

Select the best answer in each case.

**Q1. Terazosin:**

- A constricts smooth muscle
- B is a selective beta-blocker
- C increases urinary flow rate
- D may cause an increase in blood pressure
- E is indicated in urinary frequency

**Q2. Persantin Retard (dipyridamole) is an:**

- A anticoagulant
- B antiplatelet
- C analgesic
- D antihypertensive
- E anti-arrhythmic drug

**Q3. Nicorandil**

- 1 has arterial vasodilating properties
- 2 cannot be used with nifedipine
- 3 is contraindicated in hypertensive patients

- A  if 1, 2 and 3 are correct
- B  if 1 and 2 only are correct
- C  if 2 and 3 only are correct
- D  if 1 only is correct
- E  if 3 only is correct

**Q4. Zolmitriptan is contraindicated in:**

- 1 uncontrolled hypertension
- 2 history of transient ischaemic attacks
- 3 treatment of acute migraine attacks

A  1, 2, 3

B  1, 2 only

C  2, 3 only

D  1 only

E  3 only

**Q5 .Simvastatin:**

- 1 lowers concentration of low density lipoprotein cholesterol
- 2 increases triglycerides
- 3 lowers concentration of high density lipoprotein cholesterol

A  1, 2, 3

B  1, 2 only

C  2, 3 only

D  1 only

E  3 only

**Q6. Arrange the following classes of antihypertensive agents, starting with the one that has been longest on the market:**

A sympatholytics

B calcium-channel blockers

C angiotensin-II receptor antagonists

D ACE inhibitor

E diuretics

**Q7. Positive risk factors for hyperlipidaemia include:**

1 hypertension

2 diabetes

3 a high HDL level

A  if 1, 2 and 3 are correct

B  if 1 and 2 only are correct

C  if 2 and 3 only are correct

D  if 1 only is correct

E  if 3 only is correct

**Q8. Diltiazem:**

- 1 is a calcium-channel blocker
- 2 has peripheral and coronary vasodilator properties
- 3 has a positive inotropic effect

- A  if 1, 2 and 3 are correct
- B  if 1 and 2 only are correct
- C  if 2 and 3 only are correct
- D  if 1 only is correct
- E  if 3 only is correct

**Q9. Risk factors for hypotension include:**

- 1 dehydration
- 2 sedentary lifestyle
- 3 high-fat diet

- A  if 1, 2 and 3 are correct
- B  if 1 and 2 only are correct
- C  if 2 and 3 only are correct
- D  if 1 only is correct
- E  if 3 only is correct

**Q10. Enalapril:**

1 is an angiotensin-converting enzyme inhibitor

2 may have to be withdrawn because of the development of a persistent cough

3 may cause hypokalaemia

A  if 1, 2 and 3 are correct

B  if 1 and 2 only are correct

C  if 2 and 3 only are correct

D  if 1 only is correct

E  if 3 only is correct

## Answers

Q1: C

Q2: B

Q3: D

Q4: B

Q5: D

Q6: Diuretics were the earliest group followed by sympatholytics (beta-adrenoceptor blocking agents such as propranolol), angiotensin-converting enzyme inhibitors, calcium-channel blockers and angiotensin II receptor antagonists such as losartan (1990).

Q7: B

Q8: B

Q9: D

Q10: B

Source: These MCQs were adopted from Further MCQs in Pharmacy Practice, Lilian M Azzopardi, 2006.