

Bankura University
ACTIVITY CODE:1903130021

B.Sc. 6th Semester (Honours) Examination, October 2020

Subject: MICROBIOLOGY

Course ID: 62211

Course Code: SH/MCB/601/C-13

Course Title: Medical Microbiology

Full Marks: 15

Time: 45 mins

The figures in the margin indicate full marks

Answer all the questions.

UNIT I

1. Answer five of the following questions: 1x5=5

- a) What is the causal organism of Athlete's foot?
- b) What is ORS?
- c) Define infection.
- d) Name common microflora of moist region of skin.?
- e) Name one antifungal agent produce by a fungus.
- f) Write down the causal organism of Kala azar and its vector.
- g) How *Salmonella typhi* is transmitted?
- h) What do you mean by HIV ?

UNIT II

2. Answer any two of the following questions: 5x3=15

- a) What is the causal organism of Histoplasmosis? Write a short account on symptom of this disease. 1+4=5
- b) Write a short note on symptom and control measure of Japanese Encephalitis. 2+3=5
- c) Mention one virulent strain of *Vibrio cholerae*. How can you diagnose cholera? How pathogen of cholera is transmitted? 1+2+2=5
- d) Distinguish between any two pairs of the following: 2.5x2=5
 - (i) Pathogen carriers Vs reservoir
 - (ii) Opportunistic infection Vs Nosocomial infection
 - (iii) Endemic disease Vs Pandemic disease.
 - iv) Pathogen Vs pathogenicity.
- e) Write down the morphological and biochemical characteristics of *E. coli* =5