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**CERTIFICATE IN INFORMATION
TECHNOLOGY (CIT)**

Term-End Examination

June, 2024

**CIT-002 : INTRODUCTION TO INFORMATION
TECHNOLOGY**

Time : 2 Hours

Maximum Marks : 50

Note : There are two Section (Section A and B) in this paper. All questions in Section-A are compulsory. Answer any **three** out of the four questions in Section-B.

Section–A

Question No. 1 to 10 carry 1 mark each. They are multiple choice questions with one correct answer. Write your answer in the answer sheet. Question no. 11 and 12 carry 5 marks each.

1. The phenomenon where in gap between the groups in their ability to use ICT due to varying literacy and Technical skills and the gap in availability of quality, useful digital content is termed as

- (a) Digital Identity
 - (b) Digital Divide
 - (c) Digital Literacy
 - (d) Knowledge Gap
2. Fraud by system manipulation intentionally, modification of data, programs or databases and accessing computers without authorization comes under :
 - (a) Cyber bullying
 - (b) Cyber space
 - (c) Cyber crimes
 - (d) Cyber security
 3. The type of business or commercial transaction that involves the transfer of information across The Internet is called as :
 - (a) e-Commerce
 - (b) e-Learning
 - (c) e-Governance
 - (d) e-Medicine
 4. A digital Identity system must serve function (s) like :
 - (a) Privacy and Authentication
 - (b) Message Integrity
 - (c) Non-Repudiation
 - (d) All of the above

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5. B2C is the direct trade between
 - (a) Business and Consumer
 - (b) Consumer and Business
 - (c) Business enterprise with other business enterprise
 - (d) Two or more consumers
6. Two ensure privacy and authentication, Secure Socket Layer (SSL) uses :
 - (a) Public Key infrastructure
 - (b) Digital Certificates
 - (c) Kerberos
 - (d) Both (a) and (b)
7. To prevent unauthorized access into or out of a computer network is used.
 - (a) Firewall
 - (b) SET-card payment
 - (c) Message Hashes
 - (d) Public Key Certificate
8. PUFF, SEITH, CaDet, DXplain and Gerwathcher are the example systems of :
 - (a) Healthcare
 - (b) Insurance
 - (c) e-Learning
 - (d) Entertainment

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9. Flipkart.com is the example website for :
 - (a) B2B
 - (b) B2C
 - (c) C2B
 - (d) C2C
10. The process or technique to complete an incomplete image of an object is :
 - (a) Illumination
 - (b) View Point Variation
 - (c) Occulusion
 - (d) Image Restoration
11. Explain any five technical challenges faced by computer Vision. 5
12. Draw a block diagram of an embedded system and explain its characteristics. 5

Section-B

Answer any **three** from the following questions (Que. 13 to Que. 16).

13. NIC plays a major role in the IT revolution at all levels by implementing IT Projects in India. List and explain any 5 projects implemented by NIC at district/state/national level. 10

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14. With reference to e-Governance, explain the following : 10
- (a) e-Services
 - (b) e-Certificates
 - (c) e-Administration
 - (d) e-Government
15. (a) Explain the role of ICT in healthcare with relevant examples. 5
- (b) Explain the following : 5
- (i) Telemedicine
 - (ii) Remote consultation
16. (a) Explain the impact of Digital Divide. 5
- (b) Explain the ways to prevent cyber crimes. 5
