

BACHELOR OF TECHNOLOGY (C.B.C.S.) (2014 COURSE)
B.Tech.Sem - VIII COMPUTER :SUMMER- 2022
SUBJECT : MOBILE COMPUTING

Day : Wednesday
Date : 22-06-2022

S-13678-2022

Time : 02:30 PM-05:30 PM
Max. Marks : 60

N.B. :

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labelled diagram **WHEREVER** necessary.
 - 4) Assume suitable data, if **necessary**.
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Q.1 How does the Mobile Network work? **(10)**

OR

Q.1 Explain the 'Reservation Based Scheme' in Mobile Computing. **(10)**

Q.2 Explain the role of Mobile IP in Mobile Computing. **(10)**

OR

Q.2 Explain Route Optimization in Mobile Network. **(10)**

Q.3 What is GSM? Explain in detail. **(10)**

OR

Q.3 What is 4G? Explain its architecture in detail. **(10)**

Q.4 Explain Destination Sequenced Distance Vector routing protocol in Mobile Network. **(10)**

OR

Q.4 Explain Dynamic Source routing protocol in Mobile Network. **(10)**

Q.5 Explain IOS architecture. **(10)**

OR

Q.5 Explain Android OS architecture. **(10)**

Q.6 What is M-Commerce? Consider appropriate example to explain. **(10)**

OR

Q.6 Does the Mobile Payment System requires security? Explain in detail. **(10)**

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