

Question Paper

Exam Date & Time: 04-Dec-2018 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIFTH SEMESTER B.Sc. (RRT & DT) DEGREE EXAMINATION - DECEMBER 2018
SUBJECT: BDT 301 - RENAL TRANSPLANTATION AND HEMODIALYSIS GUIDELINES
(2016 SCHEME)

Tuesday, December 04, 2018 (14.00 - 17.00)

Answer ALL questions.

Marks: 100

Duration: 180 mins.

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| 1A) | Explain the evaluation of donor and recipient for kidney transplantation. | (20) |
| 1B) | Explain the immunosuppressant drugs used for kidney transplant recipient. | (20) |
| 2A) | Discuss innate immunity. | (10) |
| 2B) | Explain the ISN recommendations for dialyzer reprocessing. | (10) |
| 3A) | What is HLA? Write a note on role of HLA match in graft survival. | (5) |
| 3B) | List the advantages of kidney transplant over dialysis. | (5) |
| 3C) | Discuss ethical and social issues related to dialysis. | (5) |
| 3D) | Write the advantages and disadvantages of living donor kidney transplantation. | (5) |
| 3E) | Explain the procedure for handling arterio-venous fistula. | (5) |
| 3F) | Write a note on lymphoid organs. | (5) |
| 4A) | Define isograft. | (2) |
| 4B) | What is phagocytosis? | (2) |
| 4C) | What is sensitization? | (2) |
| 4D) | Write any two disadvantages of kidney transplantation. | (2) |
| 4E) | What are the indications for kidney transplantation? | (2) |

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