

**M. Sc. (Medical Biotechnology) Sem-III (Choice Based Credit System)
: SUMMER - 2019**

SUBJECT: NON COMMUNICABLE DISEASES

Day: Tuesday
Date: 09/04/2019

S-2019-1508

Time: 02.00 PM TO 05.00 PM
Max. Marks: 60

N.B:

- 1) **Q. No. 1 and Q. No. 5 are COMPULSORY.** Answer **ANY TWO** from Questions 2, 3 and 4 from 6, 7 and 8.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Answers to both the sections should be written in **SAME** answer book.

SECTION-I

- Q.1** Answer **ANY FIVE** of the following: (10)
- a) Give clinical features of rheumatic heart disease.
 - b) Mention risk factors atherosclerosis.
 - c) What are the consequences of obesity?
 - d) Mention types of hypertension.
 - e) What are the causes of Alzheimer disease?
 - f) Mention etiology of bronchial asthma.
- Q.2** Answer the following: (10)
- a) Which are the complications of atherosclerosis?
 - b) Describe the prevention and control of hypertension.
- Q.3** Explain the following: (10)
- a) Mention clinical features of diabetes mellitus.
 - b) Describe etiopathogenesis of obesity.
- Q.4** Write short notes on **ANY TWO** of the following: (10)
- a) Etiopathogenesis and clinical features of bronchial asthma
 - b) Clinical features of Alzheimer's disease
 - c) Etiopathogenesis of rheumatic fever

SECTION-II

- Q.5** Answer the following questions: (10)
- a) Laboratory diagnosis of Neoplasia.
 - b) Complications of chronic rheumatic disease.
- Q.6** Answer **ANY TWO** of the following questions: (10)
- a) Prevention and control of Diabetes mellitus.
 - b) Morphological changes in chronic rheumatic heart disease.
 - c) Oncogenes.
- Q.7** Answer the following: (10)
- a) Give epidemiology and classification of Diabetes mellitus.
 - b) What are the differences between benign and malignant neoplasm?
- Q.8** Attempt **ANY ONE** of the following: (10)
- a) Discuss about molecular basis of neoplasia.
 - b) Discuss clinical features and laboratory diagnosis of Diabetes mellitus.

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