



((Assessment of the final exam for the second semester))  
Academic year 2016 -2017

(Eight marks for each question)

Q1/A- Define the prion and what does it cause?

B- What is the difference between capsid and capsomeres?

C- Why is killed influenza A and B vaccine given to elderly and immunocompromised patients, while attenuated influenzaA vaccine is available for healthy adults and children?

D-Why does HDV replicate only in cell infected with HBV?

Q2/A- Give the viral attachment molecule and target cell type for the following?

1- Retroviridae 2- Rhabdoviridae 3- Orthomyxoviridae 4- Herpesviridae

B- Why are the anti-viral drugs used very few and what are the properties of the anti-viral drugs?

Q3/ A-Define the cytopathic effect and give the common types?

B- Which virus does contain diploid genome? Clssify it & give the most important properties.

Q4/A- Describe the pathogenesis of the following viruses? (Two only)

1- Influenza virus 2-HHV-6 & HHV-7 3-EBV

B- How can you diagnosis Hepatitis-B virus in the laboratory?

Q5/A- Give the general properties of herpes viruses family and what are the diseases caused by Herpes simplex virus type-1?

B-Explain the role of antibody (Ab) in defends of the body against the viral infection?

11.5

جامعة المثنى