

# Question Paper

Exam Date & Time: 01-Jun-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER M.Sc. (RENAL REPLACEMENT THERAPY & DIALYSIS TECHNOLOGY) DEGREE EXAMINATION -  
MAY/JUNE 2022  
SUBJECT: MDT 702 - ADVANCES IN DIALYSIS TECHNICS  
(2018 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Discuss the common blood-borne infection in a haemodialysis patient. Explain how it can be prevented in the dialysis unit. (20)
- 2) Describe the advantages and disadvantages of long-term peritoneal dialysis in children. (20)
- 3A) Explain the transmission of MRSA infection in dialysis patients and how it can be prevented? (10)
- 3B) What is home dialysis? Compare home and center dialysis. (10)
- 3C) Explain nutritional management in paediatrics dialysis patients. (10)
- 3D) What are the indications and contraindications for pediatric CRRT? (10)
- 4A) Discuss the outcome and prognosis of Chronic kidney disease during pregnancy. (5)
- 4B) Explain renal abnormalities associated with pre-eclampsia during pregnancy. (5)
- 4C) Explain the hemodialysis complications in old age patients. (5)
- 4D) Write a note on the selection of hemodialysis catheters in a paediatric population. (5)

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