

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
B.Sc(CARDIAC TECHNOLOGY) & M.Sc(INTEGRATED PROGRAMS IN CARDIAC
TECHNOLOGY) DEGREE EXAMINATIONS -February 2020

SECOND YEAR

MEDICINE RELEVANT TO CARDIAC TECHNOLOGY

Three Hours

Maximum: 75 marks

SECTION - A

I. Choose the Best Answer :

(10 x 1 = 10)

1. Major criteria for acute rheumatic fever include all except:
A. Pancarditis B. Fever C. Sydenham's chorea D. Polyarthritus
2. The diuretic preferred in acute pulmonary edema is:
A. Loop diuretics B. Potassium sparing C. Thiazides D. All
3. "Blue bloater" is associated with:
A. Emphysema B. Chronic bronchitis
C. Pulmonary fibrosis D. Bronchial asthma
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. Following feature is specific for chronic renal failure:
A. Hyperkalemia B. Acidosis C. Oliguria D. Small contracted kidneys
6. In status epilepticus, the initial drug to be given is:
A. Phenytoin B. Diazepam C. Phenobarbitone D. Carbamazepine
7. Earliest feature in diabetic nephropathy is:
A. Hematuria B. Raised serum creatinine
C. Microalbuminuria D. Overt proteinuria
8. Drug which inhibits absorption of glucose from intestine is:
A. Gliclazide B. Pioglitazone C. Acarbose D. Natiglinide
9. Bradycardia is defined as pulse rate less than _____ per minute.
A. <60 B.<40 C.<50 D.<70
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. Tuberculous Meningitis
12. Iron deficiency anaemia
13. Sick cell Anaemia
14. Intermittent Claudication(Including BMT)

(p.t.o)

15. Acute Limb Ischaemia
16. Patent Ductus arteriosus
17. Atrial septal defect

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

(2 x 10 = 20)

18. Dilated Cardiomyopathy
19. Thrombocytopenia. Explain Idiopathic Thrombocytopenia Purpura & its Management
20. Chronic Renal Failure
21. Syncope

IV. Write Essays on any ONE of the following:

(1 x 20 = 20)

22. 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
23. Define Diabetes Mellitus, its types, clinical features and treatment options for DM. Add a small note on complications of DM.

(S.No.M22457)

