

**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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