

5138(AN)

B.D.S. Supply. & Main Examination,

May-2018

**GENERAL PATHOLOGY AND
MICROBIOLOGY**

[BDS-04(N)]

Time : Three Hours]

[Maximum Marks : 70

Note : Answer all questions. Illustrate your answer with suitable diagrams. Use separate copy for **Part-A** and **Part-B**.

Part-A

1. What is granulomatous inflammation ? Enumerate some granulomatous diseases. 7
2. Define and describe paraneoplastic syndromes. 7
3. Differentiate between : 3×4=12
 - (a) Reversible injury and Irreversible Injury.
 - (b) Dystrophic and metastatic calcification
 - (c) Antemortem and Post-mortem clot
 - (d) Type-I and Type-II Diabetes mellitus.

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4. Write short notes on any 3 : 3×3=9
- (a) Classification of Hodgkin's Lymphoma
 - (b) Peripheral Blood Picture of Iron deficiency anemia
 - (c) Cellular events involved in acute inflammation.
 - (d) Cell and tissue regeneration.

Part-B

Microbiology

5. Define complement system. Discuss alternate pathway of complement in detail. 10
6. Describe in detail about : 5×2
- (a) Hot air oven
 - (b) Conjugation
7. Write briefly about (any *three*) 5×3=15
- (a) Oral lesions of Syphilis
 - (b) Inclusion bodies
 - (c) Oral thrush
 - (d) Intestinal amoebiasis.