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**Sixth Semester B.C.A. (NEP) Degree Examination,  
August/September, 2024**

**(Regular)**

**Mobile Application Development**

**Time : 2 Hrs**

**Max. Marks : 60**

**Instructions to Candidates:**

1. All sections are compulsory.
2. Write program neatly if necessary write output.
3. Write question number correctly.

**SECTION - A**

**Answer any TEN from the following, each carries 2 marks.**

**(10x2=20)**

1. What is Mobile App Development?
2. Define Flutter SDK.
3. List the data types.
4. Define Constructors.
5. What do you mean by Widget?
6. Define Gestures.
7. What is Tap and Double Tap?
8. Differentiate between radio button and check box.
9. State the benefits of Dart Packages.
10. Define SQLite.
11. What do you mean by Testing?
12. Mention the looping statements.

**SECTION - B**

**Answer any FOUR from the following, each carries 5 marks.**

**(4x5=20)**

13. Explain the core components of Mobile Application and their roles in development.
14. Explain Flow Control Statements with an example.
15. Define Scaffold. Explain its properties.
16. Explain the types of dialogues in Flutter.
17. Discuss in brief Dart packages.

**SECTION - C****Answer any TWO from the following, each carries 10 marks.****(2x10=20)**

18. a) Describe the process of creating the new project on Flutlab.io and write a simple helloworld application.
- b) Explain in brief Arrow function constructors.
19. a) Explain in depth layout widgets with an examples.
- b) Explain Flutter navigation and routing?
20. Explain SQLite DB Provider object and its method?

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