

ECGC PO Exam 2020-21 Computer Aptitude Question Paper

1. Each Excel file is called a workbook because of ____.

- A. It can contain text and data
- B. It can be modified
- C. It can contain many sheets including worksheets and chart sheets
- D. You have to work hard to create it
- E. None of these

2. Which protocol provides e-mail facility among different hosts?

- A. FTP
- B. SMTP
- C. TELNET
- D. SNMP
- E. None of these

3. When data changes in multiple lists and all lists are not updated, this causes ____.

- A. data redundancy
- B. information overload
- C. duplicate data
- D. data inconsistency
- E. None of these

4. Which of the following search engines continuously sends out that starts on a homepage of a server and pursue all links stepwise ?

- A. Spiders
- B. Packets
- C. Cookies
- D. asPaddle
- E. None of these

5. What kind of Protocol is used to provide Internet access from mobile?

- A. TCP/IP
- B. ISD
- C. WAP
- D. HTTP
- E. None of these

6. One or more defects or problems that prevent the software from working as intended or working at all is a(n) ____.

- A. Bug
- B. Boot
- C. Programming language
- D. Fuzzy logic
- E. None of these

7. Which of the following is used with databases?

- A. Data mining
- B. EDI
- C. Credit cards
- D. All of the above
- E. None of these

8. The type of computers used by large organizations for critical applications where a large number of transactions need to be processed are called

- A. Mainframe computer
- B. Mini-computer
- C. Microcomputer
- D. PDA
- E. None of these

9. Which of the following is used by the browser to connect to the location of the Internet resources?

- A. DOC
- B. XML
- C. HTML
- D. URL
- E. None of these

10. ____ is the process of dividing the disk into tracks and sectors.

- A. Tracking
- B. Formatting
- C. Crashing
- D. Allotting
- E. None of these

11. The physical arrangement of elements on a page is referred to as a document's ____.

- A. features
- B. format
- C. pagination
- D. grid
- E. None of these

12. What is a person called who uses a computer to cause harm to people or destroy critical systems?

- A. Cyberterrorist
- B. Black-hat hacker
- C. Cyber Cracker
- D. Hacktivist
- E. None of these



13. The secret code that restricts entry to some programs_____.

- A. password
- B. passport
- C. entry-code
- D. access-code
- E. None of these

14. A connection from one HTML document to another HTML document is called_____.

- A. Hyper Link
- B. Connecting Link
- C. Icon
- D. All of these
- E. None of these

15. _____ is the science and art of transforming messages to make them secure and immune to attacks.

- A. Cryptography
- B. Cryptoanalysis
- C. Cryptology
- D. cryptoanarchy
- E. Cryptoanalytics

16. The ____ component is used by the data analyst to create the queries that access the database.

- A. Data extraction
- B. End-user query tool
- C. End-user presentation tool
- D. Data store
- E. None of these

17. Normalization is a process of restructuring a relation to_____.

- A. Minimize duplication of data in a database

B. Maximize duplication of data to ensure reliability in

- C. Make it of uniform size
- D. Allow addition of data
- E. None of these

18. A network geometric arrangement in which a single connecting line is shared by a number of nodes is called_____.

- A. Car Topology
- B. Bus Topology
- C. Truck Topology
- D. All of the above
- E. None of these

19. By viewing the properties of the local hard disk of a computer, the user can find out_____.

- A. The amount of space that has been used up and the remaining free space on the disk.
- B. The name of the user viewing the properties of the disk.
- C. Nothing useful to the user.
- D. The number of programs available in the computer.
- E. None of these

20. Inventor of C++ is _____.

- A. Martin Cooper
- B. Vint Cerf
- C. Charles Babbage
- D. Bjarne Stroustrup
- E. None of these



###ANSWERS###

1. Ans. C.
Each Excel file is called a workbook because it can contain many sheets including worksheets and chart sheets.

