

**The West Bengal University of Health Sciences**  
**MBBS 3<sup>rd</sup> Professional Part II Examination, February - March 2021**

Subject : Surgery  
Paper : I

Full Marks : 60  
Time : 2 ½ hours

*Attempt all questions. The figures in the margin indicate full marks in each question*

1. Name three blood products and their uses. What are the indications a blood transfusion ?  
What is massive blood transfusion. 5+5+5
2. Answer **any one** of the following:
  - a) A 35 year old lady has come to the emergency with burn injury by flame about 2 hours back. How would you estimate the extent & depth of burn of this patient? How would you proceed to manage this lady with an estimated burn of 50 % involving surface area? 6+9
  - b) A 55 year old post menopausal lady has presented with a painless lump of 3x4 cm involving upper outer quadrant of left breast with a solitary mobile level 1 ipsilateral axillary lymph node. How would you proceed clinically to come to your diagnosis? Briefly describe necessary investigation to confirm your diagnosis and plan of management. 4+6+5
3. Write short notes on **any three** of the following : 3 x 5
  - a) Carcinoid tumour.
  - b) Keloid.
  - c) Complications of splenectomy.
  - d) Epigastric hernia.
  - e) Mackel's diverticulum.
4. Write short notes on **any three** of the following : 3 x 5
  - a) Pott's paraplegia.
  - b) Stress fracture.
  - c) Spondylolisthesis.
  - d) Frozen shoulder.
  - e) Sequestrum.