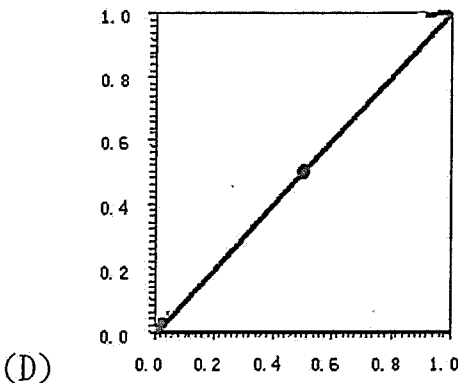# 國立成功大學

112學年度碩士班招生考試試題

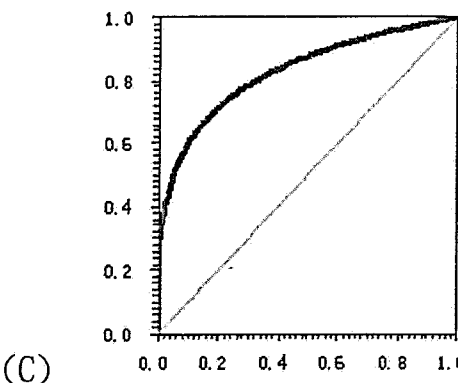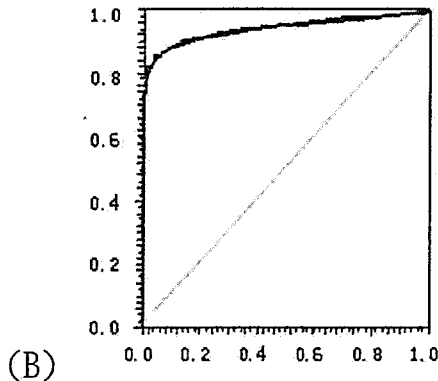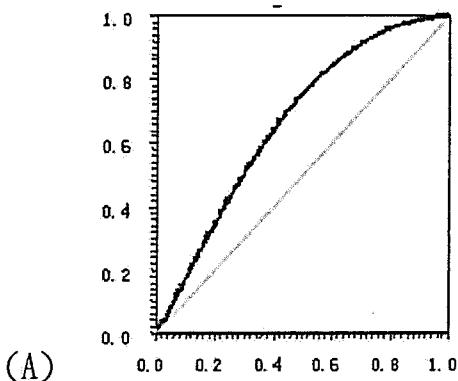編　號：227

系　所：會計學系

科　目：管理資訊系統

日　期：0207

節　次：第 3 節

備　註：不可使用計算機

※ 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(每題5分)

1. 在比較不同的分類模型(classification model)時，可以將每個模型的 ROC 曲線都畫出來，比較曲線下面積(AUC)做為模型優劣的指標，請問下面哪個預測模型表現最好？

(A)　　　　　　　　　　　　　　　(B)

(C)　　　　　　　　　　　　　　　(D)

2. 在近幾年會計領域研究者發現，較為自戀的公司執行長傾向從 non-GAAP 的盈餘調整項目中排除收入減少項目，以美化公司財務資訊。公司執行長與美化財務資訊這兩者是_____關係

(A)並列

(B)相關連

(C)因果

(D)都沒關係

3. Which of the following companies is a global leader in artificial intelligence hardware and software?

(A) Meta

(B) Netflix

(C) Nvidia

(D)Nove of the above.

4. Senior managers typically make _____ decisions.

(A) unstructured

(B) semi-structured

(C) structured

(D) None of the above.

5. All of the following are classical functions of managers except

(A) planning

(B) meditating

(C) organizing

(D) deciding.

6. _____ is a collection of open-source software utilities that facilitates using a network of many computers to solve problems involving massive amounts of data and computation.

(A) GitHub

(B) SourceForge

(C) Hadoop

(D) None of the above

7. All of the following are common functions of business intelligence technologies except

(A) online analytical processing

(B) data mining

(C) reporting

(D) parallel processing

8. Which of the following is *not* one of the main problems with a traditional file environment?

(A) program-data independence

(B) lack of flexibility in creating ad-hoc reports

(C) poor security

(D) data inconsistency

9. Which of the following platforms is primarily used for professional networking and career development, and allows job seekers to post their CVs and employers to post jobs?

(A) Facebook

(B) Instagram

(C) LinkedIn

(D) WhatsApp

10. Duplicate data in multiple data files is called data _____.

(A) independence

(B) repetition

(C) partitions

(D) redundancy

11. Hardware and software that attempts to emulate the processing patterns of the biological brain best describes

(A) fuzzy logic.

(B) an expert system.

(C) a neural network.

(D) case-based reasoning.

12. Which of the following techniques is used for knowledge discovery?

(A) case-based reasoning

(B) transaction processing systems

(C) data mining

(D) expert system

13. 下列哪種學習是根據下列的方式：人類在進行決策時，常常會根據目前「環境」(environment) 的「狀態」(state)　執行「動作」(action)，執行動作會造成兩個結果：一是人們會得到「環境」給我們的回饋，也就是人類會得到「報酬」(reward)，接著我們所執行的動作也會去改變「環境」，使得「環境」進入到一個新的「狀態」。一般人會根據「環境」給予的「報酬」，修正自己執行的「策略」，試圖極大化自己的「長期報酬」。

(A) 監督式區隔(Supervised segmentation)

(B) 非監督式區隔 (Unsupervised segmentation)

(C) 半監督學習（Semi-supervised learning）

(D) 增強學習（Reinforcement learning）

14. Virtual reality systems

(A) allow groups to work together on documents.

(B) provide engineers, designers, and factory managers with precise control over industrial design

and manufacturing.

(C) provide architects, engineers, and medical workers with precise, photorealistic simulations of objects.

(D) provide an important source of expertise for organizations.

15. Which of the following is used by Google to serve relevant information in an infobox beside its search results?

(A) decision support system

(B) knowledge graph

(C) expert system

(D) None of the above

二、 問答題

Please explain each of the following terms: (25分)

(A) machine learning

(B) business model

(C) DevOps

(D) GitHub

(E) Kaggle