



قائمة الاسئلة

علم الادوية والmdاواه- طب بشري - الثالث - درجة هذا الاختبار (120)

- 1) Vasodilators are most useful in:
 - 1) - septic arthritis
 - 2) - antiphospholipid syndrome
 - 3) + systemic sclerosis
 - 4) - osteoarthritis
 - 5) - rheumatoid arthritis
- 2) Antibiotics are strongly recommended in:
 - 1) + septic arthritis
 - 2) - antiphospholipid syndrome
 - 3) - systemic sclerosis
 - 4) - osteoarthritis
 - 5) - rheumatoid arthritis
- 3) Methotrexate is the first choice in:
 - 1) - septic arthritis
 - 2) - antiphospholipid syndrome
 - 3) - systemic sclerosis
 - 4) - osteoarthritis
 - 5) + rheumatoid arthritis
- 4) Anticoagulants are necessary in:
 - 1) - septic arthritis
 - 2) + antiphospholipid syndrome
 - 3) - systemic sclerosis
 - 4) - osteoarthritis
 - 5) - rheumatoid arthritis
- 5) Glucosamine plus chondroitin long therapy are good choice in:
 - 1) - septic arthritis
 - 2) - antiphospholipid syndrome
 - 3) - systemic sclerosis
 - 4) + osteoarthritis
 - 5) - rheumatoid arthritis
- 6) Venesection and antihistamines are most likely useful in:
 - 1) - chronic myeloid leukaemia
 - 2) + polycythaemia rubra vera
 - 3) - essential thrombocythaemia
 - 4) - myelofibrosis
 - 5) - acute lymphoblastic leukaemia
- 7) Antiplatelets are most likely useful in:
 - 1) - chronic myeloid leukaemia
 - 2) - polycythaemia rubra vera
 - 3) + essential thrombocythaemia
 - 4) - myelofibrosis
 - 5) - acute lymphoblastic leukaemia
- 8) Tyrosine kinase inhibitors e.g. imatinib are strongly recommended in:
 - 1) + chronic myeloid leukaemia
 - 2) - polycythaemia rubra vera





- 3) - essential thrombocythaemia
4) - myelofibrosis
5) - acute lymphoblastic leukaemia
- 9) Water intoxication is most likely occur as a side effect with the use of:
1) - Human menopausal gonadotropins
2) - bromocriptine
3) - octreotide
4) + desmopressin
5) - methimazole
- 10) Neutropenia is most likely occur as a side effect with the use of:
1) - Human menopausal gonadotropins
2) - bromocriptine
3) - octreotide
4) - desmopressin
5) + methimazole
- 11) Weight gain is most likely occur as a side effect with the use of:
1) + glibenclamide
2) - repaglinide
3) - empagliflozin
4) - acarbose
5) - metformin
- 12) Weight loss is most likely occur as a side effect with the use of:
1) - glibenclamide
2) - repaglinide
3) - empagliflozin
4) - acarbose
5) + metformin
- 13) Diarrhoea and flatulence are most likely occur as side effects with the use of:
1) - glibenclamide
2) - repaglinide
3) - empagliflozin
4) + acarbose
5) - metformin
- 14) Polyuria is most likely occur as a side effect with the use of:
1) - glibenclamide
2) - pioglitazone
3) + empagliflozin
4) - acarbose
5) - metformin
- 15) Water retention and oedema are most likely occur as side effects with the use of:
1) - glibenclamide
2) + pioglitazone
3) - empagliflozin
4) - acarbose
5) - metformin
- 16) Infertility is best treated by:
1) - flutamide
2) - raloxifene
3) + clomiphene





- 4) - tamoxifen
5) - finasteride
- 17) Breast cancer is best treated by:
- 1) - flutamide
2) - raloxifene
3) - clomiphene
4) tamoxifen
5) - finasteride
- 18) Benign prostatic hyperplasia is best treated by:
- 1) - flutamide
2) - raloxifene
3) - clomiphene
4) - tamoxifen
5) finasteride
- 19) Postmenopausal osteoporosis can be treated by:
- 1) - flutamide
2) bisphosphonates
3) - clomiphene
4) - tamoxifen
5) - finasteride
- 20) Secondary hyperparathyroidism is best treated by:
- 1) - bisphosphonates
2) alfacalcidol
3) - corticosteroids
4) - Oestrogens
5) - androgens
- 21) Spiramycin is the best choice for:
- 1) - MRSA
2) - Pseudomonas aeruginosa
3) - Cerebral toxoplasmosis
4) Toxoplasmosis in pregnancy
5) - Treponema pallidum
- 22) Benzathine penicillin is the best choice for:
- 1) - MRSA
2) - Pseudomonas aeruginosa
3) - Cerebral toxoplasmosis
4) - Toxoplasmosis in pregnancy
5) Treponema pallidum
- 23) Which of the following medications should be avoided in patient with a penicillin allergy when treating H. pylori
- 1) Amoxicillin
2) - Clarithromycin
3) - Metronidazole
4) - Tetracycline
5) - Levofloxacin
- 24) Which cephalosporin has activity against MRSA
- 1) - Ceftazidime
2) Ceftaroline
3) - Ceftriaxone





