

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE, APRIL - 2025**

CLOUD COMPUTING

[Maximum Marks: **100**]

[Time: **3 Hours**]

PART-A

[Maximum Marks: **10**]

I. (Answer ***all*** questions in one or two sentences. Each question carries **2** marks)

1. Write a name of a Cloud Storage service.
2. What is meant by Software as a Service?
3. Why is email communication centralized?
4. Give two web-based calendar applications.
5. What is meant by wiki?

(5 x 2 = 10)

PART-B

[Maximum Marks: **30**]

II. (Answer ***any five*** of the following questions. Each question carries **6** marks)

1. Explain the cloud architecture using a suitable diagram.
2. Explain two features of cloud-based to-do list applications that enhances collaboration.
3. Explain two advantages of using cloud-based scheduling tools for team collaboration.
4. How does collaboration on calendars enhance team productivity and coordination?
5. How can databases be collaborated for storing and sharing data?
6. How can contact lists be managed with the help of cloud computing?
7. Explain a social networking site or application.

(5 x 6 = 30)

PART-C

[Maximum Marks: **60**]

(Answer ***one*** full question from each Unit. Each full question carries **15** marks)

UNIT – I

- III. a. Describe the different types of cloud service development. (8)
- b. Compare the pros and cons of cloud computing. (7)

OR

- IV. a. Explore the role of web services in cloud computing. (8)
- b. What is Google App Engine, and what services does it offer? (7)

UNIT – II

- V. a. Explain collaborating on schedules with an example. (8)
b. How can to-do lists be collaboratively managed? (7)

OR

- VI. a. Explain how we can manage contacts from multiple family members using a web-based program for contact management. (8)
b. How does cloud computing facilitate collaboration on group projects and events? (7)

UNIT- III

- VII. a. Demonstrate the significance of integrating calendars and task management for enhancing collaboration. (8)
b. What are the benefits of using online planning and task management tools for collaborative projects? (7)

OR

- VIII. a. Explain how web-based word processing functions. (8)
b. Write about two online file storage and sharing services. (7)

UNIT - IV

- IX. a. How do web-based communication tools facilitate collaboration? (8)
b. What are the most common features expected from a web conferencing service? (7)

OR

- X. a. Explain collaboration via blogs with an example. (8)
b. Write short note on (i) Wikis and (ii) web conferencing. (7)
