Day : Monday

Date 28-02-2022   W-22272-2021

Time : 10:00 AM-01:00 PM

Max. Marks: 60

N.B.

1) From Section I - Q.4 is compulsory. Attempt any **TWO** questions from Q.1, Q.2, and Q.3.
2) Attempt any **TWO** questions from Section II
3) Both the Sections should be written in the **SAME** answer book.
4) Figures to the right indicate full marks

SECTION- I

Q.1	a)	What is React Native? What are the benefits of using React Native for building mobile applications?	**(06)**
	b)	Explain the Advantages and disadvantages of hybrid applications?	**(06)**
Q.2	a)	Explain the key factors for Choosing developing Native, Web App, or Hybrid applications?	**(06)**
	b)	What are threads in General? and explain Different Threads in React Native with Use of Each thread.	**(06)**
Q.3	a)	What tool and skill set do you need to develop a mobile app in React Native?	**(06)**
	b)	Describe Timers in React Native Application?	**(06)**

Q.4   Write short Notes (Any THREE)   **(12)**

a) Handle elements size in React Native

b) CSS flexbox

c) Types of mobile apps

d) Accelerated Mobile Page [AMP]

e) Code Reuse and Knowledge Sharing

f) Activity Indicator

g) Toast Android

SECTION- II

Q.5 a) How is React Native different from other frameworks for developing a mobile application? **(06)**

b) What is State and how is it used in React Native? **(06)**

Q.6 a) Explain the most common commands used in React Native? **(06)**

b) Explain the steps for installing the Node, Python and JDK through command prompt. **(06)**

Q.7 a) Explain the dependences for developing app using React Native framework? **(06)**

b) Design an application to demonstrate the test box and button control. **(06)**

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