

CLASS XI A and A1

Topic:- Living in the World of Emerging Mircobial Resistance

QUIZ

1. What are Microbes?
Ans. Microbes are tiny micro organisms that live around us and within us.
2. Name five types of microbes.
Ans. Viruses, Bacteria, Algae, Protozoans and Fungi.
3. What is the most common myth about microbes?
Ans. The most common myth about microbes is that the “microbes are bad.”
4. Where are bacteria found?
Ans. Bacteria are found all over the inside and outside in our bodies except in the blood and spinal fluid.
5. What are Antibiotics?
Ans. Antibiotics are also known as antimicrobial drugs, drugs that fight infections caused by bacteria.
6. Who discovered the first antibiotic and when?
Ans. Alexander Fleming in 1927.
7. Name the first Antibiotic.
Ans. Penicillin
8. Name some viral infections that should not be treated with antibiotics.
Ans. Cold, Flu, Coughs, some throats and some ear infections.
9. What is antibiotic resistance?
Ans. It is the ability of bacteria and other microbes to resist the effect of an antibiotic.
10. Why should we be concerned about Antibiotic resistance?
Ans. We should be concerned about antibiotic resistance because almost every microbe has become stronger and less responsive to antibiotic treatment.
11. Give two ways to prevent antibiotic resistance if infectious.

- Ans. 1. Do not take antibiotic for viral infections.
2. Do not save your antibiotic for next time.
3. Do not skip the doses.

12 Name the dye which can kill bacteria.

Ans. Red chemical dyes also called sulfonamides can kill bacteria.

13. Who discovered Sulfonamides and when?

Ans. Gerhard Domagk with Colleagues, in 1930.

14. Give factors that inhibit the control of anti-microbial drug resistance.

Ans. Lack of govt. commitment to address these issues, poor surveillance and a diminishing arsenal of tools to diagnose.

15. What is now recognized as a major threat to human health worldwide?

Ans. The increasing emergence of multi-drug resistant bacteria is now recognized as a major threat to human health worldwide.

16. What does FDA stands for?

Ans. FDA stands for Food and Drug Department.

17. How small molecule drugs historically played a major role in controlling bacterial infections?

Ans. They continue to offer tremendous potential in countering resistant organisms.

18. Name the first antimicrobial used.

Ans. Antimalarials.

19. Name the tree from which the Quinine drug is obtained.

Ans. Quinine is obtained from Quina-Quina tree.

20. Name the drug that was used for the treatment of Tuberculosis.

Ans. The drug that was used for the treatment of tuberculosis is Streptomycin.

21. What is the full form of WEF?

Ans. WEF stands for World Economic Forum.

22. Which factors should be a part of fight against antimicrobial resistance?

Ans. Sustainable water, sanitation and hygiene.

23. Which is the most important factor responsible for the transmission of diseases?

Ans. Water.