

Electrolyte replacement 2022-2023 – Question Paper

Date	
Name	
Background	
1. List the 5 most common electrolytes in the body (2.5 marks)	
2. Potassium is mainly intracellular (1 mark)	True / False
3. List 3 prescribing principles to be considered in electrolyte replacement (1.5 marks)	
4. Sodium is mainly extracellular (1 mark)	True / False
5. List 3 electrolytes commonly found in bones (1.5 marks)	
Potassium	
6. What is the normal range of potassium in the blood (1mark)	
7. What treatment do you give in hyperkalaemia to protect the heart (1mark)	
8. What are the 5 hyperkalaemia treatment strategies (2.5 marks)	
9. ACEIs can cause hyperkalaemia (1mark)	True /False
10. Thiazide diuretics can cause hypokalaemia (1mark)	True /False
Sodium	
11. What is the normal range of Sodium in the blood (1mark)	
12. List 3 main functions of Sodium in the body (1.5 marks)	
13. List 3 symptoms of hypernatremia (1.5 marks)	
14. Fluid restriction is a treatment option in hypernatremia (1mark)	True /False
Calcium	
15. What is the normal range of adjusted Calcium in the blood (1mark)	
16. List 3 functions of Calcium in the body (1.5 marks)	
17. First line treatment for hypercalcemia is IV 0.9% sodium chloride(1mark)	True /False
18. Calcitonin is not a treatment for hypercalcemia (1mark)	True /False
19. calcium gluconate 10% is used to treat hypocalcaemia(1mark)	True /False
Phosphate	
20. What is the normal range of Phosphate in the blood (1mark)	

Electrolyte replacement 2022-2023 – Question Paper

21. List 2 functions of Phosphate in the body (1 mark)		
22. List 3 electrolytes depleted in “Refeeding syndrome” (1.5 marks)		
Magnesium		
23. What is the normal range of Phosphate in the blood (1mark)		
24. 1g of magnesium sulphate = 1mmol magnesium (1mark)		True /False
Summary of questions paper – 24 out of 30 required correct to pass		
Result – Pass	Pass after discussion	Result- Pass
Yes /No	Yes/No	Yes/ No