Subject Code : 101

Subject Code	Exam Date	Q Id	Questions	Answer Key
101	02-12-2020	1	IIoT stands for (A) Industrial Internet of Things (B) Internet Internet of Things (C) Intelligence Internet of Things (D) Internal Internet of Things	(A)
101	02-12-2020	2	Which bank has become the most popular central bank on Twitter with 1 million followers worldwide? (A) State Bank of India (B) UBI (C) PNB (D) Reserve Bank of India	(D)
101	02-12-2020	3	Which city became first in India to get ISO certification for Faecal Sludge and Septage Management (FSSM) service? (A) Kolkata (B) Jaipur (C) Bhubaneswar (D) Ahmedabad	(C)
101	02-12-2020	4	Who among the following is considered as the 'Father of Artificial Intelligence'? (A) Charles Babbage (B) Lee De Forest (C) JP Eckert (D) John McCarthy	(D)
101	02-12-2020	5	When is the International Yoga Day celebrated? (A) June 21 (B) March 21 (C) April 22	(A)

			(D) May 31	
101	02-12-2020	6	Synonym for **"AMATEURISH "** (A) skilled (B) trained (C) unprofessional (D) seasoned	(C)
101	02-12-2020	7	Fill up with the correct option: **A ____ of Japanese artists stepped off the coach amidst warm welcome.** (A) bank (B) gang (C) troop (D) troupe	(D)
101	02-12-2020	8	Find out whether there is any Grammatical error in below sentence. If yes, that part of the sentence shall be indicated as the answer among the given options. If no error, choose option "No error": **Our new computer come/ with a 90 days warranty/ on all components.** (A) Our new computer come (B) with a 90 days warranty (C) on all components (D) No error	(A)
101	02-12-2020	9	Out of the four alternatives, choose the one which can be substituted for the given words. **A person who readily believes others** (A) Credulous (B) Sensitive (C) Sensible (D) Credible	(A)
101	02-12-2020	10	In the following question, the sentence is split into four parts and named P, Q, R and S. These four parts are not given in their proper order. Read the sentence and find out which of the four combinations is correct. **"Until they have come (P)/ some take no thought (Q)/ to the end of it (R)/ of the value of time (S)."**	(D)

			(A) PSRQ (B) QPSR (C) RQPS (D) QSPR	
101	02-12-2020	11	From stations M and N, two trains start moving towards each other at speed 125 km/h and 75 km/h respectively. When does the two trains meet each other? (A) 190 km (B) 200 km (C) 145 km (D) 225 km	Question Withdrawn
101	02-12-2020	12	The average of three consecutive odd numbers is 12 more than one third of the first of these numbers. What is the last of the three numbers? (A) 19 (B) 16 (C) 15 (D) 17	(A)
101	02-12-2020	13	A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day? (A) 12 days (B) 15 days (C) 16 days (D) 18 days	(B)
101	02-12-2020	14	A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20%? (A) 3 (B) 4 (C) 5 (D) 6	(C)
101	02-12-2020	15	The ratio of length and breadth of rectangle is 5:2 respectively. The respective ratio of its perimeter and area is 1:3 (irrespective of the unit). What is the length of the rectangle?	(C)

			(A) 27 units (B) 32 units (C) 21 units (D) 18 units	
101	02-12-2020	16	"The prevention of accidents makes it necessary not only that safety devices be used to guard exposed machinery but also that mechanics be instructed in safety rules which they must follow for their own protection, and that lighting in the plant be adequate." **The passage best supports the statement that industrial accidents –** (A) are always avoidable (B) may be due to ignorance (C) cannot be entirely overcome (D) can be eliminated with the help of safety rules	(D)
101	02-12-2020	17	In the following question, four words are given. Which of them will come last if all of them are arranged alphabetically as in a dictionary? (A) Asbestos (B) Assistant (C) Assessment (D) Asterisk	(D)
101	02-12-2020	18	Deepak is brother of Ravi. Rekha is sister of Atul. Ravi is son of Rekha. How is Deepak related to Rekha? (A) Brother (B) Son (C) Father (D) Nephew	(B)
101	02-12-2020	19	From the given alternatives select the word which **cannot** be formed using the letters of the given word. **SPECIFICATION** (A) FAINTING (B) PACIFIC (C) FACTION (D) TONIC	(A)

101	02-12-2020	20	Two motorcyclists P and Q start from the same point. P rides 11 km West, then turns South and rides 16 km, then turns to his right and rides 14 km. Q rides 30 km South then turns to his right and rides 25km, where is Q with respect to P now? (A) 14 km South (B) 44 km South (C) 44 km North (D) 14 km North	(A)
101	02-12-2020	21	If I can prove who the sender of a message is, which of the following services does my system provide? (A) Availability (B) Confidentiality (C) Integrity (D) Non-repudiation	(D)
101	02-12-2020	22	The process of extracting previously unknown valid and actionable information from large data to make crucial business and strategic decisions is called (A) Data Management (B) Database (C) Data Mining (D) Meta Data	(C)
101	02-12-2020	23	Which of the following is NOT an ERP? (A) SAP (B) JD Edwards (C) Sybase (D) PeopleSoft	(C)
101	02-12-2020	24	What is the range of bluetooth radio wave information transmission system? (A) 30 feet (B) 30 yards (C) 30 miles (D) 30 meters	(A)
101	02-	25	Which command is used to remove a table from the database in SQL?	(D)

