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| **University of Kerala** | | |
| **Discipline: BIOCHEMISTRY** |  | **Time: 1 Hour 30 Minutes (90 Mins.)** |
| **Course Code:UK1MDCBCH100** |  | **Total Marks: 42** |
| **Course Title: Biochemistry of contagious diseases: current scenario** |  |  |
| **Type of Course: MDC** |  |  |
| **Semester: 1** |  |  |
| **Academic Level: 100-199** |  |  |
| **Total Credit: 3, Theory: 3 Credit, Practical: 0 Credit** |  |  |

**Part A. 6 Marks**. Time: 5 Minutes

Objective Type. 1 Mark Each. Answer All Questions

(Cognitive Level: Remember/Understand)

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| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome (CO)** |
| 1. | Predict if corona virus can be transmitted from person to person. | Remember | CO1 |
| 2. | Tuberculosis generally affects---------------- | Remember | CO2 |
| 3. | Plasmodium is a ------------ that causes malaria. | Understand | CO1 |
| 4. | Mention one major form of hepatitis. | Remember | CO1 |
| 5. | Identify the other name of pin worm. | Understand | CO1 |
| 6. | How is candidiasis in mouth characterized? | Understand | CO2 |

**Part B. 8 Marks**. Time: 24 Minutes

Short Answer. 2 Marks Each. Answer All Questions

(Cognitive Level: Understand/Apply)

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| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome (CO)** |
| 7. | Cite the symptoms of typhoid fever? | Understand | CO2 |
| 8. | Describe dermatophytosis? | Understand | CO1 |
| 9. | Demonstrate the role of vectors in the transmission of parasitic diseases. | Understand | CO2 |
| 10. | List out the zoonotic diseases and causative organisms. | Understand | CO1 |

**Part C. 28 Marks**. Time: 60 Minutes

Long Answer. 7 Marks Each. Answer all 4 questions, choosing among options within each question.

(Cognitive Level: Apply/Analyse/Evaluate/ Create)

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| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome (CO)** |
| 11. | A. Compare and contrast malaria and filariasis.  OR  B. Categorise various parasitic diseases based on mode of transmission. | Analyse | CO2  CO1 |
| 12. | A. Describe the cause and symptoms of candidiasis.  OR  B. Explain the cause, symptoms and mode of transmission of any one fungal disease. | Analyse | CO1  CO2 |
| 13. | A. Summarize the symptoms of chickenpox. How long is a person contagious with chickenpox?  OR  B. Explain the cause and symptoms of two zoonotic diseases. | Evaluate | CO2  CO2 |
| 14. | A. Review the causes and mode of transmission of typhoid.  OR  B. Discriminate the symptoms and mode of transmission of tuberculosis and leptospirosis. | Evaluate | CO2  CO2 |