

**The West Bengal University of Health Sciences**  
**MBBS. 3rd Professional Part-II Examination, 2019**

**Subject: Surgery**

**Paper : II**

**Time: 2 ½ hrs.**

**Full Marks: 60**

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Attempt all questions. The figures in the margin indicate distribution of marks in each Question

*Use separate answer script for each group*

**Group-A**

1. Enumerate the causes of anuria. How would you differentiate between prerenal and renal anuria.  
Give the management of calculus anuria (principles only) 5 + 5 + 5

**Group B**

2. a) What are the anatomical and pathophysiological changes that lead to the development of the primary varicose veins of the lower limbs? How would you test clinically the competence of the valves of the sapheno-femoral, sapheno-popliteal junctions and the leg perforators? Give the management of a patient with primary varicose vein with sapheno-femoral incompetence. 6+4+5

- b) Define thyrotoxicosis. Enumerate the grade-wise presentation of the eye signs in thyrotoxicosis. Give the brief outline of the diagnosis and options of management of Graves Disease. 2+3+5+5

**Group-C**

3. Write short notes of any three of the following : 3x5

- a) Magnetic resonance cholangio-pancreatography(MRCP)
- b) Epidural Anesthesia.
- c) Split-thickness skin graft.
- d) Choledochal Cyst.
- e) Complications of External beam radiation therapy.

**Group D**

4. Write short notes of any **three** of the following:

3 x 5

- a) Epulis.

- b) Ultrasound Wave Therapy.
- c) Flail chest with paradoxical respiration.
- d) Secondary Brain Injury.
- e) Diabetic foot.

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