

Pharma Exam Job Interview Questions And Answers



Interview Questions Answers

<https://interviewquestionsanswers.org/>

About Interview Questions Answers

Interview Questions Answers . ORG is an interview preparation guide of thousands of Job Interview Questions And Answers, Job Interviews are always stressful even for job seekers who have gone on countless interviews. The best way to reduce the stress is to be prepared for your job interview. Take the time to review the standard interview questions you will most likely be asked. These interview questions and answers on Pharma Exam will help you strengthen your technical skills, prepare for the interviews and quickly revise the concepts.

If you find any **question or answer** is incorrect or incomplete then you can **submit your question or answer** directly with out any registration or login at our website. You just need to visit [Pharma Exam Interview Questions And Answers](#) to add your answer click on the *Submit Your Answer* links on the website; with each question to post your answer, if you want to ask any question then you will have a link *Submit Your Question*; that's will add your question in Pharma Exam category. To ensure quality, each submission is checked by our team, before it becomes live. This [Pharma Exam Interview preparation PDF](#) was generated at **Wednesday 29th November, 2023**

You can follow us on FaceBook for latest Jobs, Updates and other interviews material.
www.facebook.com/InterviewQuestionsAnswers.Org

Follow us on Twitter for latest Jobs and interview preparation guides.
<https://twitter.com/InterviewQA>

If you need any further assistance or have queries regarding this document or its material or any of other inquiry, please do not hesitate to contact us.

Best Of Luck.

Interview Questions Answers.ORG Team
<https://InterviewQuestionsAnswers.ORG/Support@InterviewQuestionsAnswers.ORG>



Pharma Exam Interview Questions And Answers Guide.

Question - 1:

What drug(s) inhibit the second stage of the cell wall synthesis? (Precursor transported from inside cell membrane to outside)

Ans:

Vancomycin and Bacitracin

[View All Answers](#)

Question - 2:

What drug(s) inhibit the third stage of the cell wall synthesis? (Cross linking of the cell wall)?

Ans:

Penicillin and Cephalosporin

[View All Answers](#)

Question - 3:

What does Cell Death require?

Ans:

Action of Autolysin

[View All Answers](#)

Question - 4:

What are three mechanisms of resistance to Penicillin?

Ans:

Lack of accessibility to target (Gram Negative)
Production of Penicillinases (Beta-Lactamase)
Alterations in Penicillin Binding Proteins

[View All Answers](#)

Question - 5:

About what percent of penicillin is protein bound?

Ans:

33-50%

[View All Answers](#)

Question - 6:

What is the standard reference of Penicillin?

Ans:

Penicillin G

[View All Answers](#)

Question - 7:

Is oral use of Penicillin G indicated?

Ans:

Not, it is inactivated at low pH

[View All Answers](#)



Question - 8:

Which type of Pen G is used for syphilis and rheumatic fever prophylaxis?

Ans:

Benzathine Pen G

[View All Answers](#)

Question - 9:

Which type of Pen G is used for the treatment of gonorrhoea?

Ans:

Procaine Pen G

[View All Answers](#)

Question - 10:

Which type of penicillin is acid stable?

Ans:

Penicillin V

[View All Answers](#)

Question - 11:

Should you use sulfonamides on a patient with 6-glucose phosphate dehydrogenase deficiency?

Ans:

No, it could produce acute hemolytic anemia

[View All Answers](#)

Question - 12:

What sulfonamide is used routinely for urinary tract infection?

Ans:

Sulfisoxazole

[View All Answers](#)

Question - 13:

Why are long-acting sulfonamides not available in the US any longer?

Ans:

Due to the high incidence of Stevens-Johnson syndrome

[View All Answers](#)

Question - 14:

What is the mechanism of Trimethoprim?

Ans:

It is a selective inhibitor of Dihydrofolate reductase

[View All Answers](#)

Question - 15:

What must be absent with the use of trimethoprim in order to make it bacteriocidal?

Ans:

Thymine

[View All Answers](#)

Question - 16:

Which types of bacteria are targeted by Trimethoprim?

Ans:

Both Gram - and Gram +
Its Broad Spectrum

[View All Answers](#)

Question - 17:

Which chemotherapeutic agents are inhibitors of cell wall synthesis?

Ans:

Penicillin
Cephalosporin



Vancomycin
Bacitracin
Cycloserine

[View All Answers](#)

Question - 18:

Which type of bacteria is most affected by penicillins?

Ans:

Gram +

[View All Answers](#)

Question - 19:

What drug inhibits the first stage of the cell wall synthesis? (Production of Cell Wall Building Blocks)?

Ans:

Cycloserine

[View All Answers](#)

Question - 20:

What log cell kill is required to cure microbial infections?

Ans:

2 (99% of population is killed)

[View All Answers](#)

Question - 21:

What was the first effective chemotherapeutic agent employed systemically?

Ans:

Sulfonamides

[View All Answers](#)

Question - 22:

What types of bacteria do sulfonamides target?

Ans:

Broad-Spectrum - Gram + and Gram -

[View All Answers](#)

Question - 23:

What is the mechanism of action of sulfonamides?

Ans:

They are structural analogs and competitive antagonists of PABA (Para-Aminobenzoic Acid)

[View All Answers](#)

Question - 24:

What are sulfonamides often used in combination with?

Ans:

Trimethoprim

[View All Answers](#)

Question - 25:

How do sulfonamides not interfere with host metabolism?

