1. (3pts) Describe the neurodevelopmental process of migration using the following key terms: migration, radial glia, stem cells, daughter cells, ventricular zone, glycoprotein.

2. (1pt) Which of the following is not characteristic of Huntington’s disease?
   a) degenerative neural disease
   b) affects basal ganglia
   c) caused by a genetic mutation
   d) symptoms typically first observed during teenage years

3. (2pt) What order do these stages of brain development take place? (Number the following from 1-5)
   _________ differentiation
   _________ apoptosis
   _________ migration
   _________ synaptogenesis
   _________ proliferation

4. (2pts) Circle which of the following can occur due to fetal alcohol syndrome:
   indistinct philtrum (flat upper lip)
   large nose
   fewer convolutions of the brain
   abnormal corpus callosum development
5. (1pt) True or false, the ratio of midbrain to forebrain is larger for alligators versus humans?
   a) True
   b) False

6. (1pt) What is an example of an invertebrate that does have a nervous system?

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7. (1pt) The alar plate gives rise to the ______________ and the basal plate gives rise to the ______________.
   a) central nervous system / peripheral nervous system
   b) sensory neurons / motor neurons
   c) sympathetic nervous system / motor neurons
   d) motor neurons / parasympathetic nervous system