



Past papers virology

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● Hepatitis Viruses Note"5"

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

بالنوتس مكتوب " hep D same B ,except for sexual " 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	B
4	C
5	E
6	A
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	d
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● Herpesviruses

Note"7"

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-It's not contagious at all

1	a
2	a
3	a

● 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	c
3	a
4	a
5	b

● **Other DNA viruses** Note "9"

1-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 16.

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

1	d
2	d
3	b
7	a
8	d
9	e
10	a
11	a

● Other RNA viruses. Part 1 Note"10"

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	a
5	c

● 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 metapneumovirus
- c- Human parainfluenza virus (HPIV)
- d- Influenza type C virus
- e- Rhinovirus

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 common virus in causing gastroenteritis in infant?

ANSWER: Rota virus.

1	c
3	a
4	a

● Other RNA viruses. Part 3 Note"12"

>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

Good luck 🍀

