

[Time: 03.00 Hrs]		[Marks:75]
Please check whether you have got the right question paper.		
N.B:	<ol style="list-style-type: none"> 1. Q.1 is compulsory and carries 20 Marks. 2. Q. 8 is compulsory and carries 15 Marks. 3. Attempt any four questions from Q.2, Q.3, Q.4, Q.5, Q6 and Q7. Each of these questions carry 10 Marks. 4. Figures to the right indicate full marks. 	

Q.1	(A)	<p>Select the correct option for the following statements/questions:</p> <p>1) _____ is a high-speed access area that can be either a reserved section of main memory or a storage device.</p> <p>(a) Optical disc (b) RAM (c) ROM (d) Cache</p> <p>2) _____ is the application of Information and Communication Technology (ICT) for providing government services interchange of statics, communication proceedings, integration of various independent systems and services.</p> <p>(a) E-commerce (b) Economic (c) M- Commerce (d) E-Governance</p> <p>3) A _____ website accesses content from a database or Content Management System (CMS).</p> <p>(a) Google (b) Static (c) Firefox (d) Dynamic</p> <p>4) Mesh topology can be formed by using the formula _____.</p> <p>a) Number of cables = $(n-1)/2$ b) Number of cables = $(n*(n-1))/2$ c) Number of cables = $(n*(n+1))/2$ d) Number of cables = $(n+1)/2$</p> <p>5) _____ is the delivery of computing services such as servers, storage, databases, networking, software, analytics, intelligence, and more, over the Internet.</p>	(10)
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	<p>(a) Integrated CRM (b) Cloud Computing (c) Voice Over Internet Protocol (d) File Transfer Protocol</p> <p>6) The term _____ refers collectively to the tools and techniques used for the collection, integration, analysis and visualization of raw data. (a) Enterprise Resource Planning (b) Data Warehouse (c) Business Intelligence (d) Cloud Computing</p> <p>7) An _____ transmission sends the electromagnetic waves without utilizing any actual medium. Along these lines it is otherwise called remote transmission. (a) guided (b) unguided (c) fibre (d) optic</p> <p>8) In _____ topology, the transport geography is planned so that every one of the stations are associated through a solitary link known as a spine link. (a) Bus (b) Tree (c) Ring (d) Mesh</p> <p>9) For the exclusive growth of E-infrastructure in India, the Government of India has formulated the policy on _____ in 2008. (a) IT Act (b) ITIRs (c) CRM (d) ERP</p> <p>10) URL stands for _____. (a) Uninterrupted data locator (b) Uninterrupted record locator (c) Uniform record locator (d) Uniform resource locator</p> <p>(B) State whether True or False:</p>	
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	<p>1) The aim of Google Panda update is to reduce the occurrence of low-quality content, duplicate content, and thin content in the search results.</p> <p>2) In a Half-duplex channel, messages flow in both the directions at the same time.</p> <p>3) The most common example of the simple mode is a telephone network where two people are communicating with each other by a telephone line, both can talk and listen at the same time.</p> <p>4) The wired Network Interface Card (NIC) contains the antenna to obtain the connection over the wireless network.</p> <p>5) Computers are very versatile machines. They can perform activities, ranging from simple calculations to performing complex CAD modeling and simulation for navigating missiles and satellites.</p> <p>6) If there exist a ring geography in one part of ICICI bank and transport geography in one more part of ICICI bank, interfacing these two geographies will bring about Mesh geography.</p> <p>7) The Joy-stick is a pen-like light-sensitive device that feeds a narrow electrical pulse generated by a pointing device directed towards the screen.</p> <p>8) A tree geography is a game plan of the organization where each hub is associated with the focal center, switch or a focal PC.</p> <p>9) Integrated CRM services range from data storage to functional programs including accounting software, customer service tools and remote desktop hosting.</p> <p>10) The trend of BYOD (Bring Your Own Device) is on the rise owing to decreased employee satisfaction.</p>	
Q.2	<p>Answer any TWO of the following:</p> <p>(a) Define the term "Information Technology" and write a note on different generation of the computer.</p> <p>(b) How Does Satellite work? State advantages and disadvantages of Satellite Microwave Communication.</p> <p>(c) Write a short note on FTP?</p>	(10)

Q.3	Answer any TWO of the following: (a) Why Use VoIP? How does VoIP Work? (b) Discuss the advantages of information technology in business. (c) State the highlights of IT act 2000.		(10)
Q.4	answer any two of the following: (a) Write a note on Mesh Topology. (b) Write a short note on Supply Chain Management. (c) What is the URL (uniform resource locator)?		(10)
Q.5	Answer any TWO of the following: (a) Write a short note on Fiber Optic (b) State and explain types of website. (c) Explain the Knowledge Management Process in detail.		(10)
Q.6	Answer any TWO of the following: (a) Write a short note on Full-duplex mode (b) How do search engines work? (c) What are the Characteristics of DBMS? State the advantages and disadvantages of DBMS.		(10)
Q.7	Answer any TWO of the following: (a) What is the need for a website? (b) Write a short note on ERP. State the advantages of ERP system.		(10)

	(c) Explain Star Topology and state its advantages and disadvantages.	
Q.8	Write short note on any THREE of the following: (a) CRM (b) NIC (c) Internet Technology (d) Cloud Computing	(15)