# The Institute of Corporate Secretaries of Pakistan
## C.I.S. Examinations January 2015
## Information Technology (122)

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|---|---|
| **Module – A** | **January 2015** |
| **Group – II** | **Time allowed: 3 Hours** |
| **Instructions: Attempt all questions** | **Max. Marks : 100** |

| SECTION – 1 | MULTIPLE CHOICE QUESTIONS | Marks |
|---|---|---|

**Q1.** **Choose the correct answer.** **(30)**

1. One of the most important factors effecting the speed and power of a computer is:
   - a. RAM
   - b. ROM
   - c. GHz
   - d. LED

2. Teleconferencing in which participants see each other over video screens called:
   - a. Windows NT
   - b. Telecommunication
   - c. Video Conferencing
   - d. Data

3. Interrelated components working together to collect, process, store and disseminate information to support decision making, coordination, control, analysis and visualization in an organization known as:
   - a. Standard Operating Procedure
   - b. Information System
   - c. Electronic Payment
   - d. OS/2

4. Data that have been shaped into a form that is meaningful and useful to human beings called:
   - a. Data
   - b. Input
   - c. Information
   - d. Low Level Language

5. The capture or collection of raw data known as:
   - a. Data
   - b. Input
   - c. Information
   - d. Low Level Language

6. Information systems that rely on computer hardware and software for processing and disseminating information known as:
   - a. Computer-Based Information System
   - b. Telecommunication
   - c. Machine Language
   - d. IT infrastructure

7. A discrete wave form that transmits data coded into two discrete states as 1-bits and 0-bits, which are represented as on-off electrical pulses; used for data communications called:
   - a. Telecommunication
   - b. Digital Signals
   - c. Input
   - d. MIS

8. Formal rules for accomplishing tasks that have been developed to cope with expected situation in an organization, called:
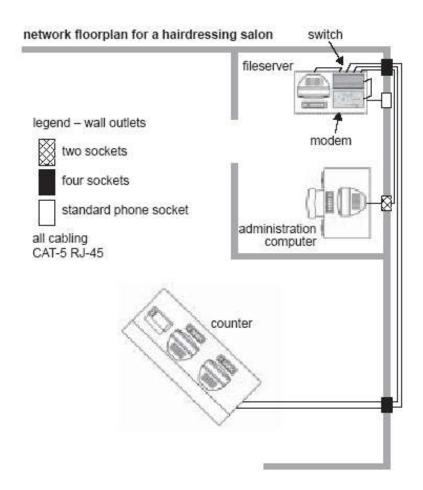   - a. Compiler
   - b. MIS

c. Standard Operating Procedures      d. Input

9. Physical equipment used for input, processing, and output activities in an information system called:
   a. Compiler
   b. Input
   c. Computer Hardware
   d. Input Devices

10. Specialists who translate business problems and requirements into information requirements and systems, acting as liaisons between the information department and the rest of the organization called:
    a. System Analyst
    b. Telecommunication
    c. Machine Language
    d. IT infrastructure

11. A system with universally accepted standards for storing, retrieving, formatting and displaying information in a networked environment called:
    a. Management Information System
    b. Telecommunication
    c. Video Conferencing
    d. Data

12. A business management system that integrates all facets of the business including planning, manufacturing, sales and finance so that they can become more coordinated by sharing information with each other known as:
    a. Enterprise Resource Planning
    b. Telecommunication
    c. Video Conferencing
    d. Data

13. Output that is returned to the appropriate members of the organization to help them evaluate or correct input known as:
    a. System Analyst
    b. Feed Back
    c. Machine Language
    d. IT infrastructure

14. Detailed programmed instructions that control and coordinate the work of computer hardware components in an information system called:
    a. Compiler
    b. Operating System
    c. Computer Hardware
    d. Input Device

15. The use of digital technologies such as electronic funds transfer, credit cards, smart cards, debit cards and internet-based payment systems to pay for products and services electronically called:
    a. Standard Operating Procedure
    b. Electronic Payment System
    c. Input
    d. OS/2

