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1st Year Biology Solved Exercise MCQs

NAME:			ROLL NO:		TIME:	10: MIN
SUB:	Biology	Date:			CLASS:	1st Year
SYLLABUS	Chp. 2 (Bacteria and Viruses)		T. MARKS	10	OBT. M	

Q. 1 Choose the Correct Answer. Cutting, Erasing, Double Selection is Strictly Prohibited. (1x10=10)

1. **Which of the following component is not found in kinds of bacteria:**
   (A) Ribosomes (B) Cell membrane
   (C) Nucleoid (D) Capsule
2. **The bacterial chromosome is typically:**
   (A) Linear, double-stranded DNA (B) Circular, single-stranded RNA
   (C) Circular, double-stranded and DNA (D) Linear, single-stranded DNA
3. **In bacteria cells, respiration occurs at:**
   (A) Mitochondria (B) Cell division
   (C) Ribosomes (D) Endoplasmic reticulum
4. **Which group of bacterial is known as a good source source of antibiotics:**
   (A) Omnibacteria (B) Spirochaetes
   (C) Pesudomondas (D) Actinomycetes
5. **What is the primary function of flagella in bacteria cells?**
   (A) DNA replication (B) Cell division
   (C) Motility (D) Protein synthesis
6. **Which type of motility in bacteria is mediated by pill:**
   (A) Brownian movement (B) Gliding motility
   (C) Twitching motility (D) Swarming motility
7. **Which of the following bacterial structures is responsible for detecting and responding to chemical:**
   (A) Capsule (B) Pili
   (C) Flagella (D) Ribosomes
8. **Which one of following are not Nitrifying bacteria:**
   (A) Nitrosomonas (B) Nitrobacter
   (C) Azotobacter (D) Pseudomonas
9. **The enzymes responsible for converting HIV RNA into DNA:**
   (A) RNA polymerase (B) Reverse transcriptase
   (C) DNA helicase (D) Integrase
10. **The HIV capsid contains:**
    (A) Single-stranded DNA and reverse transcription
    (B) Single-stranded RNA and reverse transcription
    (C) Double-stranded DNA and integrase
    (D) Double-stranded RNA and RNA polymerase

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Answer Key							
1	D	**2**	C	**3**	B	**4**	D
5	C	**6**	C	**7**	B	**8**	D
9	B	**10**	B				