

國立彰化師範大學 97 學年度博士班招生考試試題

系所： 工業教育與技術學系

科目： 技職教育理論基礎

☆☆請在答案紙上作答☆☆

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* You can answer in either English or Chinese.

1. (1) Name at least five skills (verbs) that are most often mentioned in definitions of critical thinking. (5%)
(2) Name at least five characteristics of critical thinkers. (5%)
(3) Name the four levels of Simpson's Psychomotor Domain (Learning Taxonomy). What is characterized by this domain? (10%)
2. According to the theory of constructivism, the informal learning setting of workplace has a number of strengths as a learning environment. How can we make the shop/ laboratory in formal vocational education setting a better place to learn? (15%)
3. Our economy is getting more and more highly educated entry workers. What should be cautious in order for our country to remain competitive? Why? (15%)
4. On the basis of policy analysis, explain an evaluation process of vocational education policy. (5%) What are the criteria for judging evaluation? (5%) Develop a proposal (in both quantitative and qualitative methods) for evaluating a vocational education policy which you believe to be the most important policy toward contemporary educational reform. (15%)
5. Briefly describe the historical background of vocational education. (5%) What kinds of secondary vocational programs will be offered to the youth in terms of curriculum consideration? (10%) Based on the recent development of social and economical changes in Taiwan, what are the roles of vocational education in preparing students for the future? (10%)