

義守大學 94 學年度研究所碩士在職專班考試試題

系所別	電機工程學系、電子工程學系、材料科學與工程學系	考試日期	94/4/23
考試科目	英文	總頁數	5

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※不可使用計算機

Vocabulary (20%)

Choose the word or expressing whose meaning best represents the meaning of the underlined words in the following sentences.

- 1) When having a problem, it is best to dissect the situation then act.
(a) cut apart, (b) talk about, (c) ignore, (d) analyze, (e) discuss.
- 2) The policeman's countenance discouraged brawls.
(a) message, (b) presence, (c) expression, (d) strength, (e) uniform.
- 3) The scientist was able to evoke powerful emotions from her audience.
(a) sell, (b) calm, (c) call forth, (d) exaggerate, (e) sense.
- 4) The general tried to instill in his troops the hope of victory.
(a) infuse, (b) delay, (c) inscribe, (d) indict, (e) command.
- 5) The winning team of the World Series often has a jovial attitude.
(a) merry, (b) sad, (c) somber, (d) laborious, (e) strong.
- 6) Some Americans are offended if you show up at their door unannounced.
(a) disappointed, (b) happy, (c) insulted, (d) enjoyed, (e) frustrated.
- 7) The sanitary conditions of the hospitals were very good.
(a) working, (b) security, (c) air, (d) personnel, (e) hygienic.
- 8) The professor was consistent in the way he graded papers.
(a) not applying the same standard, (b) applying the same standard, (c) enjoying, (d) careful, (e) responsible.
- 9) In some religions, certain foods are believed to defile a person.
(a) cleanse, (b) make unclean, (c) purify, (d) bless, (e) glorify.
- 10) The police were accused of disregarding some evidence in their investigation of the crime.
(a) checking, (b) analyzing, (c) ignoring, (d) testing, (e) faking.

背面有試題
第 1 頁

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Use of English (25%)

Identify the errors in the following sentences.

1) According to the fire marshall's statistics, smoking cigarettes in bed are the cause of many tragic fires.

(a) marshall's, (b) statistics, (c) cigarettes in bed, (d) are, (e) no error.

2) Signs of decay that should be recognized by every citizen includes oil spills along the shoreline as well as the absence of wildlife.

(a) that should be, (b) includes, (c) shoreline, (d) absence, (e) no error.

3) Either Philip or Joe will always finish their trigonometry homework in class.

(a) Either, (b) will always, (c) finish, (d) their, (e) no error.

4) I am certain that the English scholarship winner will be hear.

(a) certain, (b) English scholarship, (c) will be, (d) hear, (e) no error.

5) Talking with my grandfather about World War II effected me more than I thought it would have.

(a) grandfather, (b) effected me, (c) than, (d) I thought it, (e) no error.

6) According to Aunt Grace, this kind of a sweater is the warmest for the winter months.

(a) Aunt Grace, (b) kind of a, (c) warmest, (d) winter months, (e) no error.

7) After the attack by the U-boat, the Lusitania sunk in eighteen minutes; over one thousand people drowned.

(a) U-boat, (b) sunk, (c) minutes, (d) drowned, (e) no error.

8) Some people say that compact discs offers a brighter treble and true base than conventional records.

(a) that, (b) offers, (c) true bass, (d) conventional, (e) no error.

9) I learned about the Roaring Twenties from my great-grandmother and he.

(a) learned, (b) Roaring Twenties, (c) great-grandmother, (d) he, (e) no error.

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10) Please write and tell my mother and I about your trip to San Francisco.

(a) write, (b) tell, (c) I, (d) San Francisco, (e) no error.

Reading (25%)

Read the following paragraphs and answer the questions.

Marie Curie was one of the most accomplished scientists in history. Together with her husband, Pierre, she discovered radium, an element widely used for treating cancer, and studied uranium and other radioactive substances. Pierre and Marie's amicable collaboration later helped to unlock the secrets of the atom.

Marie was born in 1867 in Warsaw, Poland, where her father was a professor of physics. At the early age, she displayed a brilliant mind and a blithe personality. Her great exuberance for learning prompted her to continue with her studies after high school. She became disgruntled, however, when she learned that the university in Warsaw was closed to women. Determined to receive a higher education, she defiantly left Poland and in 1891 entered the Sorbonne, a French university, where she earned her master's degree and doctorate in physics.

Marie was fortunate to have studied at the Sorbonne with some of the greatest scientists of her day, one of whom was Pierre Curie. Marie and Pierre were married in 1895 and spent many productive years working together in the physics laboratory. A short time after they discovered radium, Pierre was killed by a horse-drawn wagon in 1906. Marie was stunned by this horrible misfortune and endured heartbreaking anguish. Despondently she recalled their close relationship and the joy that they had shared in scientific research. The fact that she had two young daughters to raise by herself greatly increased her distress.

Curie's feeling of desolation finally began to fade when she was asked to succeed her husband as a physics professor at the Sorbonne. She was the first woman to be given a professorship at the world-famous university. In 1911 she received the Nobel Prize in chemistry for isolating radium. Although Marie Curie eventually suffered a fatal illness from her long exposure to radium, she never became disillusioned about her work. Regardless of the consequences, she had dedicated herself to science and to revealing the mysteries of the physical world.

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1) The Curies' ____ collaboration helped to unlock the secrets of the atom.

(a) friendly, (b) competitive, (c) courteous, (d) industrious, (e) chemistry.

2) Marie had a bright mind and a ____ personality.

(a) strong, (b) lighthearted, (c) humorous, (d) strange, (e) envious.

3) When she learned that she could not attend the university in Warsaw, she felt ____.

(a) hopeless, (b) annoyed, (c) depressed, (d) worried, (e) none of the above.

4) She went to a ____ university.

(a) Polish, (b) German, (c) British, (d) American, (e) French.

5) Marie ____ by leaving Poland and traveling to France to enter the Sorbonne.

(a) challenged authority, (b) showed intelligence, (c) behaved, (d) was distressed, (e) answer not available in article.

6) ____ she remembered their joy together.

(a) Dejectedly, (b) Worried, (c) Tearfully, (d) Happily, (e) Sorrowfully.

7) Her ____ began to fade when she returned to the Sorbonne to succeed her husband.

(a) misfortune, (b) anger, (c) wretchedness, (d) disappointment, (e) ambition.

8) Her husband was a professor of ____.

(a) chemistry, (b) biology, (c) applied physics, (d) physics, (e) mathematics.

9) Even though she became fatally ill from working with radium, Marie Curie was never ____.

(a) troubled, (b) worried, (c) disappointed, (d) sorrowful, (e) disturbed.

10) Marie was ____ by Pierre's death.

(a) worried, (b) mildly surprised, (c) shocked, (d) delighted, (e) pleasantly surprised.

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Composition (30%)

Write an essay with no more than 250 words on ONE of the following topics (Points will be deducted if it is shorter than 175 words or longer than 250 words.):

- (a) Why do I go back to school after all these years.
- (b) My family.
- (c) If I were the general manager in my company.
- (d) Things I want to do after my retirement.