*Note: For the concepts listed below you will need to understand their meaning and be able to apply them in different contexts. Memorizing the definitions will not be sufficient. Remember the exam will consist of 40 multiple-choice questions and 2 short answer questions.

Ch. 2
1. Understand the different parts of a neuron
2. Understand what an action potential is
3. Understand the functions of serotonin, dopamine, acetylcholine, GABA & endorphins
4. Know what disorders serotonin, norepinephrine, dopamine & acetylcholine are linked to
5. Understand the sympathetic & parasympathetic nervous systems
6. Know what the CT scan, PET scan, EEG & MRI are used for
7. Know the functions of the different parts of the brainstem
8. Know the functions of the cerebellum & the amygdala
9. Know the different functions of the lobes of the brain
10. Understand the functions of the thalamus & hypothalamus
11. Understand the different effects of each class of drug has on the Central Nervous System (stimulants, depressants, hallucinogenics) as discussed in class & know examples of each class
12. Understand what effect an agonistic drug has on neurotransmitters
13. Understand what effect an antagonistic drug has on neurotransmitters
14. Know what neurotransmitter is implicated most with addiction

**Note we discussed #11-14 during Ch.2, but it’s in Ch.4 of your text

Ch. 12
15. Understand the effects of labeling individuals with psychological disorders
16. Understand the following disorders (especially the symptoms): obsessive-compulsive disorder, generalized anxiety disorder, phobias, dissociative identity disorder, agoraphobia, PTSD, depression, bipolar disorder, schizophrenia, antisocial personality disorder, borderline personality disorder
17. Know what delusions & hallucinations are
18. Know what the causes of schizophrenia, depression & bipolar disorder are

Ch. 13
19. Understand psychoanalysis & the ways to reveal what the unconscious is hiding
20. Understand the important aspects of client-centered therapy
21. Understand what systematic desensitization & aversive conditioning are
22. Understand how operant conditioning techniques are used in therapy
23. Understand cognitive therapy & drug therapies
24. Know the different types of medications used to treat the various types of psychological disorders
25. Understand what ECT & psychosurgery are