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Course: B. Voc, Program: Medical Laboratory Technology
Subject: Medical Mycology and Virology, Code: LSH-707
Semester: VI

Time: 03 Hours**Max Marks: 35****Instructions to the Students:**

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of short answer type. All questions are compulsory. Each question carries 1 marks.
3. Section B comprises 8 long answer type questions out of which students must attempt any 5. Each question carries 5 marks.
4. Do not write anything on the question paper.

Q.No.	SECTION –A(SHORT ANSWER TYPE QUESTIONS)	Marks
1. a	A virus is mainly made up of i. Protein coat and nucleic acid ii. Protein coat and mitochondria iii. Nucleic acid, cell wall and cell membrane iv. Nucleic acid and cell membrane	(1)
b	Name of the largest virus is i. Megavirus chilensis ii. Arbo virus iii. Herpes virus iv. Mumps virus	(1)
c	Which of the following animal is most susceptible to Blastomycoses? i. Dogs ii. Pigs iii. Cats iv. Monkeys	(1)
d	Which of the following are not the criteria for the classification of virus-host interactions? i. Production of infectious progeny ii. Size of the virus iii. Signs and symptoms iv. Duration of infection	(1)
e	Define oncogenic viruses.	(1)

- f Define virology. (1)
g Define viral life cycle. (1)
h Define oncogenesis. (1)
i What are antiviral substances? (1)
j What is fungal culture test? (1)

SECTION -B (LONG ANSWER TYPE QUESTIONS)

2. What is medical mycology and its general characteristics? (5)
3. Describe the helical capsid structure of virus. (5)
4. Describe the nomenclature of different group of viruses. (5)
5. What is persistent and non-persistent transmission of viruses? (5)
6. What is an oncogenic virus and its types with example? (5)
7. Describe the method of preparation for KOH & LCB for fungus test? (5)
8. Difference between vertical and horizontal transmission of viruses. (5)
9. Explain the causes and mode of action of viral diseases. (5)

===END OF PAPER===