



**AAO-4601**

Seat No. \_\_\_\_\_

**Second Year B. H. M. S. Examination**

**April/May - 2016**

**Pathology, Bacteriology & Parasitology**

Time : 2½ Hours]

[Total Marks : 100

Instructions :

- (1) Figures to the right indicate full marks.
- (2) Answer each section in separate answer book.

**SECTION - I**

1 Explain etiopathogenesis and pathology of M.I. in detail. 15

OR

1 Define Neoplasia. Give differences between Benign and Malignant Tumors. Explain different routes of metastasis of Malignant Tumor.

2 Answer any two : 15

- (a) Explain Miasmatic evolution of Hypertension.
- (b) Define Peptic Ulcer. Give differences between Gastric and Deudenal ulcers in detail.
- (c) Define Emboli. Briefly explain the types of emboli and explain Pulmonary Embolism in detail.

3 Short notes : (any four) 20

- (a) Lobar Pneumonia
- (b) Primary T.B.
- (c) Megaloblastic anaemia
- (d) Fatty Liver
- (e) Bronchial Asthma.

SECTION - II

- 1 Explain morphology, life cycle, pathogenecity and lab diagnosis of P. Vivex. 15

OR

- 1 Define and classify immunity in detail. Explain the differences between Acquired and Innate Immunity.
- 2 Write notes on any two : 15
- (a) Define Sterilization, mention its types in brief. Describe different methods of sterilization by DRY HEAT in detail.
  - (b) Life cycle and pathogenecity of L. Donovanii.
  - (c) Life cycle and pathogenecity of W. Bancrofti.
- 3 Short notes : (any four) 20
- (a) Staining methods
  - (b) Microscopic examination of Urine
  - (c) Negri Bodies
  - (d) Spore
  - (e) Sleeping Sickness.