

Prepared by Arif khan & Zainab Arshad



Biotech Legends

**Prepared by
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BT102:Grand Quiz

Quiz Start Time: 06:50 AM, 27 December 2020

Question # 30 of 30 (Start time: 07:14:04 AM, 27 December 2020)

Total Marks: 1

Which of the following is not a bacterial gene transfer method?

Select the correct option

☐

Transduction

☐

Transformation

☒

Transfection

☐

Cojugation



Click to Save Answer & Move to Next Question

..... Are live mostly in extreme conditions.

Select the correct option

- | | |
|----------------------------------|------------|
| ☐ | Algae |
| ☐ | Protozoa |
| ☐ | Slime mold |
| ☒ | Archea |

Click to Save Answer & Move to Next Question

Which of the following is the illumination source for fluorescent microscope?

Select the correct option

- | | |
|----------------------------------|-------------------------------|
| ☐ | Fluorochromes |
| ☐ | UV Light |
| ☒ | Both Fluorochromes & UV light |
| ☐ | None of the given options |

Click to Save Answer & Move to Next Question

Which of the following is the type of membrane protein?

Select the correct option

☐	Peripheral protein
☐	Integral protein
☒	Both peripheral & integral proteins
☐	None of the given options

Click to Save Answer & Move to Next Question

_____ is transfer of DNA by a virus called bacteriophages

Select the correct option

- | | |
|----------------------------------|----------------|
| ☐ | Transformation |
| ☒ | Transduction |
| ☐ | Transfection |
| ☐ | Conjugation |

Click to Save Answer & Move to Next Question

Naming of the organisms introduced by:

Select the correct option

☐	Pasteur
☐	Watson
☒	Linnaeus
☐	Crick

[Click to Save Answer & Move to Next Question](#)

The term "animalcules" for microbes was firstly used by

.....

Select the correct option

- | | |
|----------------------------------|------------------------|
| ☐ | Carl Linnaeus |
| ☐ | Robert hooke |
| ☒ | Antony van Leeuwenhoek |
| ☐ | Carl woese |

Click to Save Answer & Move to Next Question

Question # 23 of 30 (Start time: 07:09:11 AM, 27 December 2020)

Total Marks: 1

Helicobacter pylori is a ____.

Select the correct option



Obligate Aerobe



Facultative Anaerobe



Obligate Anaerobe



Aerotolerant Aerobe



Click to Save Answer & Move to Next Question

Removal of electrons from an atom is known as

Select the correct option

☐	Reduction
☒	Oxidation
☐	Tyndalization
☐	None of the given options

Click to Save Answer & Move to Next Question

Capsule is responsible for

Select the correct option

☒	Virulence
☐	Mating
☐	Locomotion
☐	None of the given options

Click to Save Answer & Move to Next Question

Question # 20 of 30 (Start time: 07:06:53 AM, 27 December 2020)

Total Marks: 1

What are the physical requirements of bacteria?

Select the correct option



Temperature



pH



Osmotic Pressure



All of the given options.

Click to Save Answer & Move to Next Question

Three domain classification was proposed by the.....

Select the correct option



Mendel



Carl Linnaeus



Robert Koch



Carl woese

[Click to Save Answer & Move to Next Question](#)

Which of the following disease caused by spirochetes?

Select the correct option

☐	Leptospirosis
☐	Lyme Disease
☐	Syphilis
☒	All of the given options

[Click to Save Answer & Move to Next Question](#)

Question # 17 of 30 (Start time: 07:05:20 AM, 27 December 2020)

Total Marks: 1

Which of the following is not present in bacteria?

Select the correct option

- | | |
|----------------------------------|----------------------------------|
| ☐ | Histones |
| ☐ | Nuclear membrane |
| ☒ | Both histones & nuclear membrane |
| ☐ | None of the given options |

Click to Save Answer & Move to Next Question

For smear formation we use:

Select the correct option

☐	Swab
☒	Platinum loop
☐	Cotton
☐	None of the given options

Click to Save Answer & Move to Next Question

Movement against the concentration gradient is known as

.....

Select the correct option

☐	Passive movement
☒	Active movement
☐	Interactive movement
☐	None of the given options

Click to Save Answer & Move to Next Question

An extra chromosomal circular DNA fragment is known as

.....

