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

Max. Marks: 36 **Questions:** 9

Section A (MCQ) — 9 questions

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*

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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*

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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

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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

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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 textitTrichoderma 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) textitPisolithus tinctorius

(2) textitPaecilomyces lilacinus

(3) textitPseudomonas cepacia

(4) textitGliocladium 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**		