QuangTri high school
Biology Department

DISCUSSION WORKSHEET
Period 65: STRUCTURE OF VIRUS

Task 2. Choose the correct word to fill in the blanked.

1. There are two differences in the processes of attachment and entry into host cells among bacteriophages, non-enveloped viruses and enveloped viruses.

+ Attachment: Non-enveloped virus by ……..; Enveloped virus by glycoprotein; Phage T4 by: tail fibers.

+ Penetration**:**

Enveloped virus: The virus enters the cell through ..……..……. between the plasma membrane and the viral envelope

Non - enveloped virus: The virus enters the cell by…… …. Then, host cell enzymes such as lysozyme …….. the capsid and release the viral genome into the cytoplasm.

Phage: The tail fibers ……..…. the enzyme lysozyme to break down the host cell wall. The tail sheath then contracts and injects the DNA into the cell, leaving the empty capsid outside.

Words:	**endocytosis**	**capsid**	**fusion**	**release**	**break down**

2. Each virus infects only one or a …..…….. number of specific species. Because their surface proteins must……..…..... specific receptors on the host cell. The host cell ..…....….. dies when new viruses are released. Antibiotics ……. kill viruses; therefore, vaccination is necessary to……..… viral diseases.

Words:	**can't**	**match**	**prevent**	**limited**	**often**

Goodluck

LIVEWORKSHEETS