Course code: 30117205/32117205/26617203

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM (Deemed to be University)

B.Sc(ALLIED HEALTH SCIENCES) DEGREE EXAMINATIONS - September 2021

Second Year

	MEDICINE RELEVA	NT TO TECHNO	LOGY	
Three	ee Hours		Maximum: 75 marks	
	SECT	ION - A		
I. Cho	Choose the Best Answer:		$(10 \times 1 = 10)$	
1.	. Following is the feature of ASD:			
	a) Continuous murmur	b) High chance of	SABE	
	c) Wide and fixed second heart sound D23			
	d) Commonest type of congenital heart disease			
2.	The most common form of hypertension is:			
	a) Renovascular b) Essential hypertension			
3.4.	E I		_	
	a) Morphine b) Frusemide	c) Beta blockers	d) Nitrates	
	-	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.	, ,	mg a) No p	rotein is present	
	ε	a) Hypercalcemia and hyperphosphatemia b) Hypocalcemia and		
	hypophosphatemia c) Hypocalcemia and hyperphosphatemia d) Hypercalcemia and			
	hypophosphatemia e) Hypocareemia and	пурстриозришении	a) Hypercureenina and	
6.	• • • • • • • • • • • • • • • • • • • •			
	a) Simple partial seizures b) Petit mal seizures			
	c) Grand mal seizures d) Complex partial seizures			
7.	•	•		
		c) Metformin	d) Acarbose	
8.	· · · · · · · · · · · · · · · · · · ·	,	,	
		a) Fallot's tetralogy b) Methemoglobinemia c) Sulfhemoglobinemia		
	d) All of the above			
9.	In coarctation of aorta, following is true:			
	a) BP in lower limbs is higher than in upper limbs			
	b) BP is equal in lower and upper limbs			
	c) BP in upper limb is higher than in lower limbs			
d) BP is generally not recordable in upper limbs				
10.	Following are the features of iron deficiency anemia except:			
	a) Low serum ferritin b)	Hypochromic micro	ocytic	

c) Absent marrow iron on biopsy stain d) Decreased total iron binding capacity

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

 $(5 \times 5 = 25)$

- 11. Facial Palsy
- 12. Iron deficiency anaemia
- 13. Sickle cell Anaemia
- 14. PVD and its Clinical findings
- 15. Critical Limb Ischaemia
- 16. Acute renal failure
- 17. Atrial sepital defect

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

 $(2 \times 10 = 20)$

- 18. Dilated Cardiomyopathy
- 19. Hypertrophic cardiomyopathy
- 20. Classification of anaemia
- 21. Meningitis- Bacterial Meningitis, clinical findings and Management

IV. Write Essays on any ONE of the following:

 $(1 \times 20 = 20)$

- 22. Discuss in detail about Left Heart failure and pulmonary oedema (Pathophysiology). i) Clinical findings of LHF. ii) Treatment of LHF
- 23. Define hypertension. Its Causes, Pathophysiology including RAAS and Write the complications and Management of hypertension.

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