

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF MEDICINE
M.B.B.S EXAMINATION April 2021

Year: 3 (Part-2)

Subject Code: 19100401

Subject Name: Medicine - I

Date: 19/04/2021

Time: 10:00 am to 01:00pm

Total Marks: 60

Instructions: (1) Answers should be brief and to the point.

(2) Each section should be written in separate answer books.

(3) Draw diagrams and flow charts whenever necessary.

(4) MCQ section has to be completed in 15 minutes.

Section-A

1. Q: 1 multiple choice questions (MCQs)

Short stature may be due to all except?

(1×10)(10)

A. Hyperpituitarism

B. Hypothyroidism

C. Cushing's syndrome

D. GH deficiency.

2. Most common site of spinal tuberculosis in adults is ?

A. Cervical

B. Upper thoracic

C. Lower thoracic

D. Lower lumbar

3. Titration of doses of anti-thyroid drugs is best based on ?

A. Unbound T3 levels

B. Unbound T4 levels

C. TSH

D. Any of the above

4. In severe malaria, a poor prognosis is indicated by ?

A. > 20 % of parasites with visible pigment in PBF

B. Presence of circulating schizonts in PBF

C. Phagocytosed malarial pigment in >5% of neutrophils

D. All of the above

5. Gastric infection with H. pylori can lead to all except?

A. Peptic ulcer disease (PUD)

B. Gastric mucosal-associated lymphoid tissue lymphoma

C. Ulcerative colitis

D. Gastric adenocarcinoma

6. Which of the following about Celiac disease is false ?

- A. Systemic disorder
- B. Immune-mediated disorder
- C. Triggered by dietary gluten
- D. None of the above

7. "Glucose toxicity" refers to ?

- A. Acute hyperglycemia impairing islet function
- B. Chronic hyperglycemia impairing islet function
- C. Seizures in hyperglycemia
- D. All of the above

8. Which of the following can be administered orally ?

- A. Heparin
- B. Low-molecular-weight heparin (LMWH)
- C. Dabigatran etexilate
- D. Fondaparinux

9. Combination reperfusion regimens involve giving a fibrinolytic agent with which of the following ?

- A. Aspirin
- B. Clopidogrel
- C. Intravenous glycoprotein IIb/IIIa inhibitor
- D. Percutaneous coronary intervention (PCI)

10. Which of the following about macrocytes is false ?

- A. Red cells are larger than a small lymphocyte.
- B. Well hemoglobinized red cells
- C. Often oval shaped
- D. None of the above

Q: 2 Write short notes (any two of three)

10 (2×5)

- a) Diagnosis and management of congestive cardiac failure.
- b) Complications and management of dengue fever.
- c) Clinical features, diagnosis and management of megaloblastic anemia.

Section-B

Q: 3 Long answer questions (any one of two)

08 (1×8)

- a) How do you differentiate between unstable angina and myocardial infarction? Write management of MI.
- b) What are acute complications of diabetes mellitus? Write about diagnosis and management of diabetic ketoacidosis.

Q: 4 Write short notes (any three of four)

12 (3×4)

- a) COVID 19
- b) Etiology of acid peptic disease.
- c) ITP
- d) Viral markers of hepatitis B.

Section-C

Q: 5 Write short notes (any two of three)

08(2×4)

- a) Clinical and laboratory features of hyperthyroidism
- b) Management of bacterial meningitis.
- c) Complications of cirrhosis.

Q: 6 Write short notes (any four of five)

12 (3×4)

- a) Write six peripheral signs of Aortic regurgitation.
- b) Syndrome X
- c) Complications of blood transfusion.
- d) Diagnosis of infective endocarditis.
- e) Artesunate combination therapy