Ans:

Mammalian cells use preformed folic acid.

[View All Answers](#)

Question - 26:

Which drug inhibits dihydrofolate reductase and prevents the transformation of dihydrofolate to tetrahydrofolate?

Ans:

Trimethoprim

[View All Answers](#)

Question - 27:



How is resistance to sulfonamides presented?

Ans:

Increased synthesis of PABA
Alterations in enzyme that utilizes PABA
Increased capacity to destroy or inactivate the drug
Development of an alternative metabolic pathway for synthesis of essential metabolites

[View All Answers](#)

Question - 28:

Where are sulfonamides absorbed?

Ans:

Gut

[View All Answers](#)

Question - 29:

What antibiotic produces hearing loss in newborn when taken during pregnancy?

Ans:

Streptomycin

[View All Answers](#)

Question - 30:

What condition must be considered when prescribing sulfonamides and chloramphenicol?

Ans:

Glucose-6-Phosphate Dehydrogenase Deficiency (May produce Hemolysis)

[View All Answers](#)

Question - 31:

What are six mechanisms of resistance from chemotherapeutic agents?

Ans:

- 1) Absence of Target (Ergosterol's absent)
- 2) Alterations in Target (Pen. Binding Protein Alterations)
- 3) Low concentration at target (Interference with membrane passage)
- 4) Lack of metabolic activation (Antifungal Flucytosine -> Fluorouracil)
- 5) Inactivation (Penicillinases)
- 6) Escape from Effect (Alternate Metabolic Pathways)

[View All Answers](#)

Question - 32:

What type of resistance occurs in the absence of selective pressure?

Ans:

De Novo (Intrinsic) Resistance

[View All Answers](#)

Question - 33:

When is a microorganism said to be resistant?

Ans:

When the concentration of the drug required to weaken or kill the microorganism is greater than can be tolerated by the host.

[View All Answers](#)

Question - 34:

What generally happens when you add two bacteriocidal agents?

Ans:

Generally results in a synergistic effect.

[View All Answers](#)

Question - 35:

What generally happens when you combine 1 bacteriocidal and 1 bacteriostatic agent?

Ans:

Generally results in antagonism

[View All Answers](#)

Question - 36:



What generally happens when you combine two bacteriostatic agents?

Ans:

Produce an Additive effect

[View All Answers](#)

Question - 37:

What chemotherapeutic agent can be either bacteriocidal or bacteriostatic depending on the environment?

Ans:

Sulfonamides

[View All Answers](#)

Question - 38:

What is a chemical selective destruction of invading organisms?

Ans:

Chemotherapy

[View All Answers](#)

Question - 39:

What is the ratio of toxic dose:effective dose?

Ans:

Therapeutic Index

[View All Answers](#)

Question - 40:

What type of chemotherapy stems from the concept that substances derived from one living thing may serve to kill other living things?

Ans:

Antibiotic Chemotherapy

[View All Answers](#)

Question - 41:

What drug was discovered in 1936 and began the modern era of chemotherapy?

Ans:

Sulfanilamide

[View All Answers](#)

Question - 42:

How are chemotherapeutic agents classified?

Ans:

According to their Mechanism of Action

[View All Answers](#)

Question - 43:

What type of chemotherapeutic agents inhibit bacterial cell wall synthesis?

Ans:

Penicillin

Cephalosporins

Vancomycin

Bacitracin

Cycloserine

[View All Answers](#)

Question - 44:

What type of chemotherapeutic agents act directly on the cell membrane?

Ans:

Polyene Antifungal Agents:

Nystatin

Amphotericin B

[View All Answers](#)

Question - 45:

What types of antibacterial agents affect the function of bacterial ribosomes to inhibit protein synthesis, and are bacteriostatic?



Ans:

Chloramphenicol
Tetracyclines

[View All Answers](#)

Question - 46:

What types of antibacterial agents affect the function of bacterial ribosomes to inhibit protein synthesis, and are bacteriocidal?

Ans:

Streptomycin

[View All Answers](#)

Question - 47:

What types of chemotherapeutic agents affect nucleic acid metabolism?

Ans:

Rifampin (DNA dependent RNA polymerase)

Fluoroquinolones - Ciprofloxacin

[View All Answers](#)

Medical Most Popular & Related Interview Guides

- 1 : [Staff Nurse Interview Questions and Answers.](#)
- 2 : [Lab Technicians Interview Questions and Answers.](#)
- 3 : [Pharmaceutical Interview Questions and Answers.](#)
- 4 : [Pharmacist Interview Questions and Answers.](#)
- 5 : [Microbiology Interview Questions and Answers.](#)
- 6 : [Biotechnology Interview Questions and Answers.](#)
- 7 : [Healthcare Interview Questions and Answers.](#)
- 8 : [Nursing Interview Questions and Answers.](#)
- 9 : [Pharmacy Interview Questions and Answers.](#)
- 10 : [Physiotherapy Interview Questions and Answers.](#)

Follow us on FaceBook

www.facebook.com/InterviewQuestionsAnswers.Org

Follow us on Twitter

<https://twitter.com/InterviewQA>

For any inquiry please do not hesitate to contact us.

Interview Questions Answers.ORG Team

[https://InterviewQuestionsAnswers.ORG/
support@InterviewQuestionsAnswers.ORG](https://InterviewQuestionsAnswers.ORG/support@InterviewQuestionsAnswers.ORG)