

2020

FOOD AND NUTRITION (Honours)

Paper Code : XII - A & B

(Public Health & Epidemiology)

(New Syllabus)

Full Marks : 50

Time : Two Hours

**Important Instructions  
for Multiple Choice Question (MCQ)**

- Write Subject Name and Code, Registration number, Session and Roll number in the space provided on the Answer Script.

**Example** : Such as for Paper III-A (MCQ) and III-B (Descriptive).

Subject Code : 

III	A	&	B
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Subject Name :

- Candidates are required to attempt all questions (MCQ). Below each question, four alternatives are given [i.e. (A), (B), (C), (D)]. Only one of these alternatives is 'CORRECT' answer. The candidate has to write the Correct Alternative [i.e. (A)/(B)/(C)/(D)] against each Question No. in the Answer Script.

**Example** — If alternative A of 1 is correct, then write :

1. — A

- There is no negative marking for wrong answer.

### মাল্টিপল চয়েস প্রশ্নের (MCQ) জন্য জরুরী নির্দেশাবলী

- উত্তরপত্রে নির্দেশিত স্থানে বিষয়ের (Subject) নাম এবং কোড, রেজিস্ট্রেশন নম্বর, সেশন এবং রোল নম্বর লিখতে হবে।

উদাহরণ — যেমন Paper III-A (MCQ) এবং III-B (Descriptive)।

Subject Code : III A & B

Subject Name :

- পরীক্ষার্থীদের সবগুলি প্রশ্নের (MCQ) উত্তর দিতে হবে। প্রতিটি প্রশ্নে চারটি করে সম্ভাব্য উত্তর, যথাক্রমে (A), (B), (C) এবং (D) করে দেওয়া আছে। পরীক্ষার্থীকে তার উত্তরের স্বপক্ষে (A) / (B) / (C) / (D) সঠিক বিকল্পটিকে প্রশ্ন নম্বর উল্লেখসহ উত্তরপত্রে লিখতে হবে।

উদাহরণ — যদি 1 নম্বর প্রশ্নের সঠিক উত্তর A হয় তবে লিখতে হবে :

1. — A

- ভুল উত্তরের জন্য কোন নেগেটিভ মার্কিং নেই।

Turn Over

## Paper Code : XII - A

Full Marks : 14

Time : Twenty Minutes

Choose the correct answer.  
Each question carries 1 mark.

### **Instruction to students for Page Limitation**

For all MCQs, students should answer within 1 page of an A4 paper; for each four marks (04) question : Max. 1 page of an A4 paper (including figure / diagram, if any) and for 10 marks (10) question : Max. 2½ page of an A4 paper (including figure / diagram, if any), should be used.

1. The predominant cause of mental illness in prehistoric cultures is suggested to be —
  - (A) Poor diet
  - (B) Demonic possession
  - (C) Chronic disease
  - (D) Lack of access to psychological services
2. Misinterpretation of perceptions or experiences in Schizophrenia is known as —
  - (A) Hallucinations
  - (B) Misperceptions
  - (C) Delusions
  - (D) Avolition
3. Osteomalacia refers to as —
  - (A) Softening of bones
  - (B) Stiffening of muscles
  - (C) Decaying of bones
  - (D) Softening of muscles
4. A type of cardiac disease is —
  - (A) Nephritis
  - (B) COPD
  - (C) Cardiomyopathy
  - (D) Hepatitis

*Turn Over*

5. A pandemic disease is —
- (A) Measles
  - (B) Plague
  - (C) Chicken pox
  - (D) Influenza
6. Descriptive epidemiology aims to describe —
- (A) The distribution of disease
  - (B) The distribution of virus
  - (C) The distribution of vaccine
  - (D) The distribution of incidence
7. Among the following traits, which plays the greatest role in the potential for obesity?
- (A) Gender
  - (B) Heredity
  - (C) Lifestyle
  - (D) Age
8. Who is the primary host of malaria parasite?
- (A) Man
  - (B) Rat
  - (C) Anopheles
  - (D) None of the above
9. Obesity is responsible for which of the following diseases?
- (A) Type 2 diabetes
  - (B) Fatty liver
  - (C) Heart disease
  - (D) All of the above
10. The compound used in anti-malarial drug is —
- (A) Chloroquine
  - (B) Aspirin
  - (C) Neoprene
  - (D) Isoprene

*Turn Over*

11. Optimal body fat for health and fitness for men is —
- (A) 5-10%.
  - (B) Greater than 40%
  - (C) 10-25%.
  - (D) 25-35%.
12. Which of the following is NOT a symptom of cholera?
- (A) High blood pressure
  - (B) Fast heart rate
  - (C) Dehydration
  - (D) Severe diarrhea
13. Socio economic factor that affects health the most is —
- (A) Environment
  - (B) Heredity
  - (C) Poverty
  - (D) None of the above
14. A non-communicable disease is —
- (A) Ebola
  - (B) Cystic fibrosis
  - (C) Hepatitis
  - (D) Measles
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*Turn Over*

2020

FOOD AND NUTRITION (Honours)

Paper Code : XII - B

(Public Health & Epidemiology)

(New Syllabus)

Full Marks : 36

Time : One Hour Forty Minutes

*The figures in the margin indicate full marks.*

1. Answer any *four* of the following : 4×4=16
  - (a) State the preventive measures of malaria? 4
  - (b) What is Schizophrenia? State two symptoms of it? 2+2=4
  - (c) What are the symptoms of asthma and how you can control the asthmatic patients? 1+3=4
  - (d) Differentiate between endemic and pandemic? 4
  - (e) Describe the role of Government and NGOs in combating 'Street and homeless children' problem in India. 4
  - (f) Name two viral infections and their risk factors. 2+2=4
  - (g) Mention the life style risk factors that affect the health. 4
  
2. Answer any *two* of the following : 10×2=20
  - (a) Define mental health. Briefly discuss on the various types of mental disorder? 2+8=10
  - (b) Mention the descriptive and experimental methods of epidemiological studies. 5+5
  - (c) What is osteomalacia? Briefly describe the various risk factors of osteomalacia. Why the number of cancer patients is increasing at an alarming rate throughout the world? 1+4+5=10
  - (d) Mention how the social taboos and blind faiths affect the health of rural India. Write a short note on community immunization programme. 5+5=10