

Total No. of Questions : 7]

SEAT No. :

P565

[Total No. of Pages : 2

[5840]-202

M.Sc. (Computer Science)
CSUT -122 : MOBILE TECHNOLOGIES
(CBCS 2019 Pattern) (Semester-II)

Time : 3 Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *Question 1 is compulsory.*
- 2) *Solve any five questions from Q. 2 to Q. 7.*
- 3) *Questions from Q.2 to Q. 7. carry equal marks.*

Q1) Solve any five of the following:

[10]

- a) What is storyboard?
- b) What is JSON parsing?
- c) What is Dalvik virtual machine?
- d) What is user mobility & device portability.
- e) What is broadcast Receiver?
- f) Name the types of view groups.

Q2) Attempt all.

- a) Describe intent. Explain types of Intents.
- b) Explain Alarm and Toast with example.

[7]

[5]

Q3) Attempt all.

- a) Explain PhoneGap plug-ins. write steps to publish a plugin to npm.
- b) What is thread? Explain run on ui Thread with example.

[7]

[5]

Q4) Attempt all.

- a) Discuss various applications of mobile communication.
- b) Explain content providers with example.

[7]

[5]

Q5) Attempt all.

- a) Explain SMS and MMS with example.
- b) Explain iOS application cycle with example.

[7]

[5]

P.T.O.

Q6) Attempt all.

- a) What is Android? Explain its Architecture in detail. [7]
- b) Explain various types of event handlers used in Android framework. [5]

Q7) Write short notes on any Two of the following.

[12]

- a) Geolocation API.
- b) Data types used in swift.
- c) Phone Gap

