

Question Paper

Exam Date & Time: 30-May-2022 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B.Sc. RRT & DT DEGREE EXAMINATION - MAY/JUNE 2022
SUBJECT: RRT2241 - PROGRAM ELECTIVE-1 - PEDIATRIC DIALYSIS
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) List the types of vascular access used in the pediatrics hemodialysis patients. Explain catheter size and preferred access location in these patients. (10)
- 2) Outline the common complications of peritoneal dialysis in pediatrics. List any four advantages of pediatric peritoneal dialysis. (10)
- 3A) Explain the causes and management of hypotension in pediatrics during hemodialysis. (5)
- 3B) What is the importance of nutrition in pediatric dialysis patients? (5)
- 3C) Outline the components of pediatric hemodialysis prescription. (5)
- 3D) List the indications and contraindications for pediatric peritoneal dialysis. (5)
- 4A) Name the peritoneal dialysis modalities used in the pediatric patients. (2)
- 4B) Define hemodialysis adequacy. (2)
- 4C) What are the advantages of curled PD catheters over straight catheters in children? (2)
- 4D) Name any two indications for hemodialysis in children. (2)
- 4E) List any two importance of family training in pediatric dialysis. (2)

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