| **Course No:** IGGC1102 **Course Title:** Information system technology **Date:** 15/01/2011 **No. of Questions:** 4 **Time:** 2hours **Using Calculator (No)** | **University of Palestine** UP **Final Exam** **1ˢᵗ semester 2010/2011** **Total Grade:** | **Instructor Name:** Yasmin Kh. A-lbobo **Student No.:** _____ **Student Name:** _____ **College Name:** _____ **Dep. / Specialist:** _____ **Using Dictionary (No)** |

| **First Question** | **No. of Branches (30)** | **(30/60)** |

A. Chose the correct answer then put the right answer in the table below :

1. **Which company is not considered to be a provider of database management software?**
   A: IBM
   B: Microsoft
   C: Lotus
   D**:** Symantec

2. **The _____ allows a user specifies his/her request for data or instructions.**
   A: paging process
   B: multitasking process
   C: virtual memory process
   D**:** logical view

3. **Which languages provide the most direct control over the computer hardware? As a result, they are used when programmers wish to maximize the performance of the program.**
   A: machine and assembly languages
   B: object-oriented languages
   C: end-user programming languages
   D: fifth generation languages

4. **_____ enables their users to improve their personal effectiveness, increasing the amount of work they can do and its quality.**
   A: Utility software
   B: Systems software
   C: Operating system software
   D: Personal productivity software

5. **The most widely used database model is the ____ model.**
   A: enterprise
   B: hierarchical
   C: network
   D: relational

6. **In the relational data model, each row of the table represents a ____.**
   A: data attribute
   B: data entity
   C: primary key
   D: relationship

7. **A(n) ____ is a data modeling technique that uses basic graphical symbols to show the organization of and relationships between data.**
   A: enterprise data modeling
   B: entity-relationship diagram
   C: hierarchical model
   D: data flow diagram

8. **The repetition of data in separate files is known as ____.**
   A: data integrity
   B: program-data dependence
   C: data redundancy
   D: data independence

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9. **____ is the process of capturing a company's collective expertise wherever it resides and distributing it wherever it can help produce the biggest payoff.**
   A: competitive intelligence
   B: counterintelligence
   C: knowledge management
   D: business intelligence

10. **In the relational data model, the columns of the table represent ____.**
    A: domains
    B: entities
    C: attributes

11. **In a(n) _____ model, data is organized in a top-down, or inverted tree, structure.**
    A: hierarchical
    B: network
    C: relational
    D: enterprise

12. **A situation where programs and data developed and organized for one application are incompatible with programs and data organized differently for another application is called ____.**
    A: data redundancy
    B: program-data dependence
    C: the traditional approach to data management
    D: data integrity

13. **A generalized class of people, places, or things (objects) for which data is collected, stored, and maintained is called a(n) ____.**
    A: filed
    B: record
    C: entity
    D: attribute

14. **The set of conventions used to pass packets of data from one host computer to another on the Internet is called the ____.**
    A: telnet
    B: Internet protocol (IP)
    C: the seven-layer OSI model
    D: uniform resource locator (URL)

15. **A ____ is software that creates a unique, hypermedia-based menu on your computer screen, which provides a graphical interface to the Web.**
    A: CSS
    B: Java program
    C: Web browser
    D: search engine

16. **What Internet service enables two or more people to engage in on-line, interactive "conversation?"**
    A: Usenet
    B: Newsgroups
    C: Content streaming
    D: Chat rooms

17. **Hypertext documents allow users to access topics in whatever order they wish. This is opposed to a regular document that you read linearly. The hypertext links among these pages are maintained using ____.**

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A: Web browsers
B: applets
C: URLs
D: hypermedia

18. **The _____ is used as a standard way to designate where Internet elements such as servers, documents, newsgroups, etc. can be found.**
    A: seven-layer OSI model
    B: TCP/IP
    C: URL
    D: e-mail address

19. **A(n) _____ submits keywords to several individual search engines and returns the results from all search engines queried.**
    A: Web browser
    B: search engine
    C: meta-search engine
    D: applet

20. **A _____ is a device that sits between your internal network and the Internet and limits access into and out of your network based on your organization's access policy.**
    A: firewall
    B: virtual private network
    C: router
    D: tunnel

21. **A(n)_____ is a network that links selected resources of a company's intranet with its customers, suppliers, or other business partners. It is built on Web technologies.**
    A: internet
    B: extranet
    C: WAN
    D: VPN

22. **Although all systems should support business goals, some systems are more pivotal in continued operations and goal attainment than others. These systems are called _____.**
    A: strategic systems
    B: critical success factors
    C: mission-critical systems
    D: competitive advantage systems

23. **Effective systems development requires a team effort. Which of the following groups of people are not usually members of such a team?**
    A: system users
    B: managers
    C: support personnel
    D: stockholders

24. **The extent to which a system performs as desired can be measured through its _____.**
    A: critical success factors
    B: mission-critical factors
    C: performance objectives
    D: operational results

25. **Which of the following is not a performance objective?**
    A: the quality and usefulness of the output

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B: the speed at which the output is generated

C: the accuracy of the output

D: the ongoing operating costs of the system

26. ____ **describes any systems development project in which the primary effort is undertaken by a combination of business managers and users.**

    A: RAD

    B: End-user systems development

    C: Prototyping

    D: Trial-and-error systems development

27. **Which of the following is NOT a reason why companies have turned to outsourcing?**

    A: to reduce costs

    B: to obtain state-of-the-art technology

    C: to eliminate staffing and personnel problems

    D: to enable skilled and experienced workers to leave the company with minimal impact

28. **A(n) ____ is a professional who specializes in analyzing and designing business systems.**

    A: systems manager

    B: analyst/programmer

    C: project manager

    D: systems analyst

29. ____ **are important because they allow an organization to allocate resources effectively and efficiently and to measure the success of a systems development effort.**

    A: Performance objectives

    B: Cost objectives

    C: System development objectives

    D: Critical success factors

30. **The ____ takes the plans for a new system and builds or modifies the necessary software.**

    A: systems analyst

    B: software engineer

    C: programmer

    D: project manager

1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
11	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**
21	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**

Second Question	**No. of Branches (5)**	**(10/60)**

Answer the following question

1. **If you want to analyze a system their is three steps to plant for it ,list Information Systems Planning**

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2. List the functions of operating system?

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3. List Data Models

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4. List the functions of Database Management Systems (DBMSs)

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5. List the Data Dictionary Benefits

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Third Question	No. of Branches (6)	(12/60)

1. **Compare between internal Sources and external Sources of Data in system analyses for Identifying Sources of Data?**

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2. **Compare between Time-sharing and Multitasking?**

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3. **Compare between Collecting Data and Data Analysis in system analyses?**

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4. **Compare between Hierarchical database models and Network database models?**

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5. **Compare between Intranet and Extranet networks?**

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6. **List Electronic Commerce types?**

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Fourth Question	**No. of Branches (8)**	**(8 /60)**

Define the following:

1. **Application Flowcharts**

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2. **Internet technology**

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3. **Multitasking**

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4. **Documentation**

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5. **Entity**

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6. **E-commerce**

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7. **Filed**

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8. **Record**

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Good Luck