- 4) - Cefixime
5) - Cefadroxil
- 25) Sulfadiazine plus pyrimethamine are the best choice for:
- 1) - MRSA
2) - Pseudomonas aeruginosa
3) Cerebral toxoplasmosis
4) - Toxoplasmosis in pregnancy
5) - Treponema pallidum
- 26) Which of the following is a potential adverse effect of Sulphonamides?
- 1) - Hypokalemia
2) - Hyperglycemia
3) Stevens-Johnson syndrome
4) - Increased risk of bleeding
- 27) Which of the following is a safe treatment pregnant woman in first trimester?
- 1) Nitrofurantoin
2) - Tetracycline
3) - Trimethoprim-sulfamethoxazole
4) - Ciprofloxacin
- 28) What is the role of cilastatin when administered with imipenem?
- 1) - It enhances the antibiotic's effect.
2) It inhibits the renal metabolism of imipenem.
3) - It provides additional antibacterial activity.
4) - Increase the bioavailability
- 29) A patient is on warfarin therapy and needs to start cotrimoxazole. What is the most important consideration regarding this drug combination?
- 1) - Cotrimoxazole will decrease the effectiveness of warfarin
2) - Cotrimoxazole will cause warfarin to be metabolized faster
3) - No interaction exists between these two drugs
4) all are false
- 30) Which of the following is a second-generation cephalosporin?
- 1) - Cefixime
2) - Cephalexin
3) - Cefazolin
4) Cefuroxime
- 31) Which antibiotic is often used topically for acne treatment?
- 1) - Minocycline
2) Clindamycin
3) - Azithromycin
4) - Tetracycline
- 32) Which of the following is a major side effect when using gentamicin?
- 1) nephrotoxicity and ototoxicity
2) - gastrointestinal upset and diarrhea
3) - Increased risk of bleeding
4) - High risk of allergic reactions
- 33) Which of the following is the most appropriate prophylactic agent for fungal infections Pneumocystis jirovecii?
- 1) - Clotrimazole
2) - Fluconazole
3) Cotrimoxazole





- 4) - azithromycin
- 34) Which of the following describes the mechanism of action of fosfomycin?
- 1) Inhibition of bacterial cell wall synthesis
 - 2) - Inhibition of bacterial DNA gyrase
 - 3) - Inhibition of bacterial protein synthesis
 - 4) - Inhibition of bacterial RNA polymerase
- 35) What is a potential interaction between sulfonamides and hexamine?
- 1) - Increased risk of megaloblastic anemia
 - 2) - Decreased effectiveness of hexamine
 - 3) Increased risk of crystalluria and kidney damage
 - 4) - Decreased effectiveness of both medications
- 36) What is the correct dosing regimen for secnidazole in pregnant women?
- 1) A single dose of 2 grams
 - 2) - Two doses of 500 mg per day for 5 days
 - 3) - A single dose of 1 gram
 - 4) - 500 mg twice daily for 7 days
- 37) What is the most likely side effect of tetracycline therapy?
- 1) - Hemorrhagic rash
 - 2) Tooth discoloration in children and during pregnancy
 - 3) - Hypertension
 - 4) - Increased risk of thrombosis
- 38) Which of the following antibiotics is safe to use in renal failure without requiring dose adjustment?
- 1) - Penicillin
 - 2) - Gentamicin
 - 3) Clindamycin
 - 4) - Vancomycin
- 39) What is the first-line treatment for Nocardiosis?
- 1) - Vancomycin
 - 2) Trimethoprim-sulfamethoxazole
 - 3) - imipenem- Cilastatin
 - 4) - Clindamycin
- 40) In a patient with chronic kidney disease (CKD) stage 4 (eGFR 20 mL/min/1.73m²), what is the most appropriate dose adjustment for cotrimoxazole
- 1) - Use the standard dose with no adjustment
 - 2) Reduce the dose by 50%
 - 3) - Increase the dosing frequency to twice daily
 - 4) - Avoid cotrimoxazole completely
- 41) What is the main advantage of using the combination Trimethoprim-sulfamethoxazole rather than sulfamethoxazole alone?
- 1) - The combination prevents bacterial adherence to the urinary tract epithelium
 - 2) - The combination enhances immune system activation against bacteria
 - 3) The combination provides a synergistic effect, making the drug bactericidal
 - 4) - The combination inhibits bacterial RNA synthesis
- 42) What is the recommended dosing regimen for sarecycline in the treatment of acne?
- 1) Once daily
 - 2) - Twice daily
 - 3) - Once every other day
 - 4) - Three times a week
- 43) What is the standard ratio of trimethoprim to sulfamethoxazole used in this combination?





