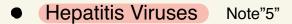
# Past papers virology

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**1**-Which one of the following hepatic diseases is caused by a DNA virus and can be prevented by vaccination with viral surface antigen that provides protective immunity in the majority of immunized individuals?

a. Hepatitis E.

b. Hepatitis A.

c. Hepatitis D.

d. Hepatitis B.

2-Which one of the following combinations regarding viral hepatitis routes of transmission is false?

- a. Hepatitis A virus: consumption of contaminated shellfish.
- b. Hepatitis E virus: blood transfusion.
- c. Hepatitis C virus: injection drug use.

d. Hepatitis B virus: vertical transmission. e. Hepatitis B virus: sexual transmission.

3-Direct Acting Antiviral drug use in treatment of?

ANSWER: Hepatitis C

4-Which of the following is incorrect about hepatitis Viruses transmission?

a-Not all types have the same mode of transmission

b-HepA is transmitted Feco-orally

c-HepE is transmitted through blood

d-HepD has the same mode of transmission as HepB

hep D same B ,except for sexual " بالنوتس مكتوب " transmission

5-The currently available vaccine to prevent hepatitis A infection is:

a.Live-attenuated vaccine

- b. Toxoid vaccine
- c. MRNA vaccine
- d. Subunit vaccine
- e. Inactivated vaccine

6-Which one of the following is considered a defective virus?

- a- HDV
- b- HBV
- c- HCV
- d- HAV
- e- HEV

7-Which one of the following viruses is NOT transmitted via the sexual route?

- a. Human immunodeficiency virus type 1 (HIV-1).
- b. Hepatitis B virus (HBV).
- c. Hepatitis C virus (HCV).
- d. Hepatitis E virus (HEV)
- e. Human T-cell lymphotropic virus type 1 (HTLV-1).

1	D
2	В
4	С
5	Е
6	А
7	D

#### Picornaviruses Note"6"

**1**-An 18-year-old man presented to the emergency department with a progressively worsening headache, photophobia, fever and vomiting. He was diagnosed with aseptic meningitis. The most likely causative agent of the previous case belongs to the family:

a. Retroviridae.

- b. Filoviridae.
- c Paramyxoviridae.
- d. Picornaviridae.

2-Rhinovirus is:

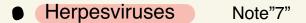
Answer: +ssRNA virus non-enveloped

3-The most common cause of aseptic meningitis is:

Answer: Picornaviridae

4-Which of the following viruses cause aseptic meningitis?

ANSWER: Coxsackievirus.



1-The clinical disease that is not related to herpes simplex virus type 1 infection is:

- a. Postherpetic neuralgia.
- b. Pharyngitis.
- C. Mononucleosis.
- d. Cold sores.
- e. Gingivostomatitis

2-Which one of the following statements is TRUE regarding chickenpox?

- a-Diagnosis can be achieved based on the symptoms and signs solely.
- b-The disease exclusively affects children
- c-Asymptomatic disease is common
- d-The disease is rarely contagious
- e-Treatment is mandatory

3-Which of the following is true about chickenpox?

a-It needs no treatment in normal children

- b-It is caused by HHV-8
- c-It is extremely likely to get chickenpox twice in your life
- d-lt's not contagious at all

1	а
2	а
3	а

## Herpesviruses Note"8"

**1**-CD21 is the cellular receptor for:

- a. Human immunodeficiency virus type 1 (HIV-1).
- b. Epstein-Barr virus.
- c. Kaposi's sarcoma herpesvirus.
- d. Parvovirus B19.
- e. Hepatitis B virus (HBV).

**2**-A british woman is diagnosed with a benign infection caused by EBV. Which of the following treatments can be used?

a-Antivirals b-Vaccine c-Supportive treatment d-Radiotherapy

3-The most common cause of congenital abnormalities is:

a-CMV b-Rubella c-Toxoplasma d-HSV

4-exanthema subitum is also called the:

a-Sixth disease b-Forth disease c-Second disease d-Fifth disease

5-A common cause of nasopharyngeal carcinoma is:

a-JC virus b-EBV c-Variola virus d-Adenovirus11

1	b
2	С
3	а
4	a
5	b

## Other DNA viruses Note "9"

Erethyma infectiosum is also called the:
 a-Sixth disease b-Forth diseas. c-Second disease. d-Fifth disease

2-The polyomavirus JC is the causative agent of:

- a. Molluscum contagiosum.
- b. Hemorrhagic cystitis.
- C. Merkel cell carcinoma (MCC).
- d. Progressive multifocal leukoencephalopathy (PML).
- e. Erythema infectiosum (fifth disease)

**3**-one of the following is cause of cervical cancer : a. HPV-32. b. HPV-16. C. HPV-11. d. HPV-6. e. HPV-13.

4-Which of the following viruses cause cancer? ANSWER: Markel cell polyomavirus

5-Which of the following sentences wrong? ANSWER: BK viruses consider an oncoviruses.

