Global Epidemiological Geography

Epidemiology · Answer Key · 20 Questions

1. Which African country was the first to be declared malaria-free by the World Health Organization in 2024?

A) Cape Verde
B) Mauritius
C) Seychelles
D) Botswana

2. The 1918 influenza pandemic, often erroneously called the 'Spanish Flu,' saw some of its highest mortality rates in which remote island group?

A) Fiji
B) Western Samoa
C) Iceland
D) Faroe Islands

3. Which river basin is historically associated with the origin and endemic nature of Onchocerciasis (river blindness)?

A) Volta River
B) Amazon River
C) Mississippi River
D) Ganges River

4. In which city did the third cholera pandemic, which spread globally from 1852 to 1860, originate?

A) London
B) Kolkata
C) Cairo
D) Istanbul

5. Chagas disease is primarily endemic to which geographical region?

A) Southeast Asia
B) Latin America
C) Sub-Saharan Africa
D) Northern Europe

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6. The 'Black Death' (bubonic plague) of the 14th century is believed to have entered Europe through trade ports in which country?

A) Italy
B) France
C) Spain
D) Greece

7. Which country currently reports the highest number of leprosy (Hansen's disease) cases globally?

A) India
B) Brazil
C) Indonesia
D) Nigeria

8. The Ebola virus was first identified in 1976 near a river in which country?

A) Democratic Republic of the Congo
B) Sierra Leone
C) Guinea
D) Liberia

9. Which region of the world is known as the 'meningitis belt'?

A) Sub-Saharan Africa
B) Central Asia
C) The Andes
D) Southeast Asia

10. What is the primary vector for the transmission of Japanese Encephalitis in East and Southeast Asia?

A) Culex mosquitoes
B) Tsetse flies
C) Anopheles mosquitoes
D) Black flies

11. Which specific island nation successfully eliminated lymphatic filariasis as a public health problem in 2017?

A) Tonga
B) Maldives
C) Fiji
D) Vanuatu

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12. Lyme disease takes its name from a town in which U.S. state where it was first identified in 1975?

A) Connecticut
B) Maine
C) New York
D) Vermont

13. Which country is the only one in the world where wild poliovirus type 1 remains endemic as of recent reports?

A) Pakistan
B) Afghanistan
C) Nigeria
D) Somalia

14. The Middle East Respiratory Syndrome (MERS-CoV) was first identified in 2012 in which country?

A) Saudi Arabia
B) Jordan
C) United Arab Emirates
D) Qatar

15. Which South American country has the highest burden of cutaneous leishmaniasis?

A) Brazil
B) Colombia
C) Peru
D) Bolivia

16. Historical records suggest the 'Justinianic Plague' in the 6th century likely spread along trade routes originating from which region?

A) Egypt
B) Persia
C) China
D) India

17. Which country experienced the largest outbreak of Ebola in history between 2014 and 2016?

A) Sierra Leone
B) Nigeria
C) DR Congo
D) Senegal

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18. Dracunculiasis (Guinea worm disease) is currently on the verge of eradication, with cases restricted to only a few countries in which continent?

A) Africa
B) Asia
C) South America
D) Oceania

19. The Zika virus was first discovered in a forest in which country in 1947?

A) Uganda
B) Kenya
C) Tanzania
D) Nigeria

20. Which tropical disease, also known as 'breakbone fever,' is endemic in over 100 countries, primarily in the tropics?

A) Dengue fever
B) Yellow fever
C) Malaria
D) Chikungunya

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