

**06-01-2024****1411A3+1411A4****III-MBBS (Part-II)****RUHS****Third Professional M.B.B.S. Part-II (Main) Examination (New Scheme)****January 2024****General Medicine****Paper-II****Time: Three Hours****Maximum Marks: 100**Attempt all questions in both sections.

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**Section-A****1. Fill in the blanks:****6x1=6**

- a) Most common cause of lung malignancy in smokers .....
- b) Cause of black water fever is .....
- c) False localizing sign involve cranial nerve .....
- d) Most common cause of rheumatic fever in IV drug abusers is .....
- e) Which wave is prominent in hyperkalemia in ECG .....
- f) Neurotoxic Poisonous Snake name is .....

**2. Answer the following:****4x1=4**

i. The pathogens responsible for Chagas disease is spread by which of the following insect vectors?

- a) Anopheles mosquito \_\_\_\_\_ b) Common louse \_\_\_\_\_
- c) Deer tick \_\_\_\_\_ d) Reduvild bug \_\_\_\_\_

ii. In which of the following conditions would non-invasive mechanical ventilation considered to be contraindicated?

- a) Acute exacerbation of COPD \_\_\_\_\_

b) Acute hypoxemic respiratory failure in an individual with acute respiratory distress syndrome \_\_\_\_\_

c) Acute myocardial infarction \_\_\_\_\_

d) Decompensated systolic heart failure without acute myocardial ischemia \_\_\_\_\_

iii. In an HIV infected patient, Cryptosporidium infection is associated with which of the following?

a) Blood diarrhea \_\_\_\_\_ b) Severe diarrhea fulminant syndrome \_\_\_\_\_

c) Liver abscess \_\_\_\_\_ d) Pneumonia \_\_\_\_\_

iv. All of the following disease are associated with gastric acid hyper secretion EXCEPT:

a) G-cell hyperplasia \_\_\_\_\_ b) Duodenal ulcers \_\_\_\_\_

c) Pernicious anemia \_\_\_\_\_ d) Zollinger Ellison Syndrome \_\_\_\_\_

3. A 70 years old age admitted patient in ward for right leg swelling, suddenly deteriorate with shortness of breath, tachycardia and blood pressure po recordable:

a) What is the most likely diagnosis? 05

b) What is investigation you need for confirmation diagnosis? 05

c) What are the complications and the management of the disease? 05

**4. Write briefly on (Any Five).**

**5x2=10**

Treatment of acute exacerbation of COPD.

A C O V I D - 19 Pneumonia.

Acute porphyria.

Management of Vasculotoxic snake envenomation.

Describe different stages of diabetic retinopathy and its findings.

**5. Differentiate between/ Explain why? (Any Three).****3x5=15**

- a) GOLD guideline.
- b) Pathophysiology and management of Rheumatoid Arthritis.
- c) Pathology of Fallot (POF).
- d) Pathology of Celphos poisoning and management.

**Section-B****6. Write short notes on.****4x5=20**

- a) Clinical types of Psoriasis and describe chronic plaque Psoriasis.
- b) Lab diagnosis of primary syphilis.
- c) Pathophysiology of acne and management.
- d) Ridley Jopling classification and describe borderline tuberculoid Hansen's disease.

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

- Chemoprophylaxis for contacts of pulmonary tuberculosis.
- b) Oxygen therapy for obstructive airway disease at home.
- Genetics of alpha 1 antitrypsin deficiency in emphysema.
- Allergic and non-allergic precipitants of bronchial asthma.
- Vaccine in COPD.
- Treatment of multi drug resistant tuberculosis.

**8. Write short notes on.****4x5=20**

- a) Etiology and management of intellectual development disorders.
- Mechanism of action & side effects of antipsychotics.
- Non-pharmacological management of depression.

d) Management of Psychosomatic disorders.

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