

Ollscoil na hÉireann, Gaillimh
NATIONAL UNIVERSITY OF IRELAND, GALWAY
B.Sc. General/Third Science & Third Biomedical Science

Autumn Examinations, 2002

Dr. S. McDonald

Dr. B. Wilkins

Anatomy AN307

Cell Biology and Histology

Time allowed: TWO hours

Answer QUESTION 1 (40 marks) and THREE others (20 marks each).

1. Blood:tissue interfaces are critical components of several organs. Discuss with reference to any three such interfaces.
2. Describe the histological structure of the nephron.
3. Write an essay on the histological structure of the heart.
4. Describe the histology of the **respiratory** portion of the respiratory system.
5. Compare and contrast the structure and function of the thymus and the spleen
6. Describe the histological structure of the ovary.
7. Compare and contrast the histological structure of the small and large intestine.