

國立清華大學 106 學年度碩士班考試入學試題

系所班組別：動力機械工程學系碩士班 丙組

考試科目（代碼）：科技英文 (1402)

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*請在【答案卷、卡】作答

Time: 10:20 ~ 12:00 (100 minutes)

3 Sections

Section 1: 15 Questions, 2.5 points for each question

Section 2: 10 Questions, 4.0 points for each question

Section 3: 9 Questions, 2.5 points for each question

No points will be deducted for incorrect answers.

SECTION 1

15 Questions

Directions: Each sentence below has one or two blanks, each blank indicating that something has been omitted. Beneath the sentence are five lettered words or sets of words. Choose the answer for each blank that best fits the meaning of the sentence as a whole.

- “Hi John, do you have my homework?” “Yes, I have ___ right here.”
 - one
 - it
 - one homework
 - this
- Amy speaks _____.
 - correctly English and easily
 - a correct, easy English
 - English easily and correctly
 - English easily, with correctness
- Sound travels ___ air .
 - faster through water than through
 - faster than through water and
 - through water faster and
 - fast through water than through
- These students are surprised because they never get ___ good results before.
 - such
 - too
 - much
 - enough
- In the morning, some people like tea, ___ prefer coffee.
 - the other
 - others
 - another
 - another one
- “Do you want to go to a movie tonight? “No, I’d rather ___ TV at home.
 - watching
 - watch
 - to watch
 - in watching
- “We are going to attend an international conference,” “Do you know ___ ?”
 - how much cost the flight
 - how much does the flight cost
 - how much the flight costs
 - what does the flight cost
- “Here we are.” “The reason we are so late for class is ___.”
 - the car breaks down
 - due to the car breaking down
 - that the car broke down
 - because of the car breaking down

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*請在【答案卷、卡】作答

9. Boron is used ___ dope silicon to make N-type semiconductor.
(A) when
(B) in
(C) through
(D) to
10. Each of students ___ to turn in a final report.
(A) have
(B) need
(C) has
(D) was
11. We are ___ about the progress of the research project.
(A) excited
(B) exciting
(C) excite
(D) excites
12. The car was severely damaged in the accident, ___ to a huge repairing fee.
(A) lead
(B) leading
(C) leads
- (D) led
13. We cannot find out the difference ___ these two devices.
(A) for
(B) between
(C) to
(D) with
14. A team of electronic engineers ___ by Professor Wang has demonstrated a portable biosensor.
(A) led
(B) leads
(C) leading
(D) lead
15. A solar cell is designed to convert ___ into electric power.
(A) water
(B) wind
(C) gas
(D) sun light

SECTION 2

10 Questions

Directions: Each sentence below has one underlined word or phrase, followed by five lettered words. Choose the lettered word that is most equally in meaning to the underlined word or phrase.

16. The value of this house was assessed at five million dollars.
(A) assembled
(B) evaluated
(C) assured
(D) elevated
17. Cardiovascular diseases are the leading causes of morbidity and mortality in the world.
(A) death
(B) injury
(C) morality
(D) risk
18. He is diligent in his research works.
(A) lazy
(B) hard-working
(C) honest
(D) happy

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*請在【答案卷、卡】作答

19. John was disappointed about the outcome of his recent experiment.
- (A) discouraged
(B) distinguished
(C) distinct
(D) dissimilar
20. Many scientists debated the authenticity of the new theory.
- (A) appreciated
(B) enjoyed
(C) disputed
(D) disseminated
21. Informed consent should be obtained from all subjects before clinical trials.
- (A) consultant
(B) consuming
(C) denying
(D) permission
22. Travel expense will be reimbursed based on the receipts provided to the institute office.
- (A) imposed
(B) rebounded
(C) compensated
(D) exempted
23. The big city was very expensive; the weather was bad and the people weren't very friendly. Nonetheless, we will probably return.
- (A) At least
(B) Hitherto
(C) Nevertheless
(D) In the end
24. The student was excused from the class due to heavily ill.
- (A) exempted
(B) blamed
- (C) punished
(D) excluded
25. Smoking is prohibited in aircrafts.
- (A) probable
(B) forbidden
(C) forgiven
(D) forborne

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SECTION 3

9 Questions

Directions: Each sentence below has five underlined words, phrases, or punctuations. Pick the one that seems redundant in meaning or is incorrect.

26. We certainly appreciate him telling us about the delay in delivering the books because we had planned to study tomorrow.
(A) certainly
(B) him
(C) telling
(D) delivering
27. As automation replaces human power, the unemployment will be increasing unless more people would be given the training necessary for white-collar positions.
(A) increasing
(B) unless
(C) would be given
(D) necessary
28. Before he moved here, John had been president of the school since six years.
(A) Before
(B) moved
(C) been
(D) since
29. Neither John and Helen was able to finish the work by this Friday.
(A) and
(B) was
(C) to finish
(D) by
- (D) by
30. While he was away on a vacation, Steve allowed his friend use his car.
(A) While
(B) was
(C) his friend
(D) use
31. Mary said that she went to the shopping mall before coming home.
(A) that
(B) went
(C) to
(D) before coming
32. One of the most significant features of the object are the smooth surface.
(A) One
(B) most
(C) the
(D) are
33. The boy born in that hospital where the clinical trial was conducted.
(A) The
(B) born
(C) where
(D) was
34. The reason we conducted this study because it is important.
(A) The reason
(B) we
(C) it
(D) is