

**04-01-2024****1411A1+1411A2****III-MBBS (Part-II)****RUHS****Third Professional M.B.B.S. Part-II (Main) Examination****January 2024****General Medicine****Paper-I****Time: Three Hours****Maximum Marks: 100**Attempt all questions in both sections.

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**Section-A****1. Fill in the blanks:****6 x 1 = 06**

- a) The genetic mutation associated with Wilsons disease is .....
- b) The vasculitis most commonly associated with Hepatitis B is .....
- c) Earliest ECG change in myocardial infarction is .....
- d) Type of renal tubular acidosis associated with hyperkalcemia is .....
- e) Drug of choice in Paroxysmal Supraventricular Tachycardia is .....
- f) The site of lesion in inter-nuclear ophthalmoplegia is .....

**2. Answer the following:****4 x 1 = 04**

- i. What is the definitive diagnostic test of typhoid fever?
  - a) Widal test    b) Typhidot
  - c) Latex agglutination test    d) Isolation of the organism in culture
- ii. The most effective and practical test to objectively monitor bronchial asthma is:
  - a) Spirometry    b) Peak flow meter

c) Dyspnea visual analog scale    d) Structured serial questionnaire

iii. The following findings are consistent with iron deficiency anemia, EXCEPT:

- a) Low serum ferritin level    b) Low mean corpuscular volume
- c) Low total iron binding capacity    d) Prussian blue staining

iv. All of the following findings support the diagnosis of Addison's disease, EXCEPT:

- a) Hyponatremia    b) Hyperkalemia
- c) Hypertension    d) Hyperpigmentation

3. A patient come at hospital emergency department with following complain of right side chest pain, shortness of breath with sweating and past history of coronary artery disease: 3 x 5 = 15

- a) What is the most likely diagnosis?
- b) What is investigation you need for confirmation diagnosis?
- c) What are the complications and the management of the disease?

**4. Write briefly on (Any Five).** **5x2=10**

- a) Treatment of chronic hepatitis B.
- b) Complication of chronic renal failure.
- c) Write down CSF findings of viral meningitis.
- d) Describe and management of acute rheumatic fever.
- e) Describe Pseudo-hypoparathyroidism.
- f) Describe and management of malignant hypertension.

**5. Write briefly on (Any Three).** **3x5=15**

- a) Describe etiopathogenesis and symptoms of polycythemia vera.
- b) HIV associated opportunistic infection.
- c) Write down indications and contraindications of bone marrow examination.
- d) Management of hepatic encephalopathy.

### **Section-B**

6. A 20 years old male present at hospital casualty with following complain of altered sensorium, Kussmaul breathing past history of polyphagia, polyuria, polydipsia. 4 x 5 = 20

- a) What important physical conditions to be checked in emergency department?
- b) What is probable diagnosis?
- c) What are investigation needs for confirmation diagnosis?
- d) Management of disease.

### **7. Write briefly on (Any Five).**

**5x2=10**

- a) Describe chronic non-infectious causes of diarrhea disease.
- b) Treatment of migraine headache.
- c) Pathophysiology of splenomegaly.
- d) Management of celiac disease.
- e) Management of acute gouty arthritis.
- f) Write down diagram of circle of Willis and branches.

### **8. Write shorts notes on.**

**4x5=20**

- a) What is AT-COM and describe the steps of counsel patient death to the relatives.

- b) Describe and management of myasthenia gravis.
- c) Acute and chronic blood transfusion reaction.
- d) Primary Sjogren Syndrome.

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