

**S.S.R. DEGREE COLLEGE, (AUTONOMOUS)**  
**NIZAMABAD (C.C:5029)**  
**I SEMESTER INTERNAL ASSESSMENT – II EXAMINATIONS**  
**FIT**  
**QUESTION BANK**

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**I. Multiple Choice Questions**

1. A spreadsheet is primarily used for:

- A) Writing essays                                      B) Performing calculations and data analysis  
C) Drawing graphics                                      D) Creating presentations

Answer: B

2. In Excel and Google Sheets, a cell is identified by:

- A) Row only                                              B) Column only  
C) Column letter and row number                      D) Row letter and column number

Answer: C

3. Which of the following is a valid cell reference?

- A) 1A              B) A1              C) AA-1              D) Row1ColumnA

Answer: B

4. What is the default file extension of MS Excel 2016 and later?

- A) .xls              B) .xlsx              C) .docx              D) .csv

Answer: B

5. In Google Sheets, files are automatically stored in:

- A) Local Disk              B) Dropbox              C) Google Drive              D) OneDrive

Answer: C

6. The intersection of a row and a column is called a:

- A) Range              B) Table              C) Cell              D) Worksheet

Answer: C

7. Which function is used to find the average of a range of numbers?

- A) =SUM()   B) =AVERAGE()   C) =COUNT()   D) =MAX()

Answer: B

8. What does the formula =SUM(A1:A5) do?

- A) Multiplies all values in A1 to A5                      B) Adds all values in A1 to A5  
C) Counts the number of values                              D) Finds the largest value

Answer: B

9. Which symbol is used to start a formula in Excel and Google Sheets?

- A) =                      B) +                      C) -                      D) /

Answer: A

10. Which feature allows users to copy the formula to adjacent cells automatically?

- A) AutoFill                      B) AutoCorrect                      C) AutoFormat                      D) AutoRecover

Answer: A

11. Which function returns the largest value in a range?

- A) MAX()                      B) LARGE()                      C) BIG()                      D) TOP()

Answer: A

12. Which chart type is best for showing parts of a whole?

- A) Bar chart                      B) Line chart                      C) Pie chart                      D) Column chart

Answer: C

13. In MS Excel, which shortcut is used to create a new workbook?

- A) Ctrl + N                      B) Ctrl + O                      C) Ctrl + W                      D) Ctrl + S

Answer: A

14. In Google Sheets, sharing options can be found under:

- A) Edit → Share                      B) File → Share                      C) Tools → Share                      D) View → Share

Answer: B

15. What does the function =IF(A1>50, "Pass", "Fail") do?

- A) Checks if A1 is equal to 50                      B) Returns "Pass" if A1 > 50, otherwise "Fail"  
C) Adds 50 to A1                                      D) Compares text values                                      Answer: B

16. Which tab is used to insert a chart in Excel?

- A) Home                      B) Insert                      C) View                      D) Data

Answer: B

17. In Google Sheets, which function is used to count only numeric cells?

- A) COUNTIF()              B) COUNTA()              C) COUNT()              D) SUM()

Answer: C

18. What is the maximum number of rows in an Excel worksheet (Excel 2016+)?

- A) 65,536                      B) 1,048,576                      C) 256                      D) 16,384

Answer: B

19. Conditional Formatting is used to:

- A) Sort data alphabetically                      B) Change cell colors based on values  
C) Insert formulas automatically                      D) Protect sheets from editing

Answer: B

20. Which function is used to combine text from two cells?

- A) CONCATENATE()                      B) COMBINE()  
C) JOIN()                      D) MERGE()

Answer: A

21. Which of the following is considered an emerging technology?

- A) Typewriter                      B) Blockchain                      C) DVD Player                      D) Floppy Disk

Answer: B

22. The term IoT (Internet of Things) refers to:

- A) Interconnection of devices via the internet                      B) A computer virus  
C) Online shopping website                      D) Internet speed

Answer: A

23. Artificial Intelligence (AI) is primarily concerned with:

- A) Data storage                      B) Making machines simulate human intelligence  
C) Hardware design                      D) Data entry

Answer: B

24. Cloud Computing allows users to:

- A) Store and access data over the internet
- C) Increase RAM size

B) Work only offline

D) Create web browsers

Answer: A

25. Big Data refers to:

- A) A large collection of complex data sets
- C) Manual record books

B) Small databases

D) Hard disk files

Answer: A

## II. FILL IN THE BLANKS

1. Which technology enables virtual experiences and simulations Virtual Reality (VR)
2. Augmented Reality (AR) combines Real-world view with computer-generated elements
3. Machine Learning (ML) is a subfield of Artificial Intelligence
4. Blockchain technology is most widely used in Cryptocurrency transactions
5. Which of the following is NOT an emerging technology Typewriter
6. Quantum Computing uses which units for data Qubits
7. The purpose of 5G Technology is High-speed wireless communication
8. Which of these is used in self-driving cars AI and Sensors
9. Robotics is mainly concerned with Designing and operating robots
10. 3D Printing is also known as Additive Manufacturing
11. Which technology is used in voice assistants like Alexa or Siri Machine Learning
12. Cyber Security mainly focuses on Protecting systems from digital attacks
13. Edge Computing processes data Near the source of data generation
14. Which of the following technologies is used in facial recognition systems Artificial Intelligence
15. Nanotechnology deals with Tiny particles and materials at atomic levels
16. Drone technology is used in Aerial photography and delivery
17. The technology that converts spoken words into text is called Speech Recognition
18. Biometric authentication uses Fingerprints or facial data
19. Which technology enables smart home automation IoT (Internet of Things)
20. The main advantage of emerging technologies is Improved efficiency and innovation

## III. Descriptive Questions

1. What is a spreadsheet? What are the features of MS Excel?
2. What are the different types of financial functions?
3. What is mean by a Cloud Computing Guide? Explain advantages of Cloud Computing.
4. What are the Services Models? Explain briefly.
5. What are the Types of Backup and what are the Types of Data Recovery.