

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
B.Sc(CARDIAC TECHNOLOGY) & M.Sc(INTEGRATED PROGRAMS IN CARDIAC
TECHNOLOGY) DEGREE EXAMINATIONS -August 2019

SECOND YEAR

MEDICINE RELEVANT TO CARDIAC TECHNOLOGY

Three Hours

Maximum: 75 marks

SECTION - A

I. Choose the Best Answer :

(10 x 1 = 10)

1. Most common congenital heart disease is:
A. ASD B. VSD C. Fallot's tetralogy D. Pulmonary stenosis
2. Which antihypertensive drug is contraindicated in bradycardia:
A. Amlodipine B. Atenolol C. Thiazide D. None
3. Following can be used in the treatment of pulmonary edema except:
A. Morphine B. Frusemide C. Beta blockers D. Nitrates
4. Dysmorphic red blood cells in urine are found in:
A. Bladder cancer B. Renal stone C. Glomerulonephritis D. Prostatism
5. Insulin is used in the treatment of:
A. Hyperkalemia B. Hypercalcemia C. Hyponatremia D. Hypermagnesemia
6. Drugs useful in treatment of status epilepticus are all except:
A. Phenytoin B. Phenobarbitone C. Clonazepam D. Midazolam
7. Treatment of choice for type 1 diabetics:
A. Metformin B. Insulin C. Acarbose D. Glipizide
8. Anemia is important side effect of:
A. Lamivudine B. Efavirenz C. AZT (Zidovudine) D. All of the above
9. Normal respiratory rate in adults is _____ per minute.
A. 14-16 B. 12-16 C. 12-14 D. 10-12
10. Most sensitive marker of MI is:
A. Troponin T B. CPK C. SGOT D. LDH

II. Write Short Answers on any FIVE of the following:

(5 x 5 = 25)

11. Facial Palsy
12. Megaloblastic anaemia
13. Polycythemia
14. PVD and its Clinical findings
15. Chronic upper limb arterial disease
16. Acute renal failure
17. Tetralogy of fallot

(p.t.o)

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

(2 x 10 = 20)

18. Rheumatic Heart Disease.
19. Hypertrophic cardiomyopathy.
20. Role of dialysis & renal transplantation in AKD & CRF.
21. Meningitis- Bacterial Meningitis, clinical findings and Management.

IV. Write Essays on any ONE of the following:

(1 x 20 = 20)

22. What are congenital Heart Disease. Explain in detail about patent ductus arteriosus and tetralogy of fallot.
23. Define hypertension. Its Causes, Pathophysiology including RAAS and Write the complications and Management of hypertension.

(S.No.M21807)