- 1) - 1:00
2) + 1:5
3) - 5:01
4) - 1:02
- 44) Which of the following is the most appropriate initial treatment for preventing infection in burn wounds?
1) - Vancomycin
2) - Ciprofloxacin
3) + Silver sulfadiazine
4) - Amphotericin B
- 45) Which of the following antibiotics is most likely to cause discoloration of breast milk, resulting in a dark or brown color?
1) + Minocycline
2) - Streptomycin
3) - ciprofloxacin
4) - Azithromycin
- 46) Which of the following is the primary effect of sulfamethoxazole on the bacteria?
1) - It interferes with bacterial ribosomal subunits, blocking protein synthesis
2) - It inhibits bacterial RNA polymerase, preventing transcription
3) - It inhibits bacterial dihydrofolate reductase, preventing folate synthesis
4) + It inhibits bacterial folate synthesis by blocking dihydropteroate synthase
- 47) Which of the following is the most appropriate first-line treatment for Clostridium difficile toxin infection?
1) - Oral Clindamycin
2) - Oral metronidazole
3) + Oral vancomycin
4) - Intravenous vancomycin
- 48) What is the mechanism of action of ozenoxacin?
1) - Inhibition of bacterial cell wall synthesis
2) + Inhibition of bacterial DNA gyrase and topoisomerase IV
3) - Disruption of bacterial protein synthesis
4) - Inhibition of bacterial RNA polymerase
- 49) What is the most common clinical indication for using linezolid?
1) - community-acquired pneumonia
2) + Vancomycin-resistant Staphylococcus aureus
3) - uncomplicated urinary tract infections
4) - all above correct
- 50) Which of the following statements about drug use during pregnancy is true?
1) - All drugs are safe to use during pregnancy
2) - No drugs should be used during pregnancy
3) + The benefits and risks of drug use should be carefully weighed
4) - Drugs should only be used during the first trimester
- 51) The antiviral agent that are highly active against cytomegalovirus (CMV) include which of the following
1) + Ganciclovir
2) - Acyclovir
3) - Amantadine
4) - Oseltamivir
- 52) The antiviral actions of this drug include inhibit of RNA polymerases. The drug is used for the treatment of severe respiratory syncytial virus infections.
1) - Amantadine
2) - Amprenavir





- 3) - Oseltamivir
4) Ribavirin
- 53) Which of the following are the adverse effects of amantadine
- 1) - Nervousness, Insomnia
2) GI dysfunction
3) - GI dysfunction, nervousness & insomnia
4) - Hemolytic anemia
- 54) The agents are effective against both influenza A and B
- 1) - Zidovudine
2) - Tenofovir
3) Oseltamivir
4) - Lopinavir
- 55) All the following are side effects of reverse transcriptase inhibitors drugs except
- 1) - Peripheral neuropathy
2) - Interaction with CYP450
3) Diabetes
4) - Anemia
- 56) Which the agents that inhibit protease enzymes
- 1) - Lamivudine
2) - Efavirenz
3) - Nevirapine
4) Not all the above
- 57) Which group of natural cytokines released by host cells in response to infections
- 1) Interferon alpha and peginterferon alpha
2) - Sofosbuvir
3) - Lamivudine
4) - All the above
- 58) Management of chronic HCV Infection gives 50% success rate where
- 1) - Treatment of interferon alpha alone.
2) Treatment in a combination of interferon with ribavirin
3) - Treatment in a combination of interferon with lamivudine
4) - All the above
- 59) A new class of drugs that prevents HIV replications and viral integration into the host cell
- 1) Raltegravir.
2) - Enfuvirtide
3) - Ritonavir
4) - Lopinavir
- 60) Antiviral drugs which use in precaution with bronchial asthma patients.
- 1) - Atazanvir.
2) Zanamivir
3) - Sofosbuvir
4) - Rimantadine
- 61) Which of the following adjustments should be made in his treatment regimen to minimize the interaction between ciprofloxacin and theophylline?
- 1) - increase the dose of theophylline
2) - increase the dose of ciprofloxacin
3) Decrease the dose of theophylline
4) - Discontinue theophylline
- 62) The renally excreted depolarizing inhibitor is





