

Seat No.: _____

Enrolment No. _____

PARUL UNIVERSITY
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES
B.Sc.Med. Sci. March-2023 Examination

Year: 3

Date: 27/03/2023

Subject code: 19110304

Time: 10:00am to 10:45am

Subject Name: RD MOD-1 Applied Dialysis Technology-I

Total Marks: 30 marks

Instructions:

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.

Q.1 Definition (any 5 out of 6) (Each 1 Mark) (05)

1. What is dialysis and when is it indicated?
2. What are the types of dialysis
3. What is diffusion?
4. What is vascular access?
5. What are the different types of membrane?
6. Who performs vascular access?

Q.2 Short question (any 5 out of 6) (Each 2 Mark) (10)

1. Who is father of dialysis what is history of dialysis
2. What is the principle of Hemodialysis explain?
3. Write types of PD catheters
4. What is a chronic complication of dialysis?
5. write any 4 acute intradialysis complication
6. What is called dialysis?

Q.3 Long question (any 3 out of 4) (Each 5 Mark) (15)

- 1 Differentiate between peritoneal dialysis and hemodialysis.
- 2 Explain the types of dialyzer with diagram
- 3 What is the description of Hemodialysis machine, explain with diagram.
- 4 Write a note on the complications of dialysis and management.