16. The communications of information by electronic means, usually over some distance called:
    a. Enterprise Resource Planning
    b. Telecommunication
    c. Video Conferencing
    d. Data

17. Computer hardware, software, data, storage technology and networks providing a platform of shared information technology resources for the organization called:
    a. System Analyst
    b. Feed Back
    c. Machine Language
    d. IT infrastructure

18. A continuous waveform that passes through a communication medium; used for voice communication called:
    a. Telecommunication
    b. Analog Signals
    c. Input
    d. MIS

19. Highly trained technical specialists who write computer software instruction known as:
    a. System Analyst
    b. Feed Back
    c. Programmer
    d. IT infrastructure

20. Very large scale integrated circuits technology that integrates the computer's memory, logic and control on a single chip called:
    a. Enterprise Resource Planning
    b. Telecommunication
    c. Microprocessor
    d. Data

21. A secure connection between two points across the internet to transmit corporate data provides a low-cost alternative to a private network known as:
    a. Standard Operating Procedure
    b. Electronic Payment System
    c. Virtual Private Network
    d. OS/2

22. The process of creating small stable data structures from complex groups of data when designing a relational database called:
    a. RAM
    b. ROM
    c. Normalization
    d. System Analysis.

23. A tool for locating specific sites or information on the internet called:
    a. Compiler
    b. MIS
    c. Standard Operating Procedures
    d. Search Engine

24. High Level Language is more like:
    a. System Analyst
    b. Human Language
    c. Programmer
    d. IT infrastructure

25. MS-Word is good example of:
    a. Standard Operating Procedure
    b. Information System
    c. Electronic Payment
    d. Application Software

26. _____ is used in computer networking.
    a. RAM
    b. ROM
    c. Switch
    d. System Analysis

27. Secondary storage is:
    a. Non-Volatile
    b. Input
    c. Information
    d. Low Level Language

28. Assembly is good example of:
    a. Data
    b. Input
    c. Information
    d. Low Level Language

29. Operating system is also known as:
    a.  Enterprise Resource Planning        c.  Video Conferencing
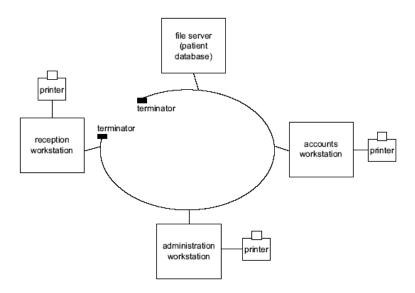    b.  Telecommunication                  d.  System Software

30. The combination of Digital and Analog computer is _____ computer.
    a.  Hybrid                           c.  Electronic Payment
    b.  Information System            d.  Application Software

**Q2.**    The diagram below shows the layout for a computer network used in a hairdressing salon.    **(05)**



network floorplan for a hairdressing salon

a.  State the **topology** of the network above.
b.  State the **type** of network used above.

**Q3.** **Name the following network topology.**

(05)



**Q 4.** A car showroom keeps information about vehicles it has to sell in a database. Part of the database has been sorted as shown below.

(05)

| Make | Model | Year of Registration | Mileage |
|---|---|---|---|
| Renoir | Chloe | 2001 | 37564 |
| Pursio | 205 | 2001 | 36542 |
| Jokeswagon | Tennis | 2001 | 35004 |
| Renoir | Magritte | 2002 | 45089 |
| Renoir | Chloe | 2002 | 24659 |
| Missan | Nicra | 2004 | 15487 |

Describe how the list has been sorted.

**Q5.** **Define the following:**
a.  System Development Life Cycle (SDLC) – Detailed  (05)
b.  Management Information System  (MIS)  (05)
c.  Transaction Processing System  (TPS)  (05)
d.  Decision Support System  (DDS)  (05)
e.  Executive Support System  (ESS)  (05)
f.  Expert System  (ES)  (05)
g.  Records  (05)
h.  Distributed Database  (05)
i.  Centralize Database  (05)
j.  Batch Processing  (05)
k.  Online Processing  (05)

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