



1. This component provides a sticky character to bacterial cell (NEET 2017)

- A. Glycocalyx C. Cell wall
B. Nuclear membrane D. Plasma membrane

2. Pick the incorrect statement (NEET-II 2016)

- A. Diatoms are microscopic and float in water passively
B. Diatoms are chief producers in oceans
C. Diatomaceous earth is formed by the cell walls of diatoms
D. Walls of diatoms are easily destructible

3. The imperfect fungi that are decomposers of litter and help in mineral cycling belong to (2015)

- A. Basidiomycetes C. Ascomycetes
B. Deuteromycetes D. Phycomycetes

4. Pick the incorrect statement (2015)

- A. *Neurospora* is used in the study of biochemical genetics
B. *Penicillium* is multicellular and produces antibiotics
C. Yeast is unicellular and used in fermentation
D. Morels and truffles are poisonous mushrooms

5. A capsule is advantageous to a bacterium because (NEET 2013)

- A. it allows the bacterium to attach to the surface
B. it allows the bacterium to "hide" from the host's immune system
C. it protects means of locomotion
D. it protects the bacterium from desiccation

6. The most abundant prokaryotes helpful to humans in making curd from milk and in production of antibiotics are the ones categorized as (2012)

- A. heterotrophic bacteria
B. chemosynthetic autotrophs
C. archaebacteria
D. cyanobacteria

7. The pathogen *Microsporum* responsible for ringworm disease in humans belongs to the same kingdom of organisms as that of (Mains 2011)

- A. *Ascaris*, a roundworm
B. *Rhizopus*, a mould
C. *Wuchereria*, a filarial worm
D. *Taenia*, a tapeworm

8. Some hyperthermophilic organisms that grow in highly acidic (pH 2) habitats belong to two groups (2010)

- A. liverworts and yeasts
B. eubacteria and archaea
C. protists and mosses
D. cyanobacteria and diatoms

9. Pick the correct combination of statements (i-iv) regarding characteristics of some entities

- i. Methanogens are archaebacteria that produce methane in marshy areas
ii. Nostoc is a filamentous blue green alga which fixes atmospheric nitrogen
iii. Chemosynthetic autotrophic bacteria synthesize cellulose from glucose
iv. Mycoplasma lack a cell wall and can survive without oxygen

These are correct statements (Mains 2010)

- A. (ii) and (iii)
B. (i), (ii) and (iii)
C. (ii), (iii) and (iv)
D. (i), (ii) and (iv)

10. Bacterial leaf blight of rice is caused by a species

- A. *Pseudomonas* (2008)
B. *Xanthomonas*
C. *Erwinia*
D. *Alternaria*

Answer

01.	02.	03.	04.	05.	06.	07.	08.	09.	10.
A	D	B	D	B	A	B	B	D	B