


RAN-2411000503044002

M.Sc. (Comp. Appl.) (Sem.-III) Examination October - 2025
Cloud Storage Interaction Using Android Application (904-02)

[Total Marks: 70

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
 Fill up strictly the above details on your answer book

Seat No.:

----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

Student's Signature

Q.1. MCQ
10

- Which of the following best describes an API?
 - A programming language
 - A set of rules that allow software to communicate
 - A database system
 - A type of hardware
- Which Google Cloud service provides scalable object storage for any type of data?

A. Cloud Functions	B. Cloud Storage
C. Cloud Spanner	D. Cloud SQL
- Which of the following is an unstructured data example stored in Google Cloud?
 - Student database table
 - Employee payroll spreadsheet
 - Company annual report video recording
 - Inventory table in SQL
- Cloud Shell automatically includes which text editor for code editing?

A. MS Word	B. Vim
C. Photoshop	D. Notepad only
- Which service allows developers to interact with Google Cloud resources using REST APIs?

A. Cloud Storage	B. Cloud API
C. BigQuery	D. Firebase
- Which Google Cloud service is an example of IaaS offering?

A. App Engine	B. Compute Engine
C. Firebase	D. Cloud Functions

7. Which Google Cloud product is mainly used for big data analytics?
 - A. Cloud SQL
 - B. Cloud Spanner
 - C. BigQuery
 - D. Cloud Functions
8. What is the main purpose of an API?
 - A. To write HTML code
 - B. To store data permanently
 - C. To enable interaction between different software systems
 - D. To design user interfaces
9. The Cloud Console mobile app is mainly useful for:
 - A. Checking and managing billing alerts
 - B. Playing multimedia content
 - C. Designing mobile applications
 - D. Creating Gmail accounts
10. Which of the following is NOT a benefit of Cloud Identity?
 - A. Simplified user management
 - B. Multi-factor authentication
 - C. Access control for devices
 - D. Free unlimited cloud storage for videos

Q.2. Answer the following in short (Any nine)

18

1. What is Google Cloud used for?
2. What is the main function of Google Cloud Identity?
3. What is the Google Cloud Console mobile app used for?
4. What does IaaS, PaaS stand for?
5. Give one example of unstructured data and structured data..
6. What is the purpose of Cloud APIs?
7. What is Apigee used for in Google Cloud?
8. Which Google Cloud storage class is best for frequently accessed data?
9. Give one example of a Google Cloud product other than Compute Engine.
10. Which API is used to transfer files to and from Google Cloud Storage?
11. Which intent is commonly used to allow users to pick a file from storage?
12. How does an API help two applications communicate?

Q.3. Do as Directed (Any 2)

14

- A. Explain IaaS and PaaS in details.
- B. Explain the benefits of using Google Cloud Storage for mobile application data. How does it enhance performance, security, and user experience?
- C. Write Detail note on IaaS and PaaS.

Q.4. Write short notes (Any 2)

14

- A. Explain the different cloud storage options provided by Google Cloud. Compare them based on use cases and cost.
- B. Differentiate between structured and unstructured storage. Provide examples for each with reference to Google Cloud.
- C. Explain Architecture of Google Cloud.

Q.5. Do as Directed (Any 2)

14

- A. Explain the concept of an API. Discuss how APIs enable communication between different Mobile applications with suitable examples.
 - B. Describe the role of Apigee in API management. How does it help organizations monitor, secure, and analyze APIs?
 - C. Explain how the Google Cloud Storage API is used to upload and download data. Illustrate the process with an example scenario.
-