

JK Lakshmipat University Jaipur
INSTITUTE OF ENGINEERING AND TECHNOLOGY

End Term Examination, December 2015

M. Tech. in Computer Science Engineering, Semester 1st

MTCS 121 : ICT for Socio-Economic Development

Roll No.....

Time: 3 hours

Max. Marks: 100

Instructions to students:

1. Do not write anything other than your roll number on question paper.
2. Assume suitable data wherever required and mention it clearly.
3. Drawing neat sketches/schematics/ flow chart wherever, required are an integral part of the answer.

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| Q.1A | What is a system? Discuss various components of a system. | 05 |
| Q.1B | What is the difference between IS and IT? | 05 |
| Q.2A | Give two examples of role of ICT in reducing poverty? Discuss the unique features of these examples. | 05 |
| Q.2B | Give two examples of role of ICT in education? Discuss the unique features of these examples. | 05 |
| Q.3A | Give two examples of role of ICT in health sector? Discuss the unique features of these examples. | 05 |
| Q.3B | Give two examples of role of ICT in ensuring gender equality? Discuss the unique features of these examples. | 05 |
| Q.4 | What are MDGs? What is the objective of having MDGs? How are these MDGs being implemented in India? | 10 |
| Q.5 | What do you understand by development? Why it is important to be studied? Whose responsibility it is to ensure equitable development? | 15 |
| Q.6 | What do you understand by knowledge based society? When would you call a society knowledge based? Why is it desirable to have a knowledge based society? | 15 |
| Q.7 | Why is infrastructure important for development? Who is responsible for ensuring infrastructure for development? Critique the approach taken by government of India in ensuring infrastructure for development. | 15 |
| | OR | |
| Q.7 | Why is policy important for development? Who is responsible for bringing in the right policies for development? Critique the policy environment in India for development. | 15 |
| Q.8 | Pick any one sector from MDG, and discuss the role of IT in that sector. Describe how is IT impacting the reach, access, use of that sector services, specifically in India. | 15 |