

**ANSWERS = Practice Quiz 10 Part B**  
**Alzheimer's Meds**  
DEH 2300 - July, 2014

1. **Briefly** describe the underlying pathophysiology of Alzheimer's Disease?

**ANSWER: See notes and the following website.**

**<http://www.clevelandclinicmeded.com/medicalpubs/diseasemanagement/neurology/alzheimers-disease/#cesec5>**

2. Which drug has research shown to be helpful in treating mild to moderate Alzheimer's Disease?

- a. Vitamin E
- b. Tofranil® (imipramine)
- c. Aricept® (donepezil hydrochloride) ANSWER**
- d. Wellbutrin® (bupropion)

3. Which characteristic would be typical of a client in the early stage of Alzheimer's Disease?

- a. Not remembering the way home from a nearby grocery store. ANSWER**
- b. Explosive temper and physical violence.
- c. Inability to speak.
- d. Loss of muscle control.

4. Exelon® (rivastigmine) is available in dermal patch form **and** has been found to be a cure for dementia of Alzheimer's Disease.

- a. True
- b. False ANSWER (Exelon® is available in patch form but is not a cure.)**

5. Recent research shows that \_\_\_\_\_ is likely the single most important factor in preventing Alzheimer's Disease.

- a. Medications
- b. Physical exercise ANSWER**
- c. Diet (including caffeine)
- d. Intellectual activity

6. What are the most common side effects of Aricept® (donepezil hydrochloride)? (The web-site below will be helpful.)

**ANSWER: See notes, *Drug Information Handbook for Dentistry* and the website below.**

**<http://www.rxlist.com/aricept-drug.htm>**

7. List at least 2 drugs which are classified as Selective Acetylcholinesterase Inhibitors and are used to treat mild to moderate Alzheimer's Disease.

**ANSWER: Aricept® (donepezil hydrochloride); Exelon® (rivastigmine); Razadyne® (galantamine)**

8. Name the drug which is classified as a NMDA and approved by the FDA for treatment of severe (late stage) Alzheimer's Disease? Can this drug be used in combination with any other Alzheimer's Disease medication? If so, which one?

**ANSWER: Namenda® (memantine); yes; Aricept® (donepezil hydrochloride)**

9. List alternative methods of treatment for Alzheimer's disease. Do these methods require FDA approval?

**ANSWER:** Alternative therapies listed below do not require FDA approval.

**Ginkgo Biloba**

**Turmeric**

**Melatonin**

**Vitamin and mineral supplements**

**Antioxidants (example: blueberries)**

**Numerous other things**

**NOTE:** Don't forget that several classifications of medications (such as antihypertensives, antidepressants and statins) are thought to decrease the risk of Alzheimer's disease. Of course these drugs do require FDA approval and prescriptions.

**Be sure to review other activities such as brain stimulation (crossword puzzles, learning new things, socialization, etc.), regular (frequent) physical exercise), pet therapy and diet.**