

ヒト生物学I 本試験 ② 2007(H19). 7. 30

学籍番号 _____ 氏名 _____

Question: Fill in the blanks with the number of a word listed below.

(佐々木, 各1点)

1. (^{17, 20, 21} 4), ^{小胞} vesicles produced by the (³),
contain hydrolytic digestive enzymes.

2. Some white blood cells are able to take up ^{病原体} pathogens (disease-causing agents) by (^{phagocytosis} 19), and the process is given a special name: (^{phagocytosis} 16).

3. The nucleus is separated from the cytoplasm by a (²)
membrane known as the (^{nuclear envelope}), which is continuous with
the (^{endoplasmic reticulum}) (ER).

4. (^{plasma membrane} 10) is a phospholipid bilayer with attached or
embedded (^{proteins} 11).

5. Centrioles are short cylinders with a 9+0 pattern of (^{microtubules} 14).

① endoplasmic reticulum, ② nuclear envelope, ③ Golgi apparatus,

④ lysosome, ⑤ inner, ⑥ outer, ⑦ double, ⑧ unit, ⑨ triple,

⑩ the plasma membrane, ⑪ proteins, ⑫ sugars, ⑬ amino acids,

⑭ microtubules, ⑮ actin filaments, ⑯ endocytosis, ⑰ nucleus,

⑱ mitochondrion, ⑲ phagocytosis