Select the correct option

- | | |
|----------------------------------|---------------------------|
| ☒ | Plasmid |
| ☐ | Plastid |
| ☐ | Chromoplast |
| ☐ | None of the given options |

Click to Save Answer & Move to Next Question

Which of the following is the smallest bacterium?

Select the correct option

- | | |
|----------------------------------|---------------------------------|
| ☐ | Mycobacterium |
| ☒ | Mycoplasma |
| ☐ | Both Mycobacterium & Mycoplasma |
| ☐ | None of the given options |

Click to Save Answer & Move to Next Question

What is the temperature require for sterilization in hot air oven?

Select the correct option



121oC



155oC



170oC



None of the given options



Click to Save Answer & Move to Next Question

Which of the following is used for attachment?

Select the correct option

- | | |
|----------------------------------|----------------------|
| ☐ | Fimbriae |
| ☐ | Pili |
| ☐ | Capsule |
| ☒ | Both fimbriae & pili |

Click to Save Answer & Move to Next Question

Which of the following condition in which water moves into the cell?

Select the correct option

☒	Hypotonic
☐	Hypertonic
☐	Isotonic
☐	None of the given options

Click to Save Answer & Move to Next Question

P



Quiz

quiz.vu.edu.pk



MC190404429: TASKEEN ARSHAD

Time Left

20

sec(s)

BT102:Grand Quiz

Quiz Start Time: 06:50 AM, 27 December 2020

Question # 9 of 30 (Start time: 06:59:19 AM, 27 December 2020)

Total Marks:

Prokaryotes have no

Select the correct option



Nuclear membrane



Association with histones



Membrane enclosed organelles



All of the given options



Click to Save Answer & Move to Next Question



The oil immersion lense microscope is of power.

Select the correct option



10X



20X



40X



100X



Click to Save Answer & Move to Next Question

6:58   

 39.1 K/s  98



Quiz

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MC190404429: TASKEEN ARSHAD

Time Left 3 sec(s)

BT102:Grand Quiz

Quiz Start Time: 06:50 AM, 27 December 2020

Question # 7 of 30 (Start time: 06:56:49 AM, 27 December 2020)

Total Marks:

Which of the following enzymes catalyze the conversion of atmospheric oxygen into hydrogen peroxide?

Select the correct option

☐ Superoxide dismutase



☒ Oxidase



☐ Catalase



☐ Hydrolase



 Saving...

Question # 6 of 30 (Start time: 06:56:19 AM, 27 December 2020)

Total Marks: 1

The man behind the cell theory was.....

Select the correct option



Carl Linnaeus



Robert hooke



Carl woese



Robert Koch

Click to Save Answer & Move to Next Question

BT102:Grand Quiz	Quiz Start Time: 06:50 AM, 27 December
Question # 5 of 30 (Start time: 06:54:51 AM, 27 December 2020)	Total Ma
A DNA segment which encodes protein is known as	
Select the correct option	
☒	Gene
☐	Chromosome
☐	Amino acid
☐	None of the given options

Integral proteins are _____ the cell membrane and are _____ in water.

Select the correct option

- | | |
|----------------------------------|---------------------------------|
| ☐ | Loosely connected to, soluble |
| ☐ | Loosely connected to, insoluble |
| ☐ | Imbedded in, soluble |
| ☒ | Imbedded in, insoluble |

Click to Save Answer & Move to Next Question

..... is composed of pilin

Select the correct option

- | | |
|----------------------------------|----------------------|
| ☒ | Fimbriae |
| ☐ | Pili |
| ☐ | Flagella |
| ☐ | Both pili & fimbriae |

Click to Save Answer & Move to Next Question

Five kingdom classification was proposed by the.....

Select the correct option

- | | |
|----------------------------------|---------------|
| ☐ | Mendel |
| ☐ | Carl woese |
| ☒ | Carl Linnaeus |
| ☐ | Robert Koch |



Click to Save Answer & Move to Next Question

Which of the following gas is used for microbial removal?

Select the correct option

- ☒ Ethylene oxide
- ☐ Carbon dioxide
- ☐ Hydrogen peroxide
- ☐ None of the given options



Click to Save Answer & Move to Next Question



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