National College of Ireland

BA (Hons) in Accounting (BAHACC1)
BA (Hons) in Financial Services (BAHFINS1)
BA (Hons) in Human Resource Management (BAHHRD1)
Year 1

Semester 2 Examinations – 2006/2007

Saturday 5thMay 2007
2.00pm – 4.00pm

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Business Information Systems

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Answer Question 1 <u>AND</u> any THREE questions from questions 2, 3 4 and 5

Duration of exam: 2 hours

You should answer **only the required numbe**r of questions.
If you answer **more** than the required number of questions you should **cancel** (put a line through) the question(s) you do not want marked. If you do not cancel extra questions, the examiner will mark the questions **in the order presented** in your answer book until the required number of questions have been marked.

1.   **ANSWER THE FOLLOWING MULTIPLE CHOICE QUESTIONS (40%)**

1.   Which of the following are component parts of a database?
     (a) System
     (b) Information
     (c) Field
     (d) Resource

2.   When talking face to face to another person, the speech signal is:
     (a) Converted
     (b) Analogue
     (c) Natural
     (d) Broadband

3.   Computer storage capacity is measured in
     (a) Bits
     (b) Bytes
     (c) Processing power
     (d) Speed

4.   Which of the following is not an operating system?
     (a) Microsoft Windows
     (b) Linux
     (c) Microsoft Office
     (d) Lotus Notes

5.   A system whereby suppliers can log onto a company network to perform certain functions is called a(n)
     (a) Intranet
     (b) Extranet
     (c) Outsourced environment

6.   The address of a website as keyed in to a browser is called a:
     (a) Network point
     (b) URL
     (c) Verified Location
     (d) PRF

7.   When digitising analogue signals, an increased sampling rate leads to:
     (a) Higher quality
     (b) Lower Quality
     (c) No difference in quality

P.T.O.

8. Which of the following is designed to enhance the security of a network?
   (a) Modem
   (b) USB Port
   (c) Firewall
   (d) (ASW) Antihack System Watch

9. A person accused of possession of illegal material on a computer will sometimes offer as a defence the suggestion that his or her computer was infected with a:
   (a) Virus
   (b) Trojan
   (c) Spyware
   (d) Sublimaton System

10. Unwanted browser popups are most likely to be caused by:
    (a) Virus
    (b) Trojan
    (c) Spyware

11. A system setup to attract attacks is called a:
    (a) Candy shop
    (b) Lagoon
    (c) Honey pot

12. The opposite of circuit switched is:
    (a) Indirect switched
    (b) Circuit orientated
    (c) Packet Switched
    (d) Ether based

13. If it takes about 2.5 hours to download a large video file via broadband, how long will it take to download via narrowband (approx)
    (a) 5 hours
    (b) 10 hours
    (c) 25 hours
    (d) 2.5 days

14. Which of the following is NOT primarily supported by an MIS?
    (a) Tactical Decision
    (b) Operational Decision
    (c) Strategic decision

P.T.O.

15. Which type of system combines the properties of an MIS, OAS and DSS?
    (a) FQS
    (b) PPS
    (c) ERPS
    (d) TDS

16. Which of the following I not a typical web service?
    (a) Blog
    (b) Wiki
    (c) Mp3
    (d) Forum

17. A DSS is appropriate to which level of management:
    (a) Top management
    (b) Middle management
    (c) Lower management

18. A preliminary medical diagnosis would be made by a(n)
    (a) OAS
    (b) Expert System
    (c) TPS
    (d) ERPS

19. The legal person who controls and is responsible for the keeping and use of personal information on computer is known as a
    (a) Data protector
    (b) Data controller
    (c) Data keeper

20. Management Information systems usually
    (a) Help managers make decisions that are unique, rapidly changing, and no easily specified in advance
    (b) Perform and record the daily routine transactions necessary to conduct a business
    (c) Serve managers interested in weekly, monthly and yearly results, not day to day activities
    (d) Provide managers with a generalised computing and telecommunication capacity that can be applied to a changing array of problems

21. Information systems can facilitate supply change management by
    (a) Rapidly communicating orders
    (b) Providing product specifications
    (c) Tracking the status of orders
    (d) Doing all of the above

P.T.O.

22. Specialists who convert business problems and requirements into information requirements and systems are called:
    (a) Chief information officer
    (b) Network administrator
    (c) Project manager
    (d) Systems analyst

23. SPAM is primarily a form of
    (a) Email marketing
    (b) Database marketing
    (c) Permission marketing

24. SKYPE provides
    (a) Internet access
    (b) Email services
    (c) Internet Telephony

25. Microsofts earliest product was software known as qdos, which stood for "quick and dirty operating system". This was later shortened to DOS and stood for:
    (a) Dirty Operating System
    (b) Designated Operating System
    (c) Disk Operating System

26. The Blackberry is an example of a:
    (a) Smartphone
    (b) NetPC
    (c) Handheld billing device

27. Tacit knowledge relates to
    (a) Unconscious Ignorance
    (b) Conscious knowledge
    (c) Unconcious knowledge

28. DRM stands for
    (a) Delayed Random Motion
    (b) Digital Relay Mandate
    (c) Digital Rights Management

P.T.O.

ANSWER ANY THREE OF THE FOLLOWING:

2.   There are three types of software which a company may acquire:

Package, Bespoke and ASP.

State what each type consists of and where it is typically used.

20%

3.   List five of the main considerations involved in ensuring the successful outsourcing of an IS project, and give a brief description of each.

20%

4.   Define Knowledge Management and state how the stages of learning relate to Explicit and Tacit knowledge. Describe briefly the purpose of a KM program in an organization.

20%

5.   State the benefits and characteristics of Groupware. Name two commercially available Groupware products

20%

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