SUBJECT :ICT

STD:X   **TIME   : 2hrs.**

DATE:12.10.2017   **MARKS: 40**

Q.1 Fill in the blanks:-   **(5)**

1. The term _____ generally refers to a society where Knowledge is the primary production resource.
2. A _____ is a web mapping service application and technology provided by Google.
3. _____ is a virtual version of something in a real world.
4. _____ itself is a set of activities that facilitate by electronic means the processing, transmission, and display of information.
5. _____ term means information can be stored and retrieved through the digital medium instead of paper.

Q.2 State Whether the following statements are true or false:-
(Rewrite the full sentence)   **(5)**
1. Advanced skill includes expert thinking, which may lack rule based solution.
2. EDI stands for Electronic Data Internet.
3. The nature of mathematics has changed considerably because of availability of ICT.
4. ICT-cannot be used in evaluation process.
5. NEFT stands for National Electronic Fund Transfer.

Q.3 Multiple Choice Questions (Single Correct answer)   **(6)**
1. A computer modeling is the representation on _____ dimensional objects on computer.
   1. two   b. three   c. four
2. The Popular discussion groups are :
   a. Microsoft   b. facebook   c. Window server
3. Simulation creates _____ model of a system.
   a. natural   b. artificial   c. neutral
4. _____ is the Information Highway.
   a. Data   b. Information technology   c. Internet

5. Maharashtra State Centre Mumbai is well equipped for providing videoconferencing services at International, National and at district level through:
   a. NCERT   b. NICNET   c. NOC
6. RTGS stands for :
   a. Real Time Gross System   b. Research Training Group
   c. Real Time Gross Settlement

Q.4 Multiple Choice Questions (Two Correct answer) (any 2)   (4)
   1. Challenges of ICT in Education are
      a. necessary hardware and software
      b. EDI
      c. Problem bared learning
      d. Online transactions.

   2. _____ and _____ are often used interchangeably and difference between them is trivial.
      a. Science & Mathematics
      b. Modelling
      c. Simulation
      d. Internet

   3. Integral parts of forum are_____.
      a. Post
      b. Teacher
      c. User Group
      d. Administration section

   4. Internet application include :
      1. Windows
      2. Forums
      3. Control panel
      4. Blogs

Q.5 Answer the following in brief (any 6) (12)
1. What are advantages of E-commerce?
2. Define the modulation and simulation.
3. Explain e-market
4. Define Knowledge society
5. Explain EDI and Highlight its benefits.
6. Write the benefits of ICT in Science and Mathematics.
7. How can ICT be used in social network, friends and family events?
8. Write two roles of educator to promote literacy.

Q. 6 Answer the following questions (any 2) (8)
1. How ICT can be used in Banking Sector and Industrial Growth?
2. What is simulation? Explain simulation with suitable examples.
3. Explain E-Governance.
4. Explain transformative impact of ICT.