



**Institute of Certified Management Accountants of Sri Lanka
Operational Level
May 2013 Examination**

Examination Date : 18th May 2013 **Number of Pages :** 05
Examination Time: 9.00 a.m. – 9.45 a.m. / **Number of Questions:** 30
12.30 p.m. – 1.15 p.m.

Instructions to Candidates

1. Time allowed is **45 minutes**.
2. Total: **30** Marks.
3. Candidates are required to answer **all** questions **online**.
4. The answers should be in **English Language**.

Subject	Subject Code
Information Technology Applications	(ITA / SK 3 - 206)

Theory Paper

Select the most suitable word / phrase to fill the blank or most correct answer for the question asked.

- (1) Professor Charles Babbage designs a
 - (a) Difference Engine.
 - (b) Difference Electronic.
 - (c) Difference Processor.
 - (d) Difference Computer.

- (2) ENIAC meaning
 - (a) Electronic Numerical Input and Computer.
 - (b) Electronic Numerical Integrator and Communication.
 - (c) Electronic Numerical Integrator and Computer.
 - (d) Electronic Numerical Integrator.

- (3) Use Organization day to day activity; Planning, Controlling, Decision-making, Measuring performance, Improving specific areas are.
 - (a) Illustrates uses of Input information.
 - (b) Illustrates major uses of information.
 - (c) Illustrates major uses of Data.
 - (d) None of the above.

- (4) Accurate, Relevant, Up-to-date, Timely, Simple, Economical, Reliable
 - (a) They are characteristics of good information.
 - (b) They are characteristics of good Data.
 - (c) They are characteristics of good Communication.
 - (d) Measuring performance.

- (5) IBM, Hewlett-Packard, and Sun Microsystems are
- (a) Makers of popular midrange Computer systems.
 - (b) Makers of popular midrange Engine.
 - (c) Makers of popular midrange Processor.
 - (d) Makers of popular midrange Information System.
- (6) Example of the programming languages
- (a) C, C++, Linux
 - (b) Linux, Unix, C#
 - (c) C, C++, C#
 - (d) None of the above
- (7) Example of the Web programming languages
- (a) HTML, XHTML, CSS, JavaScript
 - (b) HTML, CHTML, CSS, JavaScript
 - (c) HTML, VHTML, CSS, JavaScript
 - (d) HTML, WHTML, CSS, JavaScript
- (8) DBMS meaning
- (a) Data Business Management System.
 - (b) Data Base Management System.
 - (c) Dbase Management System.
 - (d) Data Base Manipulation System.
- (9) What are the fundamental of the data base structures?
- (a) Relational, Object Oriented, Multi dimensional model, Hierarchical, Database Structure.
 - (b) Relational, Network, Multi dimensional model, Hierarchical, Database Structure.
 - (c) Relational, Object Oriented, Multi dimensional model, Hierarchical, Network.
 - (d) Relational, Object Oriented, Hierarchical, Database Structure.
- (10) Database lifecycle which consists of five major stages. What are they?
- (a) Planning, Analysis, Design/Development, Implementation, Maintenance.
 - (b) Planning, Analysis, Design/Development, Implementation, User training.
 - (c) Planning, Analysis, Design/Development, Implementation, Test.
 - (d) Planning, Analysis, Development, Implementation, Maintenance.
- (11) What is Data Resource Management?
- (a) The development of information in order to allow different system to share data.
 - (b) The development of data model in order to allow different system to share data.
 - (c) The development of information System different system to share data.
 - (d) None of the above
- (12) There are several types of cards which are read using readers. Examples of such cards include
- (a) Magnetic stripe cards, smart cards, and optical cards.
 - (b) ATM Card.
 - (c) Credit card, ATM card.
 - (d) Mobile shim card.

