

ADDITIONAL CLOSED BOOK QUESTIONS

- 1 Athlete's foot is an unsightly and irritating fungal infection that affects the skin of the feet.**
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|-----|---|---|---|
| [a] | The condition is caused by the fungus <i>Tinea corporis</i> | T | F |
| [b] | Salicylic acid is a constituent of many agents effective in its treatment | T | F |
| [c] | The condition is more common in children than in adults | T | F |
| [d] | Patients wishing to treat the condition should avoid the use of cream formulations as they hydrate the skin | T | F |
- 2 Wound healing is optimal where:**
- | | | | |
|-----|--|---|---|
| [a] | A clean, dry wound surface is maintained | T | F |
| [b] | Infection is absent | T | F |
| [c] | Hydrogen peroxide is used to clean the wound | T | F |
| [d] | The patient is on a low calorie diet | T | F |
- 3 The following are reasonable conditions to consider for a patient who presents with itchy and burning eyes:**
- | | | | |
|-----|----------------------|---|---|
| [a] | acute glaucoma | T | F |
| [b] | iritis | T | F |
| [c] | trigeminal neuralgia | T | F |
| [d] | conjunctivitis | T | F |
- 4 Regarding amitriptyline:**
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|-----|--|---|---|
| [a] | Is more sedating than imipramine | T | F |
| [b] | Is more likely to cause cardiac arrhythmias than lofepramine | T | F |
| [c] | Single doses at night are usually suitable | T | F |
| [d] | Plasma levels are decreased by cimetidine | T | F |
- 5 Loperamide 2mg capsules:**
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|-----|--|---|---|
| [a] | Cannot be recommended to treat diarrhoea in an eleven year old boy | T | F |
| [b] | Can be recommended for treatment of vomiting in an adult | T | F |
| [c] | The recommended dosage is one capsule four times daily or after each episode of diarrhoea up to a maximum of 8 in 24 hours | T | F |
| [d] | Is an effective substitute to rehydration therapy | T | F |

- 6 The following drugs have been shown to exacerbate the symptoms of asthma and therefore must be used with caution, or are contra-indicated, in the patients diagnosed with the condition:**
- | | | | |
|-----|---------------|---|---|
| [a] | Beta-blockers | T | F |
| [b] | NSAIDS | T | F |
| [c] | Aspirin | T | F |
| [d] | SSRIs | F | F |
- 7 With regard to the treatment of heart failure:**
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|-----|---|---|---|
| [a] | ACE inhibitors are indicated for patients with ventricular dysfunction. | T | F |
| [b] | ACE inhibitors are better tolerated (have less side effects) than angiotensin II receptor antagonists | T | F |
| [c] | ACE inhibitors should be used cautiously in patients receiving diuretics | T | F |
| [d] | ACE inhibitors are indicated for use in pregnant and breast feeding mothers | T | F |
- 8 Methadone:**
- | | | | |
|-----|--|---|---|
| [a] | Is an opioid agonist | T | F |
| [b] | Oral solution causes dental erosion | T | F |
| [c] | Reduces the craving for opioids | T | F |
| [d] | Is unlikely to be effective if a heroin addict has poor motivation to change | T | F |
- 9 Common early acute symptoms of meningitis include:**
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|-----|--------------------------|---|---|
| [a] | Dislike of bright lights | T | F |
| [b] | Severe headache | T | F |
| [c] | A vesicular rash | T | F |
| [d] | Tremor | T | F |
- 10 In relation to childhood conditions:**
- | | | | |
|-----|--|---|---|
| [a] | A five year-old child presenting with impetigo should be referred for topical fusidic acid treatment | T | F |
| [b] | A three year-old child presenting with molluscum contagiosum can be treated over the counter with salicylic acid preparations | T | F |
| [c] | A six year-old presenting with a fever, cough and small, white, grain-like spots on the inner cheeks and gums is most likely to be suffering from chickenpox | T | F |
| [d] | A six week-old baby presenting with a fever should always be referred because diagnosis can be difficult and complications can arise | T | F |

