

PYQSide

NEET MICROBES IN HUMAN WELFARE — MICROBES AS BIOCONTROL AGENTS — PYQS

Max. Marks: 36

Questions: 9

Section A (MCQ)

Q.1 Select the correct group of biocontrol agents.

[NEET (UG) 2019]

- (1) *Oscillatoria*, *Rhizobium*, *Trichoderma*
- (2) *Nostoc*, *Azospirillum*, *Nucleopolyhedrovirus*
- (3) *Bacillus thuringiensis*, Tobacco mosaic virus, Aphids
- (4) *Trichoderma*, *Baculovirus*, *Bacillus thuringiensis*

Scan or tap for the full solution



Q.2 Which of the following can be used as a biocontrol agent in the treatment of plant disease?

[NEET (UG) 2019]

- (1) *Anabaena* (2) *Lactobacillus*
- (3) *Trichoderma* (4) *Chlorella*

Scan or tap for the full solution



Q.3 Microbe used for biocontrol of pest butterfly caterpillars is :

[NEET 2013 (Karnataka)]

- (1) *Streptococcus* sp.
- (2) *Trichoderma* sp.
- (3) *Saccharomyces cerevisiae*
- (4) *Bacillus thuringiensis*

Scan or tap for the full solution



Q.4 Which one of the following is an example of carrying out biological control of pests/diseases using microbes?

[AIPMT 2012 (Prelims)]

- (1) *Trichoderma* sp. against certain plant pathogens
- (2) Ladybird beetle against aphids in mustard
- (3) Nucleopolyhedrovirus against white rust in *Brassica*
- (4) Bt-cotton to increase cotton yield

Scan or tap for the full solution



Q.5 A common biocontrol agent for the control of plant diseases is –

[AIPMT 2010 (Prelims)]

- (1) *Bacillus thuringiensis* (2) *Trichoderma*
- (3) *Glomus* (4) *Baculovirus*

Scan or tap for the full solution



Q.6 Which of the following is not used as a biopesticide?

[AIPMT 2009]

- (1) *Bacillus thuringiensis*
- (2) *Trichoderma harzianum*
- (3) Nuclear Polyhedrosis Virus (NPV)
- (4) *Xanthomonas campestris*

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Q.7 The bacterium *Bacillus thuringiensis* is widely used in contemporary biology as –

[AIPMT 2009]

- (1) Indicator of water pollution
- (2) Agent for production of dairy products
- (3) Source of industrial enzyme
- (4) Insecticide

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Q.8 *Trichoderma harzianum* has proved a useful microorganism for:

[AIPMT 2008]

- (1) biological control of soil-borne plant pathogens
- (2) reclamation of wastelands
- (3) gene transfer in higher plants
- (4) bioremediation of contaminated soils

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Q.9 Which one of the following proved effective for biological control of nematodal disease in plants?

[AIPMT 2008]

- (1) *Pisolithus tinctorius*
- (2) *Paecilomyces lilacinus*
- (3) *Pseudomonas cepacia*
- (4) *Glomus virens*

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9		
Ans.	4	3	4	1	2	4	4	1	2		