- (13) What are the types of Databases?
- (a) Operational Database, Customer Database, Inventory Database.
 - (b) Operational Database, Distributed Database, External Database, Hypermedia Database.
 - (c) DDBMS, DBMS, World Wide Web database.
 - (d) None of the above
- (14) Disadvantage of Traditional File Processing system.
- (a) Less security, Less Integrity, high complexity in updating of database.
 - (b) No need of External storage, Less security, Less Integrity.
 - (c) Less security, Less Integrity, No need technical person.
 - (d) None of the above
- (15) Examples of telecommunications networks are
- (a) LAN, MAN, WAN.
 - (b) Internet, Intranet, Extranet.
 - (c) Computer Network, Internet, telephone network.
 - (d) Internet, LAN, WAN.
- (16) _____ is a network of network, joining many government, University and private computers together and providing an infrastructure for the use of e-mail, bulletin boards, file archives, hypertext documents, database and other computational resources.
- (a) LAN
 - (b) Extranet
 - (c) Intranet
 - (d) Internet
- (17) Example of the guided media.
- (a) Twisted Pair Cable, Co-axial Cable, Fiber optic Cable
 - (b) Twisted Pair Cable, Co-axial Cable, Satellite Cable
 - (c) Satellite Cable, Co-axial Cable, Fibre optic Cable
 - (d) Twisted Pair Cable, Satellite Cable, Fibre optic Cable
- (18) _____ is a modulate a digital signal into an analog signal for transmission via analog medium, and then demodulate the signal into digital for receiving.
- (a) Modem
 - (b) Switches
 - (c) Routers
 - (d) Hub
- (19) Press Ctrl + ; after that display (Excel)
- (a) Current Time.
 - (b) Current Path.
 - (c) Current Date.
 - (d) Current Program name.
- (20) Press Esc key after that (Excel).
- (a) Cancels the current date entry
 - (b) Cancels the current data entry
 - (c) Cancels the active entry
 - (d) Cancels the Program

- (21) To all negative numbers to be displayed in red, you would select the option illustrate
- ###.00[Red]
 - [Red]###.00
 - #,##0_);[Red]#,##0
 - #,##0_): [red]#,##0
- (22) Edit the worksheet cell Press
- F2
 - F1
 - F4
 - F7
- (23) Your create table & Input Mask properties set the **00000000L** way. When you begin to enter what type data in this field. Select correct example
- 69784521V
 - 693024929V
 - 6930458532 V
 - 6965825V
- (24) Text, Memo, Number, Date/Time, Currency, AutoNumber, Yes/No, OLE Object, Hyperlink are
- Database
 - Data table Management
 - Data Type
 - Data label Management
- (25) There are two methods for entering data into the database. What are they?
- Keyboard and Mouse
 - Keyboard and Barcode reader
 - Keyboard and Touch screen
 - Data sheet view method and Form view method
- (26) Network communication media can be divided into two categories what are they?
- Guided media and unguided media.
 - Guided media and Wire media.
 - Wireless media and Microwave media.
 - None of the above.
- (27) What is Bandwidth?
- Giga bits per second.
 - Kilo bits per second.
 - The amount of information that can be passed through a communications channel in a given amount of time.
 - Bits per second.
- (28) Example of the Guided media
- Fiber Optic Cable, Twisted Pair Cables, Two core cable.
 - Coaxial Cable, Twisted Pair Cables, Fiber Optic Cable.
 - Unshielded Twisted Pair Cable, Two core cable.
 - Coaxial Cable, Fiber Optic Cable, Two core cable.

- (29) What are computer networks categorized based on different Geographical Area?
- (a) PAN, LAN, MAN, WAN
 - (b) Internet, Intranet, Extranet
 - (c) Bus Topology, Star Topology, Tree Topology
 - (d) PAN, CAN, GAN, Internet
- (30) Briefly describe the Star Topology
- (a) Network has a central node that connects each of the other nodes by a single, point-to-point link.
 - (b) Nodes are arranged along a single length of cable that can be extended at the ends.
 - (c) Combines characteristics of linear bus and star topologies.
 - (d) Topology in which each of the nodes of the networks is connected to two other nodes in the network.

(30 × 1 Mark = Total 30 Marks)

End of Theory Paper
