

**KING SAUD UNIVERSITY
COLLEGE OF MEDICINE
DEPARTMENT OF PATHOLOGY
SAMPLE - PRACTICAL EXAMINATION (COURSE MAC221)**

Virology:

Q-1 This is an electron micrograph for a virus

a) Name the virus, and describes its structure

b) Name one disease caused by this virus.

Q-2 This is an electron micrograph for a virus

a) Name the virus, and the family, it belongs to:

b) Name one disease caused by this virus.

Q-3 This is an electron micrograph for a virus

a) Name the virus, and describes its structure

b) Name one disease caused by this virus.

Q-4 a) Name the egg inoculation route

b) Give one example.

Q-5 a) Name the egg inoculation route

b) Give one example.

Q-6 a) Describe the following Cytopathic effect?

b) Name a virus causing this type of CPE

Q-7 a) Describe the Cytopathic effect shown?

b) Name a virus causing this type of CPE.

Q-8 This is a hemagglutination inhibition test for three patients, interpret the results.

<u>Patient</u>	<u>Acute Ab titre</u>	<u>Convalescent Ab titre</u>	<u>Ratio</u>	<u>Interpretation</u>
1	_____	_____	_____	_____
2	_____	_____	_____	_____
3	_____	_____	_____	_____

Q-9 This a RPHA test for two patients, interpret these results

<u>Patient</u>	<u>Interpretation</u>
1	_____
2	_____