

SEMINAR QUESTIONS

- 1) SUMMARIZE THE IDEAS OF ARISTOTLE, DESCARTES AND DARWIN REGARDING THE RELATIONSHIP BETWEEN BRAIN AND BEHAVIOUR.

Lecture notes:

http://www.dur.ac.uk/~dps0ta/History_of_mind_and_brain_handout.PDF

http://www.dur.ac.uk/~dps0ta/Evolutionary_perspectives_handout.PDF

Text books:

Kolb and Whishaw/ Gazzaniga/ Rozenweig

(see http://www.dur.ac.uk/~dps0ta/reading_list_overview.PDF)

Useful websites:

<http://neurolab.jsc.nasa.gov/timeline.htm>

<http://serendip.brynmawr.edu/Mind/Table.html>

http://www.worthpublishers.com/kolb/con_index.htm?01

- 2) HOW DO NEURONS CONVEY AND COMMUNICATE INFORMATION? ILLUSTRATE YOUR ANSWER WITH EXAMPLES OF DRUGS AND TOXINS THAT AFFECT DIFFERENT STAGES OF NEURONAL SIGNALLING?

Lecture notes:

http://www.dur.ac.uk/~dps0ta/How_do_neurons_convey_information_handout.pdf

http://www.dur.ac.uk/~dps0ta/How_do_neurons_communicate_information_handout.pdf

Text books:

For Question 2, all books on the reading list contain the basics of neuronal signalling. Kolb and Whishaw/ Purves/ Rozenweig are good sources for information on toxins and drugs.

Useful websites:

<http://www.worthpublishers.com/kolb/content/psychsim/index.htm>

<http://faculty.washington.edu/chudler/introb.html#tn>