

1. Consider the following statements regarding the Blood Plasma:
  - a) The Convalescent plasma therapy uses blood from people who've recovered from an infection.
  - b) Plasma makes up more than half of the Blood content.
 Which of the statements given above is/are correct?
  - a) 1 only
  - b) 2 only
  - c) Both 1 and 2**
  - d) Neither 1 nor 2
2. Consider the following statements regarding Hepatitis C:
  1. It is a major cause of liver cancer.
  2. It can spread through exposure to blood from infected person.
 Which of the statements given above is/are correct?
  - a) 1 only
  - b) 2 only
  - c) Both 1 and 2**
  - d) Neither 1 nor 2
3. Consider the following statements regarding the National Viral Hepatitis Control Program (NVHCP):
  1. It aims to achieve country wide elimination of Hepatitis C by 2030.
  2. Its components include prevention, diagnosis as well as treatment of Hepatitis.
 Which of the statements given above is/are correct?
  - a) 1 only
  - b) 2 only
  - c) Both 1 and 2**
  - d) Neither 1 nor 2
4. Vaccine(s) is/are available for which of the following disease(s)?
  1. Hepatitis A
  2. Hepatitis B
  3. Hepatitis C
 Select the correct answer using the code given below:
  - a) 1 and 2 only**
  - b) 2 and 3 only
  - c) 1 and 3 only
  - d) All of the above
5. Consider the following statements regarding the Cat Que Virus:
  1. Domestic pigs are considered to be the primary mammalian hosts for CQV.
  2. Humans can get infected through mosquitoes carrying CQV.
 Which of the statements given above is/are correct?
  - a) 1 only
  - b) 2 only
  - c) Both 1 and 2**
  - d) Neither 1 nor 2
6. Which of the following statement correctly defines the term 'Immunogenicity'?
  - a) Ability of a foreign substance to induce cellular and humoral immune response**
  - b) Ability of the immune system to produce antibodies
  - c) Ability of a virus to bind antigen to receptors in human cells
  - d) Ability of a foreign substance to suppress the immune system of the body
7. Consider the following statements regarding Trans fats:
  1. It is a byproduct of hydrogenation that is used to turn healthy oils into solids.
  2. Trans fats raise the (high-density lipoprotein) HDL cholesterol levels in bloodstream.
 Which of the statements given above is/are correct?
  - a) 1 only**
  - b) 2 only
  - c) Both 1 and 2
  - d) Neither 1 nor 2
8. Consider the following statements regarding e-kuber.
  1. E-kuber is the core banking solution of the RBI that gives high degree of access to commercial banks to their current account with the RBI.
  2. Sovereign Gold Bonds are available for subscription at the branches of scheduled commercial banks through e-kuber system.
 Which of the above statements is/are correct?
  - a) 1 only
  - b) 2 only
  - c) Both 1 and 2**
  - d) Neither 1 nor 2
9. Consider the following statements regarding the Immunoglobulins (Ig):
  1. These are proteins made by the immune system to fight foreign antigens.
  2. Immunoglobulin G (IgG) is the most abundant type of antibody in human body.

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. **Both 1 and 2**
- d. Neither 1 nor 2

10. Consider the following statements regarding the Disease transmission:

- 1. Droplet transmission occurs when a person is in close contact (within 1 m) with someone who has respiratory symptoms.
- 2. Airborne transmission refers to situations where droplet nuclei containing microorganisms can remain suspended in air for long periods of time.

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. **Both 1 and 2**
- d. Neither 1 nor 2



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