

Unit-3&6 Medical Microbiology
Viral disease and anti-microbial agent

Time-1hr

FM-40

Answer ten of the following questions

1x10=10

1. What is Bactericidal and static?
2. What is antigenic shift and drift
3. How did the influenza virus spread?
4. Give example of one of each cell wall synthesis inhibitor, protein synthesis inhibitor, nucleic acid synthesis
5. Write the different targets of anti-retroviral drugs
6. What is abortive, non-paralytic and paralytic polio?
7. What is MDR and XDR?
8. How did Swine flu spread?
9. What is broad and narrow spectrum antibiotic? give example
10. Write the possible mechanism to prevent rabies
11. Which function altered by Griseofulvin and acyclovir

Answer all questions

2x5=10

1. Write down the pathogenesis mechanism of Polio
2. What is antimicrobial resistance? How it works?
3. Differ between all forms of hepatitis (A to E)
4. Write the mechanism of amphotericin-B
5. What is MARSA? How does Amantadine work?

Answer all questions

5x3=15

1. Write down the pathogenesis mechanism of Rabies
2. Give one example of antibiotics that alter cell membrane function with their mechanism
3. Briefly describe the pathogenesis cycle of HIV
4. Write the lifecycle of dengue
5. Write the mechanism of action of tetracycline

Answer anyone questions

1x5=5

1. Briefly describe about Japanese encephalitis
2. Briefly describe the mechanism of penicillin and azidothymidine
3. How does Swine flu cause pathogenies? Write short notes on Influenza