**Question A5.4 (2 points)**

Distribution of which pathogen/parasite is on map A? (**Circle** the right answer.)

1. *Plasmodium*
2. HIV I
3. Rabies virus
4. *Ascaris*

Distribution of which pathology (disease) is on map A? (**Circle** the right answer.)

1. AIDS
2. Rabies
3. Malaria
4. Sleeping sickness

**Question A5.5 (1 point)**

Which of the following symptoms would the patient with sickle cell anaemia suffer? (**Circle** the right answer/answers.)

1. Shorter lifespan of erythrocytes and therefore their quicker turnover
2. Excess of oxygen in peripheral tissues
3. Delayed growth and puberty
4. Frequent infections due to the fact that the patient’s spleen has to “invest” more space to erythrocyte management than to the production and differentiation of immune cells

**Question A5.6 (1 point)**

If the patient didn’t take the anti-HIV drug, which white blood cells would be primarily affected and therefore almost depleted from the blood? (**Circle** the right answer.)

1. Neutrophils
2. Helper T-cells
3. B-lymphocytes
4. Monocytes