

KING'S COLLEGE LONDON
INSTITUTE OF PSYCHIATRY
MSc NEUROSCIENCE EXAMINATION
12th March 2014 at 14.00-16.30pm
fMRI and Tractography
B6 WRITTEN EXAMINATION

Answer FOUR questions only

1. Describe the methods for studying white matter connections.
2. Describe the criteria used to subdivide the lobes of the human brain.
3. Explain the fibres of the visual system.
4. Identify the major networks underlying language.
5. Describe the differences between autism and psychopathy.
6. What is diffusion tensor imaging tractography?
7. Comment on the lateralization of networks underlying language and visuospatial attention.
8. What are the major limbic networks of the human brain?