

**Date: 06-01-2017**

**0117 E012**

**Second Year MBBS Examination**

**II MBBS Pathology Paper 1**

**Time: 2 hours**

**Max Marks: 40**

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 briefly (any two) (10)**

a) Laboratory diagnosis of hemolytic anemia(A.310)

b) Dystrophic calcification(A.51,B.14-16)

c) Sago spleen(A.90:8.254)

**2. Write briefly (any three) (12)**

- a) Leukemoid reaction(A. 352)
- b) Nutmag liver(A. 106)
- c) Chemotaxis(A.134,8.50)
- d) Staining techniques of amyloid(A. 85, 87, B. 249, 254)

**3. Write briefly (any three) (12)**

- a) Mechanism of granuloma formation(A.148,8.73)
- b) Anaphylactic hypersensitivity reaction
- c) Sickle cell trait(A.318,8.645-648)
- d) Lupus erythematosus cell (L.E.cell)

**4. Answer in one or two sentences (any six): (6)**

- a) Target cell
  - b) Giant cell(A. 143, B. 74)
  - c) Zeta sedimentation rate
  - d) Air embolism(A. 119, B. 125)
  - e) Parasites in peripheral blood film
  - f) Myeloblast (A.345-346)
  - g) Endogenous pigment(A. 40, B. 36)
  - h) Pap stain (A.277)
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