

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM**

**B.Sc( ANAESTHEISA TECHNOLOGY) DEGREE EXAMINATIONS -February 2020**

**SECOND YEAR**

**MEDICINE RELEVANT TO ANAESTHEISA 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. Kussmaul's breathing is seen in:  
A. Metabolic alkalosis      B. Respiratory alkalosis  
C. Metabolic acidosis      D. Respiratory acidosis
3. Prerenal ARF can occur in:  
A. Massive blood loss      B. Severe diarrhea  
C. Heart failure      D. All of the above
4. Following feature is specific for chronic renal failure:  
A. Hyperkalemia      B. Acidosis  
C. Oliguria      D. Small contracted kidneys
5. Drugs useful in treatment of status epilepticus are all except:  
A. Phenytoin      B. Phenobarbitone  
C. Clonazepam      D. Midazolam
6. Jacksonian march is seen in:  
A. Simple partial seizures      B. Petit mal seizures  
C. Grand mal seizures      D. Complex partial seizures
7. Initial drug preferred in type 2 obese diabetics:  
A. Gliclazide      B. Repaglinide      C. Metformin      D. Acarbose
8. Cyanosis in CHF is of following type:  
A. Central      B. Peripheral  
C. Both, central and peripheral      D. Not found
9. Bradycardia is defined as pulse rate less than \_\_\_\_\_ per minute.  
A. <60      B.<40      C.<50      D.<70
10. Earliest indication of diabetic nephropathy is:  
A. Hematuria      B. Oliguria  
C. Proteinuria      D. Raised serum creatinine

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

**(5 x 5 = 25)**

11. Shock
12. Petitmal epilepsy
13. Classification of anaemia

(p.t.o)

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14. Iron deficiency anaemia
15. Thalassemia
16. Pernicious Anaemia
17. Sickle cell Anaemia

**III. Write Short Essays on any TWO of the following: (2 x 10 = 20)**

18. What is chronic renal failure? Explain ESRD and RRT in Chronic Renal Failure.
19. Explain Focal partial seizures and Grandmal epilepsy..
20. Explain the classification of epilepsy and its pathophysiology.
21. CVA

**IV. Write Essays on any ONE of the following: (1 x 20 = 20)**

22. Define Systemic hypertension. Causes of Hypertension, Pathophysiology including RAAS and complications and Management of hypertension.
23. Define COPD. Explain in detail about chronicbronchitis and emphysema.

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(S.No.M22460)



