

國立成功大學

111學年度碩士班招生考試試題

編 號： 228

系 所： 會計學系

科 目： 管理資訊系統

日 期： 0220

節 次： 第 3 節

備 註： 不可使用計算機

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第 1 頁，共 2 頁

※ 考生請注意：本試題不可使用計算機。請於答案卷(卡)作答，於本試題紙上作答者，不予計分。

一、選擇題（60 分，每題 4 分）

1. A force in the environment to which businesses must respond and that influences the direction of the business is called a business
A. driver
B. matrix
C. process
D. threat
2. What does K in K-means refer to?
A. Number of nearest neighbors
B. Number of clusters
C. Number of trees
D. Number of iterations
3. In a multinational business strategy, the _____ business function is decentralized, dispersed to foreign units.
A. strategic management
B. human resources
C. production
D. finance/accounting
4. Which of the following is not a property of a blockchain?
A. Immutability
B. Decentralization
C. Trust machine
D. None of the above
5. In text mining, TFIDF is used to reflect _____ in a collection or corpus?
A. how often a document is being retrieved
B. how important a word is to a document
C. how similar a document is to other documents
D. none of the above

6. Which of the following is not an immediate consequence of inadequate project management?
- A. organizational conflict
 - B. cost overruns
 - C. technical shortfalls
 - D. time slippage
7. Which of the following cloud computing models is used by Microsoft Office 365?
- A. IaaS
 - B. PaaS
 - C. SaaS
 - D. FaaS
8. Which of the following is not a machine learning approach?
- A. supervised learning
 - B. unsupervised learning
 - C. reinforcement learning
 - D. technical learning
9. The _____ consists of systems analysts, specialists from the relevant end-user business areas, application programmers, and perhaps database specialists.
- A. project management group
 - B. IS steering committee
 - C. project team
 - D. corporate strategic planning committee
10. Compared to the use of proprietary components, Web services promise to be less expensive and less difficult to implement because of
- A. the ability to reuse Web services components.
 - B. the ubiquity of the Internet.
 - C. their ability to integrate seamlessly with legacy systems.
 - D. the use of universal standards.
11. _____ development focuses on rapid delivery of working software by breaking a large project into a series of small sub-projects that are completed in short periods of time using iteration and continuous feedback.
- A. Object-oriented
 - B. Agile

- C. Rapid application
 - D. Joint application
12. Measures defined by management and used to internally evaluate the success of a firm's financial, business process, customer, and learning and growth are called
- A. BPM.
 - B. the balanced scorecard method.
 - C. Benchmarks.
 - D. KPIs.
13. A(n) _____ is a connection between computers or between computer programs.
- A. chatbot
 - B. application programming interface
 - C. computer worm
 - D. none of the above
14. Genetic algorithms
- A. are based on logic.
 - B. develop solutions to particular problems using fitness, crossover, and mutation.
 - C. represent knowledge as groups of characteristics.
 - D. do not work for most problems.
15. _____ is an open standard file format and data interchange format that uses human-readable text to store and transmit data objects consisting of attribute-value pairs and arrays (or other serializable values).
- A. JavaScript
 - B. Python
 - C. R
 - D. JSON
- 二、問答題 (40 分)
1. Explain each of the following terms. (25)
- A. edge computing
 - B. business ecosystem
 - C. GDPR
 - D. Non-fungible token (NFT)
 - E. public key cryptography
2. Describe each of the three cloud computing models, namely, SaaS, PaaS, and IaaS. (15)