

**RESIT EXAM  
VIROLOGY-MCQs  
DR. MONA BADR**

Q 1. Regarding human immunodeficiency virus all the following statements are true **except:**

- a. The virus is characterized by the presence of reverse transcriptase enzyme.
- b. The main route of transmission is blood and sexual contact.
- c. AIDS is characterized by severe decrease of CD4+ cell
- d. Human immunodeficiency virus contains DNA genome.
- e. Virus can be transmitted vertically from mother to fetus.

Q 2. Regarding rabies virus, all the following statements are true except:

- a. The virus produces Negri bodies in the infected epithelial cells.
- b. The virus is ssRNA with negative sense.
- c. There is only one antigenic type.
- d. A human diploid cell vaccine is used for prevention of rabies.
- e. Most cases develop from the bite of rabid dog.

Q 3. The following anti-viral drugs are nucleoside analogues except one:

- a. Acyclovir
- b. Gancyclovir
- c. Zidovudine
- d. Foscarnet
- e. Lamivudine

Q 4. The following statements regarding HAV & HEV are true except one:

- a. Both are DNA viruses.
- b. Both are transmitted by the fecal oral route.
- c. Both cause acute hepatitis.
- d. Both do not cause chronic hepatitis infection.
- e. Both are diagnosed in the laboratory by detection of IgMAb.

Q 5. Regarding viral gastroenteritis all the statements is true except:

- a. Viruses causing gastroenteritis can resist the stomach acidity.
- b. Viruses causing gastroenteritis transmitted mainly by fecal oral route.
- c. Most of them don't grow in tissue culture.
- d. Vaccination is very effective to prevent viral gastroenteritis.
- e. Viral gastroenteritis is an important cause of high infant mortality in developing countries.

Q 6. Regarding cytomegalovirus all are correct except one:

- a. It is an important cause of congenital infection.
- b. It is one of the herpes family.
- c. Can cause infectious mononeucleosis like syndrome.
- d. Reactivation is important in patient with organ transplant.
- e. Heterophil antibodies can be detected in cytomegalovirus infected patient.

Q 7. The following statements about mumps are true except one:

- a. It is one of paramyxovirus.
- b. Transmitted by respiratory droplet.
- c. The incubation period is very short.
- d. Mumps virus infect only human.
- e. A live attenuated vaccine is available and is very effective.

Q 8. The following diseases associated with HSV-1 except:

- a. Gingivostomatitis.
- b. Glomerulonephritis.
- c. Meningioencephalitis.
- d. Keratoconjunctivitis.
- e. Herpetic whitlow.

Q 9. Regarding viral infection of skin and mucous membrane all the following are true except:

- a. Measles virus is para myxovirus.
- b. Measles virus causes maculopapular rash.
- c. Subacute sclerosing pan encephalitis is extremely serious and rare complication of measles virus.
- d. The great risk of congenital rubella syndrome occurs mainly in the last trimester of pregnancy.
- e. Rubella vaccine is contra indicated during pregnancy.

Q 10. Regarding viral causing vesicular rash, all the following statement are true except:

- a. Zoster is caused by reactivation of parvovirus B19.
- b. Varicella zoster virus is mainly transmitted by respiratory route.
- c. Group A coxacki virus causes hand, foot and mouth disease.
- d. Herpes zoster is usually unilateral presentation.
- e. HSV encephalitis is mostly caused by HSV-1.

Q 11. Which of the following statements concerning influenza is not correct?

- a. It is an orthomyxovirus with segmented RNA.
- b. There are 3 types A, B, C.
- c. Influenza A virus can infect both human and animal.
- d. Antigenic shift and antigenic drift is an important character of all 3 types of influenza virus.
- e. The main symptoms of influenza are fever, malaria and severe myolgia and dry cough.

Q 12. 3 months old infant developed a respiratory illness that diagnosed as bronchiolitis, the most likely cause of disease is:

- a. Rhinovirus.
- b. Respiratory syncytial virus.
- c. Influenza virus.
- d. Adenovirus.
- e. Measles virus.

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**KEY**

**Q 1. D**

**Q 2. A**

**Q 3. D**

**Q 4. A**

**Q 5. D**

**Q 6. E**

**Q 7. C**

**Q 8. B**

**Q 9. D**

**Q 10. A**

**Q 11. D**

**Q 12. B**