- 11 A 57 year-old male presents with a mole on his arm which has grown in size. Consider the following statements:**
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|-----|--|---|---|
| [a] | The patient should be questioned about his family history and any early history of sunburn as this could increase his risk of malignant melanoma | T | F |
| [b] | Major changes to a mole such as a ragged edge or growth should be investigated early | T | F |
| [c] | The two most common types of skin cancer are Basal Cell and Squamous Cell carcinomas | T | F |
| [d] | People most at risk from melanoma include those who tan easily and rarely burn in the sun | T | F |
- 12 Regarding vaginal discharge:**
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|-----|--|---|---|
| [a] | A 21 year-old female with vaginal itching and a creamy-white discharge should be referred if this is her third attack in six months | T | F |
| [b] | A pregnant patient in her third trimester presenting with a previously diagnosed case of thrush can be treated effectively by the pharmacist with an appropriate OTC product | T | F |
| [c] | A 36 year-old female should be referred if her thrush symptoms have not resolved within 24 hours of treatment with oral fluconazole | T | F |
| [d] | A 34 year-old female patient presenting with a thrush infection (previously diagnosed one year ago) can be treated using clotrimazole (pessary and cream). She is currently taking phenytoin for the treatment of epilepsy | T | F |
- 13 Palliative care is the active total care of patients whose disease is not responsive to curative treatment. Consider the following statements:**
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|-----|---|---|---|
| [a] | Nausea and vomiting may occur with opioid therapy but can be prevented by giving an anti-emetic such as haloperidol or metoclopramide | T | F |
| [b] | MST Continus [®] preparations are licensed for twice-a-day administration | T | F |
| [c] | Constipation associated with opioid therapy should be prevented if possible by regular administration of laxatives | T | F |
| [d] | Patients with neuropathic pain may benefit from transcutaneous electrical nerve stimulation (TENS) | T | F |
- 14 Regarding conjunctivitis:**
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|-----|---|---|---|
| [a] | Bacterial conjunctivitis is normally associated with a gritty feeling within the eye(s) and purulent discharge | T | F |
| [b] | Allergic conjunctivitis is normally associated with itchy eyes and a watery discharge | T | F |
| [c] | Viral conjunctivitis normally only affects one eye and causes a purulent discharge and a general gritty feeling within the eye | T | F |
| [d] | Patients who wear soft contact lenses should be advised to stop wearing them during treatment for bacterial conjunctivitis and for 48 hours following treatment | T | F |

15 The following can cause hypertension:

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|-----|------------------------------|---|---|
| [a] | Ciclosporin | T | F |
| [b] | Carbimazole | T | F |
| [c] | Ephedrine | T | F |
| [d] | Liquorice in herbal products | T | F |

16 Two pertinent Acts for pharmacy include the Consumer Protection Act 1987 and the Data Protection Act 1998. Consider the following statements:

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|-----|--|---|---|
| [a] | The Data Protection Act (1998) has 5 principles | T | F |
| [b] | The Consumer Protection Act (1987) removes the necessity for the injured person to prove that a manufacturer was negligent before they can successfully sue for damages | T | F |
| [c] | The Data Protection Act 1998 makes it unlawful to process personal data at all whether on paper or electronically unless certain prerequisites are met | T | F |
| [d] | With reference to the Consumer Protection Act; by mixing drugs or modifying a medical device, pharmacists become 'producers' with primary liability to pay compensation to a person injured by a defective product | T | F |

17 Regarding allergic rhinitis:

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|-----|--|---|---|
| [a] | Nasal decongestant sprays are the most effective choice for sneezing and nasal itching in allergic rhinitis | T | F |
| [b] | An oral or intranasal antihistamine is a first-line treatment for mild conditions | T | F |
| [c] | In seasonal allergic rhinitis treatment with nasal corticosteroids should be commenced 2 – 3 weeks before the season commences | T | F |
| [d] | Allergens responsible for seasonal allergic rhinitis include grass pollens, tree pollens and fungal mould spores | T | F |

18 In the case of an emergency supply of a prescription only medicine at the request of a patient:

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|-----|--|---|---|
| [a] | The person must be given a minimum supply of 5 days treatment | T | F |
| [b] | The label on the container must state "emergency supply" | T | F |
| [c] | The patient requesting the medicine should be interviewed prior to the sale/supply of the medicine | T | F |
| [d] | The pharmacist must be satisfied that the patient has previously been prescribed the medication by an appropriate practitioner | T | F |

19 With reference to statins:

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|-----|---|---|---|
| [a] | Statins competitively inhibit HMG CoA, an enzyme involved in cholesterol synthesis | T | F |
| [b] | Statins are more effective than fibrates in reducing triglyceride concentration | T | F |
| [c] | Statins are contraindicated in patients suffering from hyperthyroidism | T | F |
| [d] | Statin therapy should be considered for all patients over 40 years with diabetes mellitus | T | F |

20 Regarding diabetes mellitus:

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|-----|---|---|---|
| [a] | Only patients with Type 1 diabetes must notify the Driver and Vehicle Licensing Agency of their condition | T | F |
| [b] | It is recommended that patients with type 2 diabetes mellitus do not need to monitor blood glucose unless ill | T | F |
| [c] | Low-calorie sweeteners should be avoided | T | F |
| [d] | Patients should not take more than 15 units of alcohol if male or 10 units if female per week | T | F |