



Zagazig university
Faculty of Science
Midterm Exam: Zoology (Cytology – Systematic – Embryology)
Code: z101

Exam A:

Cytology (2.5 marks)

1. The primary function of the plasma membrane is to
2. The component of the plasma membrane that helps maintain fluidity and stability is
3. The main function of microvilli on epithelial cells is to
4. The structural component that supports the stability of microvilli is
5. The cytoskeleton is described as a dynamic structure because

Embryology: Complete the following statements (2.5 marks)

- 6- Sperm of bird (aves) is..... while its ovum is
- 7- Division in multiplication phase in gametogenesis is while in maturation phase it is
- 8- The cells lining ovaries are in chromosomes.

Systematic: Answer the following (5 marks)

1-Write on binomial nomenclature – 2 marks: (الإجابة خلف الصفحة)

Complete the following statements (3marks)

- 2- *Amoeba* moves by:
- 3- *Trypanosoma* feeds on human:
- 4- Classification of protozoa according to

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ورضا نفسه وزنة عرشه ومداد كلماته