

102 年度管理類、工程類、船員類從業人員甄試試題
管理類及工程類：「類別五：高級工程師/工程類(職務層次第 8 層)」

科目：專業英文

1. 作答前須檢查答案卡、入場通知書號碼、桌角號碼、應試類別是否相符，如有不同應立即請監試人員處理。繳卷時，請將「答案卡」及「試題卷」一併繳回。
2. 第 1 至 50 題為單一選擇題，每題都有(A)(B)(C)(D)四個答案，請選出一個正確選項，標示於答案卡。每題答對得 2 分，答錯不倒扣。

1. About ____ percent of Earth's water is found in the Ocean.
(A) 97.5
(B) 71
(C) 67.4
(D) 30.1
2. The average depth of the ocean is about ____.
(A) 760 meters
(B) 3,700 meters
(C) 200 meters
(D) 1,200 meters
3. The term "salinity" refers to:
(A) the total amount of dissolved solids in the ocean.
(B) the total amount of sodium chloride dissolved in the ocean.
(C) the total amount of chlorine in one kilogram of water.
(D) the total amount of chloride ion in the water.
4. The most abundant gaseous components of the Earth's atmosphere are:
(A) carbon dioxide and oxygen.
(B) nitrogen and hydrogen.
(C) nitrogen and carbon dioxide.
(D) nitrogen and oxygen.
5. There are ____ main wind bands in each hemisphere of the Earth.
(A) 2
(B) 3
(C) 4
(D) 5

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6. The state of the atmosphere at a specific time and place is:
- (A) weather.
 - (B) winds.
 - (C) climate.
 - (D) global warming.
7. The ultimate source of most of the energy for ocean currents is:
- (A) weather.
 - (B) wind.
 - (C) the sun.
 - (D) the tides.
8. The only ocean current that continues in an uninterrupted circle around the circumference of the Earth without encountering land is the:
- (A) Gulf Stream.
 - (B) Kuroshio, or Japan, Current.
 - (C) Antarctic Circumpolar Current.
 - (D) Canary Current.
9. The densest water in ocean currents is the:
- (A) warmest and saltiest.
 - (B) coldest and saltiest.
 - (C) warmest and freshest.
 - (D) coldest and freshest.
10. The distance measured from trough to trough of a wave is:
- (A) the wavelength.
 - (B) the wave height.
 - (C) the wave period.
 - (D) the orbit.
11. The first waves to form on the ocean surface when the wind starts to blow are:
- (A) gravity waves.
 - (B) internal waves.
 - (C) swell.
 - (D) capillary waves.

12. Waves tend to be parallel to the shore when they break due to the process of:
- (A) diffraction.
 - (B) reflection.
 - (C) refraction.
 - (D) reaction.
13. Tsunami or seismic sea waves are generated by:
- (A) storms at sea.
 - (B) tidal currents in the open sea.
 - (C) breaking internal waves.
 - (D) coastal or submarine earthquakes.
14. In the open sea, tsunami reach an average wave height of about:
- (A) 1 meter.
 - (B) 10 meters.
 - (C) 100 meters.
 - (D) 1,000 meters.
15. Which body has the greatest influence on ocean tides?
- (A) Sun
 - (B) Moon
 - (C) Jupiter
 - (D) Venus
16. The longest of all ocean waves are called:
- (A) tsunami.
 - (B) tides.
 - (C) storm surge.
 - (D) wind wave.
17. A tide pattern of one high and one low each day describes a:
- (A) diurnal tide.
 - (B) mixed tide.
 - (C) solar tide.
 - (D) semidiurnal tide.

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18. The type of tide associated with the full and new moons are:
- (A) neap tides.
 - (B) spring tides.
 - (C) diurnal tides.
 - (D) tidal currents.
19. The origin of sea cliffs, sea stacks, sea caves, blowholes, and arches is related to:
- (A) longshore currents.
 - (B) high tides.
 - (C) human activities.
 - (D) erosion by waves.
20. If a beach is wide, gently sloping with fine sands, we would expect to see:
- (A) very heavy wave action.
 - (B) a beach facing into Arctic storms.
 - (C) generally small waves winter and summer.
 - (D) high-energy waves all year around.
21. A(n) _____ is a bridge of sediment that connects sea islands.
- (A) inlet.
 - (B) tombolo.
 - (C) estuary.
 - (D) delta.
22. The gas that comprises 72% of the greenhouse gases in our atmosphere is:
- (A) methane.
 - (B) oxygen.
 - (C) nitrous oxide.
 - (D) carbon dioxide.
23. The most dangerous threat to the marine environment, overall, is probably:
- (A) human overpopulation.
 - (B) refined oil spills.
 - (C) solid waste and synthetic pesticides.
 - (D) excessive greenhouse heating.

