

Direction

- 1) Where have most cases of hepatitis B virus (HBV) infection been reported?
 - a. Asia
 - b. The Middle East
 - c. Africa
 - d. All of the above
- 2) In ..., it appears that most cases are transmitted from mother to child, and they happen in young children.
 - a. countries with low socioeconomic status
 - b. good health conditions
 - c. developed countries
 - d. general
- 3) The possibility of chronic HBV infection is greater in those infected in ...
 - a. childhood
 - b. adulthood
 - c. old age
 - d. all ages
- 4) About ... of individuals with chronic HBV infection die as a consequence.
 - a. 25%
 - b. 50%
 - c. 75%
 - d. 100%
- 5) Machine learning has been used for the ... of various aspects of HBV infection.
 - a. prediction
 - b. classification
 - c. prevention
 - d. a and b
- 6) In Iran, the national HBV immunization program was launched by the Iranian Ministry of Health and Medical Education in ...
 - a. 1991
 - b. 1993
 - c. 1995
 - d. 1997
- 7) Which of the following can determine HBV infection status?
 - a. Hepatitis B surface antigen (HBsAg) and anti-hepatitis B core antibody (HBcAb)
 - b. HBsAg and hepatitis B surface antibody (HBsAb)
 - c. HBcAb and HBsAb
 - d. All of the above
- 8) How much is the coverage of the infantile HBV vaccination program in Iran?
 - a. 90%
 - b. 95%
 - c. close to 100%
 - d. none of the above
- 9) Based on the results, those who had received the full doses of HBV vaccine in accordance with the national immunization program had an ... lower chance of developing HBV infection.
 - a. about 45%
 - b. about 25%
 - c. about 65%
 - d. about 15%

- 10) Which of the following factors were shown by the results of our multivariate logistic regression model to affect HBV infection?
- a. national HBV vaccination, high-risk behaviors, and occupation
 - b. a family history of HBV infection, gender, and high-risk behaviors
 - c. national HBV vaccination, gender, and occupation
 - d. gender, education, and high-risk behaviors
- 11) In our unvaccinated group, as opposed to our vaccinated group, ... significantly increased the chance of HBV infection.
- a. occupation
 - b. a family history of HBV infection
 - c. gender
 - d. education