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**Max Time : 2 hr** **Class = 12th Biology Test Max Marks : 45**

**Topic: Unit – 3**

**Section – A [ 1 X 12 = 12 ]**

1. Tobacco consumption is known to stimulate the secretion of adrenaline and nor-adrenaline. The component causing this could be:

|  |  |  |  |
| --- | --- | --- | --- |
| a) Nicotine | b) Tannic acid | c) Curcumin | d) Catechin |

1. Match Column I with Column II and select the correct option from the given codes:

Column I Column II

A. Sporozoites (i) Infectious form of Plasmodium

B. Filariasis (ii) Tumor cells

C. AIDS (iii) Wuchereria

D. Neo-plastic (iv) ELISA

|  |  |
| --- | --- |
| a) A-(iv) , B-(ii) , C-(i) , D-(iii) | b) A-(iii) , B-(iv) , C-(ii) , D-(i) |
| c) A-(ii) , B-(iii) , C-(i) , D-(iv) | d) A-(i) , B-(iii) , C-(iv) , D-(ii) |

1. Choose the correct statement regarding activated sludge:
2. It is formed during primary sewage treatment.
3. It possesses flocs of decomposer microbes.\
4. It does not require aeration.
5. No decomposition takes place during the formation of activated sludge
6. Every time the dosage of a drug has to be increased to achieve the same "kick" that initially occurred in response to a smaller dose, this condition is known as:

|  |  |
| --- | --- |
| a) Rebound effect | b) Withdrawal symptoms |
| c) Tolerance | d) Addiction |

1. Which of the following is widely used as a successful biofertilizer in Indian rice fields?

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| a) Rhizobium | b) Acacia arabica | c) Acalypha indica | d) Azolla Pinnata |

1. Identify the type of immunity obtained when an injection of antitoxin in tetanus is given:

|  |  |  |  |
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| a) Active immunity | b) Humoral immunity | c) Passive immunity | d) All of these |

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| a) | b) | c) | d) |

|  |  |
| --- | --- |
| a) | b) |
| c) | d) |



















 

