

**M. Sc. (Medical Biotechnology) Sem-III (Choice Based Credit System)
: WINTER - 2018**

SUBJECT: NON COMMUNICABLE DISEASES

Day: Thursday
Date: 25/10/2018

W-2018-1299

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 **SEPARATE** answer book.

SECTION-I

- Q.1** Answer **ANY FIVE** of the following: **(10)**
- a) Mention risk factors for ischemic heart disease.
 - b) Define and classify hypertension.
 - c) Give clinical features of myocardial infarction.
 - d) Mention epidemiology and risk factors for mental disorder.
 - e) Mention morphological changes in bronchial asthma.
 - f) What are oncogenes?
- Q.2** Answer the following: **(10)**
- a) Describe etiopathogenesis of myocardial infarction.
 - b) Prevention and control of Hypertension.
- Q.3** Explain the following: **(10)**
- a) Complications of atherosclerosis.
 - b) Classification and etiology of bronchial asthma.
- Q.4** Write short notes on **ANY TWO** of the following: **(10)**
- a) Definition and consequences of obesity
 - b) Mention etiopathogenesis of Rheumatic fever
 - c) Mention types and laboratory diagnosis of myocardial infarction

SECTION-II

- Q.5** Answer the following questions: **(10)**
- a) Describe molecular basis of neoplasia.
 - b) Etiopathogenesis and classification of diabetes mellitus.
- Q.6** Answer **ANY TWO** of the following questions: **(10)**
- a) Complications of chronic rheumatic disease.
 - b) Clinical features and morphology of neoplasia.
 - c) Clinical features of Alzheimer disease.
- Q.7** Answer the following: **(10)**
- a) Epidemiology and prevention and control of Diabetes mellitus.
 - b) Morphological changes in chronic rheumatic heart diseases.
- Q.8** Attempt **ANY ONE** of the following: **(10)**
- a) Discuss acute and chronic complications of Diabetes mellitus and their pathogenesis.
 - b) Discuss laboratory diagnosis and newer methods of diagnosis in Neoplasia.

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