

2021

BMLT

(B.Sc. First Semester End Examination-2021)

PAPER-III

[Environment and Health]

Full Marks: 40

Time: 02 Hrs

*The figures in the right hand margin indicate marks
Candidates are required to give their answers in their own words as
far as practicable
Illustrate the answers wherever necessary*

Group-A

- 1. Answer any five questions of the following: 5x2=10**
- a. Contain time is required for the transmitting the infectious agent from one person to another healthy person this time is called -----.
 - b. How do you prevent travelerdiarrhea?
 - c. How many types of Hepatitis are present in environment?
Differences between genome of Hepatitis D and Hepatitis B.
 - d. What are the means of hazard and risk?
 - e. What are the possible hazard of Noise in Occupational field.

1+1

1+1

2

(2)

- f. Mention the names and clinical features in the stress condition of heat? 2
- g. What is Frostbite and mention the remedies? 1+1
- h. Define window period of HIV? 2
- i. Write down the names of any two agents that causes 'Chemical food poisoning'? 2
- j. Mention the terms; contamination, epidemic, endemic, pandemic. $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$

Group-B

2. Answer any four questions of the following: 5x4 = 20

- a) How diabetes mellitus is develop in our body? Mention the possible complication of type 2 diabetes. 3+2
- b) Mention the symptoms of typhoid disease and how it will diagnose in the treatment of this disease which anti biotics are mostly use? 2+1+2
- c) Write a short note any two
1. Gout
 2. Asthma
 3. CVD
 4. Fluoride poisoning $2\frac{1}{2} + 2\frac{1}{2}$
- d) Mention the possible health disorder due to mismanaged excreta disposal system. What is green toilet? 3+2

(3)

- e) Describe in details the types of ventilation? What are natural ventilation and hybrid or mixed-mode ventilation? 3+2
- f) Explain the statement " Better light for better quality of life"? 5
- g) What is silicosis and mention the symptoms What are risk factors of silicosis? How its diagnosed? 2+1+2
- h) What are the three successive stages of malaria. How will you control malaria disease? Mention the species that causes malaria 3+1+1

Group -C

3. Answer any one question of the following: 1x10=10

- a) Write the advantages and disadvantages of different types of ventilation system for hospitals? How do you prevent occupational disease? What is asphyxiants? 4+4+2
- b) What are micro and microenvironment? What are causes of air pollution and how its effects human health? What is radiation pollution mention their types and sources? 2+(2+2)+2+(1+1)
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