

PAPER CODE: US001

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TELANGANA STATE, WARANGAL – 506 002
POST DOCTORAL FELLOWSHIP EXAMINATIONS: DECEMBER 2025

URO SURGICAL ONCOLOGY
(PAPER–I)

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions with neat diagrams whenever necessary
All question carry equal marks.

Write an essay on the following:

10 X 10 = 100

1. Describe the surgical anatomy of the penis, vascular supply and nerve supply (with diagrams).
2. Describe the complications associated with pneumoperitoneum.
3. Describe multiparametric MRI for bladder and its components. Describe VI-RADS classification.
4. Describe tumour syndromes in renal malignancies- affected genes and chromosomes.
5. Describe the mechanism of action of Darolutamide. Mention two trials each in CSPC and nmCRPC with results.
6. Premalignant lesions of penis and their management.
7. Define biochemical failure post RP and post RT; evaluation and management of rising PSA two years post RP.
8. Treatment options for T1 high grade NMIBC.
9. Define BCG failure and describe treatment options post BCG failure.
10. Different modalities of radiation therapy, add a short note on proton therapy.
