

Cairo University,
Faculty of Veterinary Medicine,
Distinct Program in Veterinary Drugs and Medicinal Preparations,
Department of Virology,
PHA 251 (General Virology) – Level 2 - Second Semester

??, ??, 2021.

Duration: 2 hours. Final Example Questions and exam form

- 25 Points

General instructions. Please, read the instructions carefully before proceeding.

1. **Make sure the exam sheets (3 sheets) are correctly stapled inside your official answer booklet.**
2. For Question Set [C], write your answers in the provided official answer booklet.
3. Write answers to Question Sets [A] and [B] in the provided exam sheets next to the questions.
4. For MCQ and True or False questions, partially correct answers will be considered incorrect.
5. Attempt to answer all questions.
6. Mark questions that seem difficult and reattempt to answer them after answering all other questions.
7. Use a pen.
8. The laboratory and oral exams will be held immediately after the end of the final written exam.

[Question Set A] Indicate whether each statement is True (T) or False (F) (12x0.5 = 6 Points):

1. Virus budding always occurs from the nuclear membrane. []
2. Antigen presenting cells can present self-antigens as well as foreign antigens. []
3. All types of viremias are characterized by high virus titer. []

[Questions Set B] Choose the correct answer (18x0.5 = 9 points):

1. T helper cells can activate:
A) T-helper (CD4⁺) cells B) T-cytotoxic (CD8⁺) cells.
C) A and B. D) All previous answers are incorrect.

2. The term “diploid” in virology indicates:
A) The presence of both helical and icosahedral capsids in the same virus.
B) The presence of two segments of the viral genome.
C) The presence of two genome copies in the same virus.
D) The presence of both positive and negative sense genome strands in the same virus.

[Question Set C] Write briefly on the following: (2 X 5= 10 Points)

- 1- The different steps of virus replication.

BEST WISHES

Professor Ausama Abdelraouf Abdelmoneim Yousif