24. Piracy _____ the decline of Taiwan's music industries.

- (A) results in
- (B) brings down
- (C) leads
- (D) causes to

25. Young people are especially _____ to peer pressure.

- (A) supposed
- (B) entitled
- (C) susceptible
- (D) dependent

26. Advertisements for weight-loss programs all highlight success stories, while _____ failures.

- (A) uncovering
- (B) stressing
- (C) ignoring
- (D) disgusting

27. The new labor law concerning maternity leave has not _____ yet.

- (A) effective
- (B) come into effect
- (C) become efficient
- (D) affected

28. President Ma's suggest that English be made an official language in Taiwan _____ much discussion and debate.

- (A) stirring up
- (B) has generated
- (C) did aroused
- (D) have risen

29. The research institution plans to collaborate with foreign organizations _____ the technology of biological engineering.

- (A) to advance
- (B) upgrading
- (C) to improving
- (D) further

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30. The formula for Chinese domestic architecture was to build rooms around a central courtyard _____ light, air and a view of the outdoors to each room.

- (A) with which provided
- (B) it providing
- (C) where provided
- (D) which provided

31. Read the book and then pass it _____ to a friend.

- (A) off
- (B) by
- (C) on
- (D) in

32. The waitress asked the customer to keep _____ of the doorway, for it was the entrance to the kitchen.

- (A) clearly
- (B) clear
- (C) clearing
- (D) cleansed

33. Privacy is the right of individuals to determine for themselves when, how and _____ what extent information about them is to be communicated to others.

- (A) in
- (B) for
- (C) from
- (D) to

34. Some scholars argue that standardized tests do not provide an assessment of what we know so much _____ how well we take tests.

- (A) than
- (B) that
- (C) as
- (D) although

35. ____ their number grows from zero to thirty in three years, community universities in Taiwan are demanding legal status and more government funding.
- (A) Whenever
 - (B) With
 - (C) As
 - (D) Due to
36. The recent series of Star Wars films ____ made extensive use of digital computer images.
- (A) have
 - (B) has
 - (C) have been
 - (D) has been
37. Some psychologists believe that aggression, like other destructive behaviors, is a response to the ____ conditions of our experience in the world.
- (A) alienate
 - (B) alienated
 - (C) alienating
 - (D) alienation
38. The talk show hostess strove very hard to balance one guest's polemical views with ____.
- (A) another guests
 - (B) the other guests
 - (C) that of the other guests
 - (D) those of the other guests
39. The state-run Taiwan Sugar Corporation has diversified into biotechnology, land development and overseas investment in order to remain ____.
- (A) competitive
 - (B) revolution
 - (C) detached
 - (D) state-of-the-art
40. In reality, the ____ of winning the lottery are very small.
- (A) likelihood
 - (B) risk
 - (C) odds
 - (D) fortunes

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41. The concert was held in _____ of the victims in the 228 Incident.
- (A) virtue
 - (B) reputation
 - (C) memoirs
 - (D) honor
42. Given the current unemployment rate and difficulties of finding a job right after college, temporary jobs are a good _____.
- (A) client
 - (B) specification
 - (C) alternative
 - (D) compliment
43. The new law prohibits those under the age of 18 _____ viewing pornography and playing violent computer games in internet cafes.
- (A) by
 - (B) against
 - (C) from
 - (D) off
44. Taiwan _____ in the production of notebook computers, monitors, motherboards and scanners, supplying over one-half of the world's market.
- (A) numbers one
 - (B) first rates
 - (C) tops
 - (D) ranks first
45. The accused pleaded not guilty to the charge of murder, but he was not able to offer a credible _____.
- (A) fable
 - (B) alibi
 - (C) moral
 - (D) monopoly
46. Maintaining water supplies _____ a top priority in Taiwan right now.
- (A) are
 - (B) is
 - (C) have been
 - (D) has

47. Taiwan is currently home to ten automobile manufacturers, the majority ____ have contractual joint ventures with foreign makers, mostly from Japan.

- (A) they
- (B) of which
- (C) whose
- (D) in that

48. ____ series of famous cartoons have been turned into movies lately, Spider-Man being one of them.

- (A) A
- (B) Any
- (C) The
- (D) No

49. Just north of Taipei ____ Yangmingshan National Park.

- (A) lays
- (B) lies
- (C) lain
- (D) laid

50. Judging from these letters, Van Gogh ____ the decision to turn his back on preaching and to make his living as an artist as early as 1879.

- (A) must make
- (B) must have made
- (C) must be made
- (D) has had made

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