- 1) - Diazepam
 - 2) - Baclofen
 - 3) - Succinylcholine
 - 4) - Rocuronium
 - 5) Pancuronium
- 63) The drug which stimulate nicotinic receptor at neuromuscular junction is
- 1) - Diazepam
 - 2) - Baclofen
 - 3) Succinylcholine
 - 4) - Rocuronium
 - 5) - Pancuronium
- 64) The GABA agonist which may cause rebound of spasticity is
- 1) - Diazepam
 - 2) Baclofen
 - 3) - Succinylcholine
 - 4) - Rocuronium
 - 5) - Pancuronium
- 65) The GABA agonist which can be used for acute spasm due to muscle injury
- 1) Diazepam
 - 2) - Tizanidine
 - 3) - Dantrolene
 - 4) - Baclofen
 - 5) - Orphenadrine
- 66) The anticholinergic drug which can be used for acute spasm due to muscle injury
- 1) - Diazepam
 - 2) - Tizanidine
 - 3) - Dantrolene
 - 4) - Baclofen
 - 5) Orphenadrine
- 67) The drug used to control muscle spasm of multiple sclerosis
- 1) - Diazepam
 - 2) - Tizanidine
 - 3) - Dantrolene
 - 4) Baclofen
 - 5) - Orphenadrine
- 68) Which of the following is used for drug induce hyperthermia
- 1) - Diazepam
 - 2) - Tizanidine
 - 3) Dantrolene
 - 4) - Baclofen
 - 5) - Orphenadrine
- 69) Which of the following is used for treatment of multiple sclerosis
- 1) Natalizumab
 - 2) - Tizanidine
 - 3) - Dantrolene
 - 4) - Rocuronium
 - 5) - None of the answers
- 70) The antidepressant drug which affects alpha and histamine receptor
- 1) - Fluoxetine





- 2) - Tizanidine
3) Trazodone
4) - Sertraline
5) - Citalopram
- 71) The best antidepressant used for Alzheimer's patient
1) - Fluoxetine
2) - Tizanidine
3) - Trazodone
4) - Sertraline
5) Citalopram
- 72) The antidepressant which has high drug-drug interaction
1) Fluoxetine
2) - Tizanidine
3) - Trazodone
4) - Sertraline
5) - Citalopram
- 73) The drug used to enhance memory is
1) Donepezil
2) - Tranylcypromine
3) - Selegiline
4) - Nortriptyline
5) - Midodrine
- 74) The drug used to elevate blood pressure is
1) - Donepezil
2) - Tranylcypromine
3) - Selegiline
4) - Nortriptyline
5) Midodrine
- 75) The selective inhibitor of MAO is
1) - Donepezil
2) - Tranylcypromine
3) Selegiline
4) - Nortriptyline
5) - Midodrine
- 76) Which of the following is a metabolite of amitriptyline
1) - Donepezil
2) - Tranylcypromine
3) - Selegiline
4) Nortriptyline
5) - Midodrine
- 77) The injectable antipsychotic drug is
1) - Risperidone
2) - Clozapine
3) Haloperidol
4) - Fosphenytoin
5) - Amantadine
- 78) The injectable anti-epileptic drug is
1) - Risperidone
2) - Clozapine





- 3) - Haloperidol
4) + Fosphenytoin
5) - Amantadine
- 79) The drug induce agranulocytosis is
- 1) - Risperidone
2) + Clozapine
3) - Haloperidol
4) - Fosphenytoin
5) - Amantadine
- 80) Which of the following drug can be used for focal seizure
- 1) - Phenytoin
2) - Ethosuximide
3) - Gabapentin
4) - Fosphenytoin
5) + Lamotrigine

