

9. Tick the drug, which is effective against mycobacteria only:

- A. Isoniazid
- B. Streptomycin
- C. Rifampin
- D. Kanamycin

10. Tick the antimycobacterial drug belonging to first-line agents:

- A. PAS
- B. Isoniazid
- C. Kanamycin
- D. Pyrazinamide

- 11- Tick the antimycobacterial drug, belonging to second-line agents:
- A. Isoniazid
 - B. PAS
 - C. Rifampin
 - D. Streptomycin
- 12- Tick the antimycobacterial drug, belonging to antibiotics:
- A. Isoniazid
 - B. PAS
 - C. Ethambutol
 - D. Rifampin
- 13- Tick the antimycobacterial drug – hydrazide of isonicotinic acid:
- A. Rifampin
 - B. Isoniazid
 - C. Ethambutol
 - D. Pyrazinamide
- 14- Mechanism of Isoniazid action is:
- A. Inhibition of protein synthesis
 - B. Inhibition of mycolic acids synthesis
 - C. Inhibition of RNA synthesis
 - D. Inhibition of ADP synthesis
- 15- Mechanism of Rifampin action is:
- A. Inhibition of mycolic acids synthesis
 - B. Inhibition of DNA dependent RNA polymerase
 - C. Inhibition of topoisomerase II
 - D. Inhibition of cAMP synthesis
- 16- Mechanism of Cycloserine action is:
- A. Inhibition of mycolic acids synthesis
 - B. Inhibition of RNA synthesis
 - C. Inhibition of cell wall synthesis
 - D. Inhibition of pyridoxalphosphate synthesis
- 17- Mechanism of Streptomycin action is:
- A. Inhibition of cell wall synthesis
 - B. Inhibition of protein synthesis
 - C. Inhibition of RNA and DNA synthesis
 - D. Inhibition of cell membranes permeability

18- Rifampin has the following unwanted effect:

- A. Dizziness, headache
- B. Loss of hair
- C. Flu-like syndrome, tubular necrosis
- D. Hepatotoxicity

19- Isoniazid has following unwanted effect:

- A. Cardiotoxicity
- B. Hepatotoxicity, peripheral neuropathy
- C. Loss of hair
- D. Immunotoxicity

20- Ethambutol has the following unwanted effect:

- A. Cardiotoxicity
- B. Immunotoxicity
- C. Retrobulbar neuritis with red-green color blindness
- D. Hepatotoxicity

21- Streptomycin has the following unwanted effect:

- A. Cardiotoxicity
- B. Hepatotoxicity
- C. Retrobulbar neuritis with red-green color blindness
- D. Ototoxicity, nephrotoxicity

22- Mechanism of aminosalicylic acid action is:

- A. Inhibition of mycolic acids synthesis
- B. Inhibition of folate synthesis
- C. Inhibition of DNA dependent RNA polymerase
- D. Inhibition of DNA gyrase

23- All of the following agents are the first-line antimycobacterial drugs, EXCEPT:

- A. Rifampin
- B. Pyrazinamide
- C. Isoniazid
- D. Streptomycin

24- All of the following antimycobacterial drugs have a bactericidal effect, EXCEPT:

- A. Pyrazinamide
- B. Streptomycin
- C. Rifampin
- D. Isoniazid

9	A
10	B
11	B
12	D
13	B
14	B
15	B
16	C
17	B
18	C
19	B
20	C
21	D
22	B
23	B
24	A