



JBC-010-1041006 Seat No. _____

First Year B. H. T. M. (Sem. I) (CBCS) Examination

December - 2019

1.6 : Hygiene and Sanitation
(New Course)

Faculty Code : 010

Subject Code : 1041006

Time : 3 Hours]

[Total Marks : 70

- Instructions :** (1) The maximum marks is 70
(2) Question 1 & 2 are compulsory.
(3) Attempt any three questions from Q. 3 to Q. 7

1 Fill in the blanks : **14×1=14**

- (a) 3 separate buckets, containing a wash, rinse, & sanitizing solution is method of _____
- (b) Tuberculosis is a disease caused by _____
- (c) _____ diseases are caused by drinking contaminated or dirty water.
- (d) Conditions and practices that help to maintain health and prevent the spread of disease is called _____
- (e) _____ means to make something less pure or make it poisonous.
- (f) _____ live in water, damp soil, and rocks and produce oxygen and carbohydrates used by other organisms.
- (g) _____ are non-cellular entities that consist of a nucleic acid core (DNA or RNA) surrounded by a protein coat.

- (h) Sleeping sickness is a disease caused by _____
- (i) _____ are the routine operations carried out on a day to day basis by the staff
- (j) _____ is the science of maintaining atmospheric condition which are comfortable and helpful to the human body.
- (k) _____ is wastewater from human washing and bathing, kitchen sinks, clothes washing
- (l) Pesticide, additive preservatives are the examples of _____ hazard
- (m) _____ is the removal of matter from a surface on which it is not acceptable
- (n) _____ is an identifiable point in the production chain where a hazard may occur.

2 Do as directed : 8+6=14

(A) Write short notes on any two from the 2×4=8
following in 150 words :

- (i) Cycle of chain of infection
- (ii) Differentiate between cleaning, sanitation and hygiene with suitable examples
- (iii) Importance of good personal hygiene among the staff
- (iv) Bacteria, its uses, and the harmful diseases caused by bacteria

(B) Write short notes on any two from the 3×2=6
following in 100 words :

- (i) Solid waste
- (ii) Ventilation and its uses in the work place
- (iii) Hazard in HACCP
- (iv) Proper waste disposal

- 3 List and explain eight essential habits which should be observed for being healthy and physically fit. 14
- 4 Explain the two beneficial effects and two harmful effects of the following : 14
- (a) Bacteria
 - (b) Yeast
 - (c) Moulds
- 5 How does a good personal appearance can help both the employee and the establishment? 14
- 6 Explain the seven HACCP principles. 14
- 7 Define micro organisms? Classify and explain the types of micro-organisms. 14
