

國立台中師範學院九十四學年度研究所碩士班考試

環境知能測驗 科試題

環教所 用

一、 Multiple choice: Please “circle” the best answer. (20%)

1. The water cycle is the circulation of water on Earth. Within this cycle, the change of water from a cloud to rain drops is called:
 - (A) evaporation
 - (B) condensation
 - (C) precipitation
 - (D) surface runoff

2. Which of the following is a renewable resource:
 - (A) oil
 - (B) iron ore
 - (C) trees
 - (D) coal

3. Which of the following is considered as “the Father of Environmental Education in the U.S.”?
 - (A) Joy A. Palmer
 - (B) Thomas J. Marcinkowski
 - (C) Deborah Simmons
 - (D) Trudi L. Volk
 - (E) William B. Stapp

4. Which of the following is **not** the category of environmental education objectives stated in the Tbilisi Declaration?
 - (A) Awareness
 - (B) Knowledge
 - (C) Consideration
 - (D) Attitudes
 - (E) Skills

5. Which of the following is **not** the component of General Teaching Model developed by Harold R. Hungerford?
 - (A) Performance
 - (B) Instructional Procedures
 - (C) Instructional Objectives
 - (D) Pre-Assessment
 - (E) Evaluation

6. The ultimate aim of environmental education is for every citizen to have formulated for him or herself a responsible attitude towards the sustainable development of the Earth. Which of the following is **not** the various topics of environmental education?
- (A) Environmental Knowledge
 - (B) Environmental Attitudes
 - (C) Responsible Environmental Behavior
 - (D) Environmental Engineering
 - (E) Environmental Action
7. avian flu : virus = birth-defect causing : _____
- (A) teratogen
 - (B) carcinogen
 - (C) mutagen
 - (D) detergent
 - (E) eutrophication
8. Which compound would cause the most serious global-warming effect by per molecular?
- (A) carbon dioxide
 - (B) chlorofluorocarbon
 - (C) ozone
 - (D) methane
 - (E) nitrous oxide
9. Which compound would deplete ozone level in stratosphere least by per molecular?
- (A) CFC-11
 - (B) CFC-115
 - (C) HCFC-502
 - (D) HCFC-22
 - (E) HFC-143a
10. Kyoto Protocol : green-house effect = Cartagen Protocol : _____
- (A) Pest control
 - (B) protect the endangered and threatened species
 - (C) reduce the risk of hazardous wastes
 - (D) cut back the production of chlorofluorocarbons
 - (E) manage the genetically modified organisms

二、環境小論文 (30%)

題目：在全球貿易自由化後，全球環保及自然保育發展趨勢之探討

說明：1.各位考生請就全球貿易自由化後，世界各國在環保及自然保育二議題，在短期及長期之環境衝擊、商品環保化趨勢及先進國家可能採取的環境策略等，寫成一篇摘要論文格式。

2.此篇論文內容須包括：背景、動機、說明 1.之論述內容及結語等。全文總字數約在 1000 字以內，並請以中文撰寫。