2. Ans. B.
Simple Mail Transfer Protocol (SMTP) is an **Internet standard** for **electronic mail** (email) transmission. First defined by **RFC 821** in 1982, it was last **updated in 2008** with the Extended SMTP additions by **RFC 5321**—which is the protocol in widespread use today. SMTP by default uses **TCP port 25**.

3. Ans. D.

- **Data inconsistency** is a condition that occurs between files when similar data is kept in different formats in two different files, or when matching of data must be done between files.
- As a result of the data inconsistency, these files duplicate some data such as addresses and names, compromising data integrity.

4. Ans. A.
A programme that automatically fetches Web pages. Spiders are used to feed pages to search engines. It's called a spider because it crawls over the Web another term for these programmes is Web Crawler.

5. Ans. C.
WAP(Wireless Application Protocol) is a **technical standard** for accessing information over a **mobile** wireless network.

6. Ans. A.
A software **bug** is an error, flaw, failure or fault in a computer program or system that causes it to produce an **incorrect** or unexpected result, or to behave in unintended ways.

7. Ans. A.
Data mining is the computational process of discovering patterns in large data sets involving methods at the intersection of artificial intelligence, machine learning, statistics, and database systems.

Note: The overall goal of the data mining process is to extract information from a

data set and transform it into an understandable structure for further use.

8. Ans. A.
Mainframe computers are computers used primarily by **large organizations** for critical applications, bulk data processing such as census, industry and consumer statistics, enterprise resource planning and transaction processing, etc.

9. Ans. D.
URL is an acronym for **Uniform Resource Locator** and is a reference to a resource on the Internet. A **URL** has **two**

main components: **Protocol identifier**: For the URL <https://gradeup.co>, the protocol identifier is **http**. **Resource name**: For the URL <https://gradeup.co>, the resource name is **gradeup.co**

10. Ans. B.

- Disk **formatting** is the process of preparing a **data storage** device such as a **hard disk drive**, solid-state drive, **floppy disk** or **USB flash drive** for initial use.
- In some cases, the formatting operation may also create one or more new file systems.

11. Ans. B.
The physical arrangement of elements on a page is referred to as a document's **format** .

Note:- A document file format is a text or binary file format for storing documents on a storage media, especially for use by computers.

12. Ans. A.
Cyberterrorism is the act of Internet terrorism in terrorist activities, including acts of deliberate, large-scale disruption of computer networks, especially of personal computers attached to the Internet, by the means of tools such as computer viruses.

13. Ans. A.
A **password** is the **secret code** that restricts entry to some programs. It is a without spaced sequence of **characters used** to determine that a computer user **requesting access** to a computer system is really that particular user.



14. Ans. A.

In computing, a **hyperlink** is a reference to data that the reader can **directly follow** either by clicking or by hovering.

Note:- A hyperlink points to a whole document or to a specific element within a document. Hypertext is text with hyperlinks.

15. Ans. A.

Cryptography is the science of providing security for information. It has been used historically as a means of providing secure communication between individuals, government agencies and **military forces**. Today, cryptography is a cornerstone of the modern security technologies used to protect information and resources on both open and closed networks.

16. Ans. B.

End user query tool performs data retrievals data analysis and data mining tasks using the data in the data store and business data analysis models. This component is used by the data analyst to create the queries that access the database.

17. Ans. A.

Normalization is the process of restructuring the logical data model of a database to eliminate redundancy, organize data efficiently and reduce repeating data and to reduce the potential for anomalies during data operations.

18. Ans. B.

Bus Topology is the simplest of **network topologies**. All the nodes are connected to the **single cable** by the help of **interface** connectors. This **central cable** is the backbone of **the network** and is known as **Bus**.

19. Ans. A.

By viewing the properties of the local hard disk of a computer, the user can find out both the used **amount of space** and the remaining **free space** on the disk.

20. Ans. D.

Danish computer scientist **Bjarne Stroustrup** invented and developed widely used **C++ programming language**.



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