

**Date: 02-01-2015**

**0115 E042**

**Second Year MBBS Examination**

**II MBBS Pathology Paper 2**

**Time: 2 hours**

**Max Marks: 40**

**Instructions:**

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

**Section 1**

**1. Write Short notes of (any two) (10)**

a) Discuss biochemical mechanism of cell injury/Biochemical themes/molecular mechanisms for cell injury and cell death.

(A.27,B.11-12)

b) Micro-organism and cancer

c) Discuss blood transfusion reaction.

(A.339)

**2. Write short notes on (any three) (12)**

- a) Arachidonic acid metabolites in inflammation (A.137)
- b) Metastatic calcification (A.51,52,8.38)
- c) Tumour markers. (A.233-234,8.326-327)
- d) Chemotaxis. (A.134,8.50)

**3. Give short account of any three (12)**

- a) Renal function test. (A.652)
- b) Peripheral smear findings in megaloblastic anemia. (A.306,8.654)
- c) Chronic myeloid leukemia (A.357,8.627)
- d) Eosinophil in health and disease (A.141,350)

**4. Write Answer to the point in two or three sentences; (any six) (6)**

- a) Name two X-linked recessive diseases.
  - b) Give two examples of type III hypersensitivity reaction. (A.73,8.198)
  - c) What is opsonisation?
  - d) Name two genes involved in apoptosis.
-

(A.46,B.25)

e) Name two endogenous brown black pigments. (A.40,8.36)

f) What is membrane attack complex?

g) Two ultra structural changes in irreversible cell injury. (A.27,B.11-12)

h) What is tigered effect?

[www.FirstRanker.com](http://www.FirstRanker.com)