Paper / Subject Code: 33508 / Elective-I ICT for Social Cause Date: 26/1

Q.P. Code: 25959

Time: 3 Hours

Marks: 80

Note: 1. Question 1 is compulsory

2. Answer any three out of remaining questions.
3. Assume suitable data wherever required and justify the same.

Q1 a) What is CDMA? How many Channels are there in CDMA Forward Channels? What [5] are the Advantages of CDMA?

b) Why API's is used in cloud services? How can you make sure that you always have [5] access to your data?

c) Discuss briefly the impact of the App based GIS [5]

d) What is Micro-Electro-Mechanical Systems (MEMS) Technology? Explain with [5] example.

Q2 a) Explain with help of framework detail role of knowledge management in ICT for social [10] cause for healthcare domain.

b) Discuss different social and cultural influence of ICT that affects the users? [10]

Q3 a) Design solution for using ICT technology in Indian Agriculture? [10]

b) Discuss Social Influence and the Collective Dynamics for Opinion Formation towards [10] modern societal development.

Q4 a) What is the gender impact of ICTs in education on access, use of, attitudes toward, and [10] learning outcomes? And, how can ICTs be used to present, comment on and discuss student work, and what are the implications of such impact?

b) Explain data storage structure used in ICT? [10]

Q5 a) Can the state or any employer use RFID chips to monitor my private life? Explain with [10] respect to ICT.

b) Does Information and Communication Technology (ICT) Facilitate Knowledge [10] Management Activities in the 21st Century? Explain with suitable example.

Q6 a) How can GIS be used in crime mapping and could be an ICT based system for crime [10] reduction in your city.

b) Write note on "Scope of social audit with ICT". [10]

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