

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
B.Sc(ALLIED HEALTH SCIENCES) DEGREE EXAMINATIONS - September 2021
Second Year
MEDICINE RELEVANT TO TECHNOLOGY

Three Hours

Maximum: 75 marks

SECTION - A

I. Choose the Best Answer :**(10 x 1 = 10)**

1. Which antihypertensive drug is contraindicated in bradycardia:
a) Amlodipine b) Atenolol c) Thiazide d) None
2. "Blue bloater" is associated with:
a) Emphysema b) Chronic bronchitis c) Pulmonary fibrosis d) Bronchial asthma
3. Dysmorphic red blood cells in urine are found in:
a) Bladder cancer b) Renal stone c) Glomerulonephritis d) Prostatism
4. Amount of protein normally excreted in urine per day is:
a) 1 gm b) 500 mg c) 150 mg d) No protein is present
5. In status epilepticus, the initial drug to be given is:
a) Phenytoin b) Diazepam c) Phenobarbitone d) Carbamazepine
6. Features not associated with type 2 diabetes mellitus:
a) Onset after 30 years b) Obesity c) Ketoacidosis very common d) Insulin resistance
7. Drug which inhibits absorption of glucose from intestine is:
a) Gliclazide b) Pioglitazone c) Acarbose d) Natiglinide
8. The following can be measured by sphygmo-manometer and palpating the artery:
a) Systolic blood pressure b) Diastolic blood pressure c) Both d) None
9. Following are the features of iron deficiency anemia except:
a) Low serum ferritin b) Hypochromic microcytic
c) Absent marrow iron on biopsy stain d) Decreased total iron binding capacity
10. Dressler syndrome is a complication of:
a) Hypertension b) Pericarditis c) Mitral stenosis d) Myocardial infarction

II. Write Short Answers on any FIVE of the following:**(5 x 5 = 25)**

11. Grand mal epilepsy
12. Petitmal epilepsy
13. Causes of epilepsy
14. Status epilepticus
15. Morphological classification of Anaemia
16. Megaloblastic anaemia
17. Polycythemia

III. Write Short Essays on any TWO of the following:

(2 x 10 = 20)

18. Explain Chronic Liver Failure.
19. Explain MI. Its Complications and Management. Add a note on Acute Coronary Syndrome.
20. Explain Focal partial seizures and Grandmal epilepsy.
21. Thalassemia

IV. Write Essays on any ONE of the following:

(1 x 20 = 20)

22. Define Diabetes Mellitus, its types, clinical features and treatment options for DM. Add a small note on complications of DM.
23. Define IHD. I) Its Pathogenesis II) Risk Factors III) Clinical presentation and Clinical findings IV) Management criteria. Add a note on ACS and MI and Medical Management

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