Department: Zoology
Year: 1st year
Course Code: Z 101
Course Title: General Zoology 1, (Cytology & Histology)
Term: 1st, 2009/2010
Time Allowed: 3 hours
Total points: 150 POINTS
Professor(s) Name(s): Ali Mohamed Ali Eldib

**ANSWER ALL** THE FOLLOWING QUESTIONS, ILLUSTRATE YOUR ANSWER WITH A COMPLETE SCIENTIFIC DRAWINGS AS POSSIBLE.

**Question III: (30 Points)**
Write briefly on each of the followings:
A) Differences between Mitosis and Meiosis........ (15 points)
B) Types of exocrine glands regarding the discharge of secretions....... (15 points)

**Question IV: (30 Points)**
Write short note on each of the followings:
A) Endoplasmic Reticulum .............. (15 points)
B) Simple epithelial tissue .............. (15 points)

**Question V: (30 Points)**
Write in details on each of the followings:
A) Types of cartilage .......... (15 points)
B) Structure and types of nerve cells (Neurons) ....... (15 points)

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The end