

國立中山大學 101 學年度碩士暨碩士專班招生考試試題

科目：脊椎動物學【生科系碩士班丙組選考】

題號：4038  
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1. Explain the following terms: pharynx slits, cladistics, neotype, polygyny, high-aspect ratio wings, zygodactyl, dynamic soaring, parotid glands, kinetic skull, hemipenis, hemolytic venoms, operculum, gill openings, digitgrade. (28 pts)
2. Compare and contrast the teeth of mammal orders Monotremata, Marsupialia, Primates, Rodentia, Carnivora, and Artiodactyla. (16 pts)
3. Describe the morphology and function of the following feathers: contour feathers, down feathers, semiplumes, bristles. (16 pts)
4. Discuss how amphibians practice defense and escape from predators? (14 pts)
5. Compare and contrast the following families of lizards: Gekkonidae, Lacertidae, Agamidae, Scincidae, and give one example of each in Taiwan. (16 pts)
6. Compare and contrast between Myxini and Cephalaspidomorphi. (10 pts)