

**T.Y.B.SC. (COMPUTER SCIENCE) SEM –VI (2014 COURSE) :**

**SUMMER - 2018**

**SUBJECT: MOBILE COMPUTING**

Day: **Thursday**

Date: **12/04/2018**

Time: **12.00 NOON TO 02.00 PM**

Max. Marks: 40

**S-2018-0862**

**N.B.:**

- 1) All questions are **COMPULSORY**
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

**Q.1** Answer any **TWO** of the following: **(10)**

- a) Explain various types of handover in GSM.
- b) What is FDMA? Explain its features.
- c) Explain near and far terminals.

**Q.2** Answer any **TWO** of the following: **(10)**

- a) Define mobile computing. Explain the limitations of mobile computing.
- b) Write a note on protocols in details.
- c) Explain the concept of DHCP.

**Q.3** Answer any **TWO** of the following: **(10)**

- a) Describe client- server computing with adaptation.
- b) What is meant by time out freezing?
- c) Elaborate classification of new data delivery mechanism.

**Q.4** Answer any **FIVE** of the following: **(10)**

- a) List any two indexing techniques.
- b) State goals of mobile IP.
- c) What is J2ME?
- d) Define power - aware computing.
- e) What is WAP?
- f) State any two properties of MANET.
- g) What is bluetooth?

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