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**Completed on** Sunday, 12 November 2023, 12:20 PM

**Time taken** 15 mins 32 secs

**Grade** 25.00 out of 25.00 (100%)

## Question 1

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

The mechanism of action of acyclovir triphosphate is by specific inhibition of viral RNA-polymerase

- A. TRUE
- B. FALSE



Your answer is correct.

The correct answer is:

FALSE

## Question 2

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Ketoconazole given orally is the drug of choice for Athlete's foot

- A. FALSE
- B. TRUE



Your answer is correct.

The correct answer is:

FALSE



### Question 3

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Sulphonamide resistance is due to production of beta-lactamase with low affinity for sulphonamides

- A. TRUE
- B. FALSE



Your answer is correct.

The correct answer is:

FALSE

### Question 4

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Sulfadoxine-pyrimethamine is used for vivax malaria chemoprophylaxis because it is active against the hypnozoite form of vivax malaria

- A. FALSE
- B. TRUE



Your answer is correct.

The correct answer is:

FALSE



## Question 5

Correct

Mark 1.00 out of 1.00

Metronidazole is not suitable for amoebic hepatitis BECAUSE larger doses are needed for the treatment of amoebic hepatitis than for intestinal amoebiasis

Choose the ONE BEST answer

- A. Preceding statement false but following statement true
- B. Both statements false
- C. Both statements true and related
- D. Preceding statement true but following statement false
- E. Both statements true but unrelated



Your answer is correct.

The correct answer is:

Both statements false

## Question 6

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

The chemotherapeutic action of quinolones is due to inhibition of DNA gyrase

- A. FALSE
- B. TRUE



Your answer is correct.

The correct answer is:

TRUE



## Question 7

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Ciprofloxacin is an orally active drug effective against pseudomonads

- A. TRUE
- B. FALSE



Your answer is correct.

The correct answer is:

TRUE

## Question 8

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Praziquantel is not active in taenia solium cysticercosis

- A. TRUE
- B. FALSE



Your answer is correct.

The correct answer is:

FALSE



## Question 9

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Nystatin is not absorbed from the gastrointestinal tract and is given parenterally

- A. FALSE
- B. TRUE



Your answer is correct.

The correct answer is:

FALSE

## Question 10

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Rifampicin is active against mycobacterium tuberculosis by inhibiting its protein synthesis

- A. FALSE
- B. TRUE

*RNA Synthesis .  
Inhibits DNA dependent  
polymerase leading  
of RNA synthesis.  
Rifampicin to inhibition*

Your answer is correct.

The correct answer is:

FALSE



## Question 11

Correct

Mark 1.00 out of 1.00

Tetracycline is a suitable broad spectrum antibacterial agent to use in children BECAUSE it has few toxic effects in children

Choose the ONE BEST answer

- A. Both statements false
- B. Both statements true but unrelated
- C. Both statements true and related
- D. Preceding statement true but following statement false
- E. Preceding statement false but following statement true



Your answer is correct.

The correct answer is:

Both statements false

## Question 12

Correct

Mark 1.00 out of 1.00

The risk of kidney damage by sulphonamides may be reduced by giving ammonium chloride BECAUSE an alkaline medium increases the solubility of sulfonamides

Choose the ONE BEST answer

- A. Both statements true but unrelated
- B. Preceding statement true but following statement false
- C. Both statements true and related
- D. Preceding statement false but following statement true
- E. Both statements false



Your answer is correct.

The correct answer is:

Preceding statement false but following statement true



## Question 13

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Vancomycin is bactericidal, disrupting bacterial cell membranes by interaction with phospholipids

Peptidoglycans

- A. FALSE
- B. TRUE



Your answer is correct.

The correct answer is:

FALSE

## Question 14

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Mercaptopurine has anti-cancer cytotoxicity activity because it interferes with the action of topo-isomerase II

- A. FALSE
- B. TRUE



Your answer is correct.

The correct answer is:

FALSE



## Question 15

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Methotrexate reaches high concentrations in the central nervous system and can be used in the therapy of brain tumours

- A. TRUE
- B. FALSE



Your answer is correct.

The correct answer is:  
FALSE

## Question 16

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Aminoglycosides interfere with peptidoglycan synthesis

*Vancomycin*

- A. TRUE
- B. FALSE

*Aminoglycosides = Inhibit protein synthesis*



Your answer is correct.

The correct answer is:  
FALSE



## Question 17

Correct

Mark 1.00 out of 1.00

The administration of sulphonamides in premature babies may aggravate kernicterus BECAUSE sulphonamides displace bilirubin from albumin

Choose the ONE BEST answer

Inhibit folic acid synthesis  
Mimic albumin

- A. Both statements true but unrelated
- B. Preceding statement false but following statement true
- C. Both statements false
- D. Preceding statement true but following statement false
- E. Both statements true and related



Your answer is correct.

The correct answer is:

Both statements true and related

## Question 18

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Erythromycin has the same anti-bacterial specturm as penicillin and can be a useful alternative in patients allergic to penicillin

- A. TRUE
- B. FALSE



Your answer is correct.

The correct answer is:

TRUE



## Question 19

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Griseofulvin applied topically, is an effective treatment for fungal infections of the skin

- A. FALSE
- B. TRUE



Your answer is correct.

The correct answer is:

FALSE

## Question 20

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Cilastatin is a beta-lactamase inhibitor used in combination with amoxicillin

- A. TRUE
- B. FALSE



Your answer is correct.

The correct answer is:

FALSE



## Question 21

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Chloroquine is effective in hepatic amoebiasis

- A. FALSE
- B. TRUE



Your answer is correct.

The correct answer is:

TRUE

## Question 22

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Artemether is a fast-acting blood schizonticide

- A. FALSE
- B. TRUE



Your answer is correct.

The correct answer is:

TRUE



## Question 23

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Flouro-uracil has a higher affinity than endogenous dihydrofolate for dihydrofolate reductase

- A. TRUE
- B. FALSE



Your answer is correct.

The correct answer is:

FALSE

## Question 24

Correct

Mark 1.00 out of 1.00

State whether the following statement is TRUE or FALSE (negative marking for wrong answer)

Vincristine's unwanted actions affect mainly neural tissue

- A. TRUE
- B. FALSE



Your answer is correct.

The correct answer is:

TRUE



## Question 25

Correct

Mark 1.00 out of 1.00

Penicillin does not readily appear in the cerebrospinal fluid of individuals without meningitis BECAUSE it does not readily pass across the meninges

Choose the ONE BEST answer

- A. Preceding statement false but following statement true
- B. Both statements true but unrelated
- C. Both statements false
- D. Both statements true and related
- E. Preceding statement true but following statement false



Your answer is correct.

The correct answer is:

Both statements true and related

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