



BIOLOGY

BOOKS - SARAS PUBLICATION

ASSESSMENT TEST-4



1. The sporozoite of the material parasite is

present in ___

A. Saliva of infected female Anophelens

mosquito

B. RBC of human suffering from malarisa

C. Spleen of infected humans

D. Gut of female Anopheles mosquito

Answer:

2. Cry toxins obtained from Bacillus thuringiens is are effective against for _____

A. Mosquitoes

B. Silkworms

C. Nematodes

D. Bollworms

Answer:

3. Identify those correct sequence of ELISA testing .

A. Detection ightarrow Read out ightarrow Coating ightarrow

Blocking

B. Read out ightarrow Coating ightarrow Detection ightarrow

Read out

 $\mathsf{C}.\mathit{Coat} \in \mathit{g}\mathsf{rarr}Block \in \mathit{g}\mathsf{rarr}Detection$

rarr`Read out

D. $Block \in g$ rarrDetectionrarr $Coat \in g$

rarr`Read out

Answer:



4. Predation and prasitism are which type of interaction ?

A. (+,+)

- B. (+,0)
- C. (-,-)
- D. (+,-)





5. Identify the wrong statement

A. Growth is litited by the carring capacity

of the environment

B. Growth pattern turn logistic when the

resource become progressively limiting

C. Population of the same or different

species in a habitat live in isolation

D. Many insects show explosive increase in

number during the rainy season

Answer:

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6. Assertion: The environmental conditions of the tropics are favourable for speciation and diversity of organisms. Reason: The climate,

seasons, temperature, humidity and photoperiod are more or less stable and congenial.

A. Both Assertion and Reason are true. Reason explain Assertion correctly B. Both Assertion and Reason are true but Reason is not the correct explana-tion of Assertion C. Assertion is true, but reason is false

D. Both Assertion and Reason are false

Answer:



7. Which is the crucial indicator of richness in an ecosystem?

A. Endemism

B. Localism

C. Adventism

D. Dandyism





8. When is ozone day celebrated?

A. 39142

B. 46023

C. 42217

D. 42614





9. As per 2017 statistics, the highest per capita

emitter of carbon dioxide in the world is

A. USA

B. China

C. Qatar

D. Saudi Arabia

Answer:





10. List the causative agent, mode of transmission and symptoms for Diphtheria and Typhoid.

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11. Give any two bioactive molecules produced

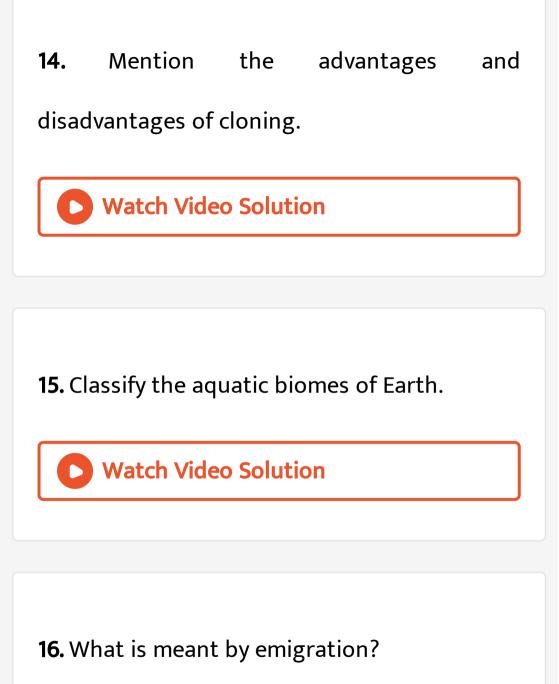
by microbes and state their uses.

12. Explain gobar gas or biogas production.

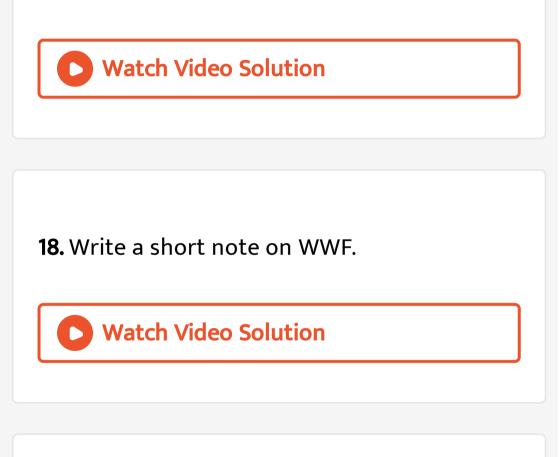


13. How was Insulin obtained before the advent of rDNA technology? What were the problems encountered?





17. What are the effects of immigration?



19. What is an endangered species?

20. What is SMOG and how it is harmful for

us?



21. What is sameer?



22. Which is referred to as biomagnification?

