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 |

  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।

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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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

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