumerate the causes of stroke in young subject. 1+6+3
  - b. Briefly discuss the clinical features, diagnosis and management of iron deficiency anemia. 3+7
3. Write short notes on **any five** the following: 5 x 4
  - a) Bell's palsy.
  - b) Types of tremor.
  - c) Diabetic ketoacidosis.
  - d) Diagnosis and treatment of enteric fever.
  - e) Clinical feature of schizophrenia.
  - f) Horner's Syndrome.
  - g) Metabolic acidosis.
4. Write short notes on **any five** of the following : 5 x 4
  - a) Allergic bronchopulmonary aspergillosis.
  - b) Paraneoplastic syndrome.
  - c) Dementia.
  - d) Secondary scabies.
  - e) Addison's disease.
  - f) Pancytopenia.
  - g) Dermatological manifestation of HIV infection.

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Subject: Obstetrics & Gynaecology  
Paper: I

Full Marks: 40  
Time : 2 hours

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

1. What are the causes of fundal height less than period of gestation? Discuss the diagnosis and management of fetal growth restriction. 2+3+5
2. Write down the clinical features of multiple pregnancies. What are the common complications of multiple pregnancies? How can you diagnose multiple pregnancies with chorionicity in 2<sup>nd</sup> trimester? 3+4+3
3. Write short notes on *any two* of the following: 2 x 5
  - a) Deep transverse arrest.
  - b) Meconium aspiration syndrome.
  - c) DIC in pregnancy.
  - d) Screening test for aneuploidy.
4. Answer briefly *any two* of the following: 2 x 5
  - a) Routine antenatal anti-D prophylaxis should be mandatory in all Rh-negative pregnancy.
  - b) Tubal pregnancy does not always need surgical intervention.
  - c) Examination of placenta after delivery is must.
  - d) USG in an essential guide in obstetrics practice.

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Subject: Obstetrics & Gynaecology  
 Paper: II

Full Marks: 40  
 Time: 2 hours

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

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 endometriosis. How endometriosis can affect fertility of a woman? Discuss it's short medical management of endometriosis. 2+3+5
3. Write short notes on *any two* of the following: 2 x 5
  - a) Three swab test.
  - b) W.H.O criteria for normal semen analysis.
  - c) Myomectomy.
  - d) Supports of the uterus.
4. Answer briefly *any two* of the following: 2 x 5
  - a) Hysteroscopy is one of the investigations of choice in abnormal uterine bleeding.
  - b) Lactational period also need contraceptive coverage.
  - c) Choriocarcinoma is a curable disease.
  - d) Surgery is not a must for genital prolapse.



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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 (ICT) 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) Complication of SGA neonate.
  - b) Common causes of bleeding in neonate.
  - c) Advantages of Breast milk.
  
3. Write short notes on *any three* of the following: 3 x 4
  - a) Pathophysiology of edema in nephrotic syndrome.
  - b) Iron overload syndrome.
  - c) Chelation therapy in thalassemia.
  - d) Lumber puncture as a diagnostic tool.
  
4. A 5 year old boy baby admitted with fever for last 3 days and respiratory distress for one day. On examination temp 101 degree F, Respiratory Rate is 50/min, chest indrawing and nasal flaring present. What is the most probable diagnosis? Outline the management of this case. 2+6