

GENITO URINARY SURGERY (UROLOGY)
PAPER-ITime: 3 hours
Max. Marks:100

GUS/J/20/13/I

Important Instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

- Describe the development of male urethra and the pathogenesis of hypospadias. 3+3+4
 - What is GMS (Glans Meatus Shaft) score and discuss its significance?
 - Briefly outline the management of penoscrotal hypospadias.
- Histopathological features of Gleason grade 3,4 & 5 carcinoma prostate. 4+3+3
- ECG changes in a patient with hyperkalemia. 4+6
 - Stepwise management of hyperkalemia.
- Abiraterone - mechanism of action. 3+(4+3)
 - What hormones are reduced, and what hormones are increased in a patient on abiraterone?
- Pathogenesis of bony changes in patients with chronic kidney disease. 5+5
 - Methods to reduce/reverse these changes.
- Mechanism of occurrence of ureteric avulsion during uretero-rensoscopy, with the help of line diagrams. 6+4
 - What are the possible management options?
- Contraindications and complications of ESWL, and management of the complications. 3+3+4
- Is treatment of asymptomatic bacteriuria in pregnancy necessary? Describe the rationale for and against treatment. 5+5
 - How do you treat a pregnant woman with symptomatic febrile urinary infection?
- Define post-obstructive diuresis, its mechanism and clinical management. 3+3+4
- Describe methods to estimate GFR in prospective renal donor with advantages and limitations of each. 10
