

Seat No: _____

Enrolment No: _____

PARUL UNIVERSITY
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES
B.Sc. Med. Sci. Examination April-2022-23

Year: 3

Subject Code: 19111302

Subject Name: Renal dialysis-2

Date: 13/04/2023

Time: 10:00 am to 1:00 pm

Total Marks: 70

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1(A): Answer the following questions in details (2 out of 3) (Each worth 7.5 marks) 15 marks**
- (i) Write principle, segregation, role and responsibilities of BMW
 - (ii) List out different sterilization method and explain any one in detail
 - (iii) Water treatment for dialysis
- Q.1(B): Answer in short (5 out of 7) (Each worth 1 marks) 05 marks**
- (i) What is AVG
 - (ii) What is AVF
 - (iii) Full form of HCV
 - (iv) List out principle of dialysis
 - (v) What is osmosis
 - (vi) Diffusion
 - (vii) Reuse of dialyzer is called
- Q.2(A): Write short notes on any of the following (3 out of 5) (Each worth 5 marks) 15 marks**
- (i) Common causes of chronic kidney diseases
 - (ii) Give the 5-disease name where plasma pheresis is needed.
 - (iii) Which waste is discarded in red bag.
 - (iv) Common factors associated with hypotension
 - (v) Shock
- Q.2(B): Answer in short (5 out of 7) (Each worth 1 marks) 05 marks**
- (i) Equipment use in dialysis unit
 - (ii) Haemodialysis.
 - (iii) Record and report in dialysis unit
 - (iv) Principle and working with dialysis machine
 - (v) Anticoagulation
 - (vi) Therapeutic diet
 - (vii) Full Form of CKD
- Q.3: Write a detailed note on the following (2 out of 3) (Each worth 7.5 marks) 15 marks**
- (i) Draw cycle of plasmapheresis
 - (ii) Difference between reuse dialyzer and single use dialyzer
 - (iii) Difference between AVF and AVG
- Q.4: Write short notes on any of the following (3 out of 5) (Each worth 5 marks) 15 marks**
- (i) Name 5 different dialyzer
 - (ii) Draw water treatment system
 - (iii) Name 5 emergency medicine
 - (iv) Explain CPR
 - (v) Explain management of hypotension and hypertension.