


RAN-2511000904033003
Second Year Bachelor of Computer Applications (NCF-NEP) (Sem. - IV)
Examination October - 2025
Major - Mobile Application Development II (TH) New (Paper - 405-02)
Time: 1 Hour]
[Total Marks: 25
સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book.
- (2) All questions are compulsory.
- (3) Figure to the right indicate full marks.
- (4) Mention your options clearly.

Seat No.:

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Student's Signature

Q. 1. Attempt any five (One mark each)
(05)

1. What is the primary purpose of the DatePicker widget in Android?
 - A) To select a time value in hours and minutes
 - B) To allow users to pick a date from a calendar interface
 - C) To display a countdown timer
 - D) To fetch the current system date automatically
2. What is the primary purpose of dart2js in Dart?
 - A) To convert Dart code into JavaScript for running in web browsers
 - B) To compile Dart code into native Android applications
 - C) To debug Dart applications in Flutter
 - D) To execute Dart code directly in the browser without conversion
3. What is Flutter primarily used for?
 - A) Backend development
 - B) Game development
 - C) Cross-platform mobile app development
 - D) Operating system development
4. What is the purpose of the pubspec.yaml file in a Flutter project?
 - A) It contains the app's UI layout
 - B) It manages project dependencies, assets and fonts
 - C) It stores user authentication data
 - D) It controls the app's runtime performance
5. Which command is used to run a Flutter application on a connected device?
 - A) flutter create
 - B) flutter build
 - C) flutter run
 - D) flutter install
6. What is LinearProgressIndicator?
 - A) Circular Progress
 - B) Horizontal Progress
 - C) Round Progress
 - D) None of these
7. Which of the following is invisible Widget?
 - A) Stack
 - B) Text
 - C) Image
 - D) Icon

- Q. 2. A.** Explain ListView in Android. **(04)**
- OR**
- Q. 2. A.** Explain Horizontal and Vertical Scrollview.
- Q. 2. B.** Explain functions and arguments in Dart. **(04)**
- OR**
- Q. 2. B.** Explain iterative statements in Dart.
- Q. 3. A.** Explain Flutter Architecture in details. **(04)**
- OR**
- Q. 3. A.** Explain Stateful and Stateless widget in Flutter
- Q. 3. B.** Explain Visible and Invisible widget in Flutter. **(04)**
- OR**
- Q. 3. B.** Explain Radio-Button and Checkbox in Flutter.
- Q. 4. A.** Write a short note on Flutter Form **(04)**
- OR**
- Q. 4. A.** Write a short note on Flutter List widget.
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