

Question Paper

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



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER B.Sc. RRT & DT DEGREE EXAMINATION - JUNE/JULY 2022
SUBJECT: ANAT 102 - ANATOMY II
(2016 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

1. Describe knee joint under:

- | | | |
|-----|---|------|
| 1A) | Type | (1) |
| 1B) | Articular surfaces | (2) |
| 1C) | Ligaments | (5) |
| 1D) | Applied anatomy | (2) |
| 2) | Describe the boundaries and contents of cubital fossa. Add a note on applied aspects.
(5+4+1 = 10 marks) | (10) |
| 3A) | Lumbricals of hand. | (5) |
| 3B) | Rotator cuff. | (5) |
| 3C) | Adductor canal. | (5) |
| 3D) | Great saphenous vein. | (5) |
| 4A) | Surgical neck of humerus. | (2) |
| 4B) | Clavipectoral fascia. | (2) |
| 4C) | Name Any FOUR muscles of facial expression. | (2) |
| 4D) | Iliotibial tract. | (2) |
| 4E) | Dorsalis pedis artery. | (2) |

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Question Paper

Exam Date & Time: 04-Jul-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER B.Sc. RRT & DT DEGREE EXAMINATION - JUNE/JULY 2022
SUBJECT: BDT102 - KIDNEY DISEASE - II
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Define renal clearance. Discuss the methods of GFR measurement and its role in staging chronic kidney disease. (20)
- 2) List the common hematological abnormalities found in kidney disease. Write the special features of renal anemia and erythropoietin treatment. (20)
- 3) What is a kidney biopsy? List-post kidney biopsy complications and discuss the post-biopsy monitoring. (10)
- 4) Discuss the features and management of hematuria and proteinuria conditions. (10)
- 5A) List the commonly seen cardiovascular disorders in kidney failure. Discuss briefly any one disorder. (5)
- 5B) What is anorexia? List the causes of anorexia and treatment measures in chronic kidney disease individuals. (5)
- 5C) What is creatinine? Brief about its production and its excretion by the kidney. (5)
- 5D) List the importance of renal assessment. (5)
- 5E) Define and describe metabolic acidosis in chronic renal failure. (5)
- 5F) Brief on pulmonary edema in renal failure. (5)
- 6A) What are middle molecules? Give two examples. (2)
- 6B) Why potassium intake restriction is important in chronic kidney disease condition? (2)
- 6C) What is uremic encephalopathy? (2)
- 6D) What are the disadvantages of magnetic resonance imaging? (2)
- 6E) Write any two causes and two preventive measures for pruritus in renal failure. (2)

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