6-The main reason behind the eradication of smallpox virus is? ANSWER: Because the smallpox virus is an antigenically stable

7-Which of the following is not an onco-virus?
a-Parvovirus B19
b-Merkel cell polyoma virus
c-Human T-lymphotropic virus
d-Kaposi's Sarcoma Herpes virus

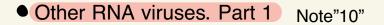
8-All of the following helped in eradication of smallpox except:
a-The availability of a live-attenuated vaccine b-The absence of animal reservoirs
c-The absence of asymptomatic carriers d-The antigenic instability of variola virus

9-The oncovirus that can be prevented by vaccination is: a. HIV b. Hepatitis E virus c. Hepatitis A virus d. Hepatitis C virus e. Human papillomavirus 1

10-The quadrivalent HPV (human papillomavirus) vaccine contains the following types: a- HPV6, HPV11, HPV16, HPV 18. b- HPV1, HPV2, HPV5, HPV8. c- HPV1, HPV5, HPV16, HPV18. d- HPV6, HPV11, HPV31, HPV33. - HPV16, HPV18, HPV31, HPV33.

11-The most common sexually transmitted infection (STI) worldwide is due to: a-HPV(human papillomavirus). b-HBV. c- HIV d- Candida albicans e- Adenovirus

6	· 1	d
	2	d
	3	b
	7	а
	8	d
	9	е
	10	а
	11	а



**1**-The antiviral medication that is used to treat and prevent influenza A and influenza B is:

- a. Ribavirin.
- b. Amantadine.
- c. Tenofovir.
- d. Oseltamivir.
- e. Sofosbuvir.

2-Which of the following viruses replicate in the cytoplasm?

Answer: Coronaviridae

3-The methods that is used for definitive diagnosis of influenza is:

- a. ELISA
- b. Flow Cytometry
- c. Radioimmunoassay
- d. Antigen testing
- e. PCR.
- f.d+e
- 4- In coronavirus infection, the highest mortality rate is seen in:
- a- Middle East respiratory syndrome (MERS).
- b- COVID-19
- c- NL63 infection
- d- OC43 infection
- e- Severe acute respiratory syndrome (SARS)

5-Which one of the following statements regarding influenza is TRUE?

- a. Type C is associated with pneumonia.
- b. It is restricted to the upper respiratory tract.
- c. Pandemics occur due to antigenic shift.
- d. Type A is restricted to human.

6-The best way to prevent H1N1 influenza infection is: Answer: Hand washing and vaccination.

1	d
3	f
4	а
5	С

#### • Other RNA viruses. Part 2 Note"11"

**1**-Which of the following vaccines should not be administered to severely immunocompromised patients?

- a. Hepatitis B Vaccine
- b. Influenza Vaccine.
- C. Measles-Mumps-Rubella (MMR) Vaccine.
- d. Meningococcal Vaccine. e, Pneumococcal Vaccine.

<MMR vaccine is live attenuated

2-Which one of these viruses cause bronchiolitis in infant?

ANSWER: Respiratory syncytial virus.

3-The most common cause of viral lower respiratory tract infection in infants is:

- a- Respiratory syncytial virus (RSV).
- b- Human metapnuemovirus
- c- Human parainfluenza virus (HPIV)
- d- Influenza type C virus
- e- Rhnivirus

4-Deafness, cataract, and congenital heart disease is the classic triad for:

- a- Congenital rubella syndrome
- b- Chikungunya fever
- c- Neonatal hepatitis B
- d- Neonatal hepatitis C
- e- Erythema infectiosum

5-Which of the following is a main cause of orchitis in males?

Answer: Mumps

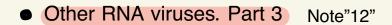
6-The presence of Koplik spot consider an indicator for one of these infections?

ANSWER: Measles.

7-One of these viruses is a co'mmon virus in causing gastroenteritis in infant?

ANSWER: Rota virus.

1	С
3	а
4	а



>Only Rhabdoviridae

ما لقيت سؤال باست بيبر على هاد الموضوع ,هاد سؤال سريع من النوتس

The multiplication of rabies virus is happen in:

Ancwer : muscle or connective tissue