	12-2020		(A) Delete table (B) Erase table (C) Unattach table (D) Drop table	
101	02-12-2020	26	Which of the following correctly lists computer memory types from highest to lowest speed? (A) Secondary Storage; Main Memory (RAM); Cache Memory; CPU Registers (B) CPU Registers; Cache Memory; Secondary Storage; Main Memory (RAM) (C) CPU Registers; Cache Memory; Main Memory (RAM); Secondary Storage (D) Cache Memory; CPU Registers; Main Memory (RAM); Secondary Storage	(C)
101	02-12-2020	27	Representation of data structure in memory is known as (A) Recursive (B) Abstract data type (C) Storage structure (D) File structure	(B)
101	02-12-2020	28	Which type of phishing is related to file sharing sites like Dropbox or Google drive? (A) Spear phishing (B) Shared document phishing (C) Pharming (D) Whaling	(B)
101	02-12-2020	29	In a public key encryption system, if A encrypts a message using his private key and sends it to B, (A) Even if B knows who sent the message it cannot be decrypted (B) It cannot be decrypted at all as no one knows A's private key (C) If B knows it is from A he can decrypt it using A's public key (D) A should send the public key with the message	(C)
101	02-12-	30	A packet of information that travels between a browser and web service is called	(D)

	2020		(A) Malware (B) Spyware (C) Adware (D) Cookie	
101	02-12-2020	31	Technology which is NOT related to ERP is (A) Business Process Re-engineering (B) Data Warehousing (C) Data Mining (D) Manufacturing Resource Planning	(D)
101	02-12-2020	32	What is data? (A) Raw and unorganised facts or figures (B) Information (C) Organised facts and figures (D) All of the options	(A)
101	02-12-2020	33	_____is a type of malicious software designed to block access to a computer system until a sum of money is paid. (A) Ransomware (B) Cryptojacking (C) Code red (D) Fleeceware	(A)
101	02-12-2020	34	Which editor is used by the UNIX system to edit files? (A) nt (B) notepad (C) wrd (D) vi	(D)
101	02-12-2020	35	What is the main programming language code developed by Eclipse? (A) C (B) JAVA (C) C++	(B)

			(D) VB	
101	02-12-2020	36	Which one of the following offers CPUs as integrated memory or peripheral interfaces? (A) Microcontroller (B) Microprocessor (C) Embedded system (D) Memory system	(A)
101	02-12-2020	37	Which of the statements are not true to classify VPN systems? (A) Protocols used for tunnelling the traffic (B) Whether VPNs are providing site-to-site or remote access connection (C) Securing the network from bots and malwares (D) Levels of security provided for sending and receiving data privately	(C)
101	02-12-2020	38	What does RPA stand for ? (A) Robotic Procedure Automation (B) Robotic Process Automation (C) Robotic Plan Automation (D) Robotic Practical Automation	(B)
101	02-12-2020	39	Which of the following is the port number for SMTP service? (A) 29 (B) 27 (C) 25 (D) 23	(C)
101	02-12-2020	40	A firewall protects which of the following attacks? (A) Phishing (B) Dumpster diving (C) Denial of Service (DoS) (D) Shoulder surfing	(C)
101	02-12-2020	41	VLOOKUP function in MS Excel is a/an (A) Math and Financial function	(C)

			(B) Logical function (C) Index Match function (D) Date and Time function	
101	02-12-2020	42	How is memory accessed in RISC architecture? (A) opcode instruction (B) load and store instruction (C) memory instruction (D) bus instruction	(B)
101	02-12-2020	43	Which switching technology reduces the size of a broadcast domain? (A) ISL (B) 802.1Q (C) VLAN (D) STP	(C)
101	02-12-2020	44	Point out the correct statement. (A) The use of the word “cloud” makes reference to the two essential concepts (B) Cloud computing abstracts systems by pooling and sharing resources (C) Cloud computing is nothing more than the Internet (D) All of the options	(B)
101	02-12-2020	45	_____is a database using in-memory technology (A) IBM DB2 (B) HANA (C) MaxDB (D) SAP Sybase	(B)
101	02-12-2020	46	_____ is an attack technique occurs when excess data gets written to a memory block. (A) Over buffering (B) Buffering (C) Buffer overflow (D) Memory full	(C)

101	02-12-2020	47	_____ is an ethical hacking technique used for determining what operating system (OS) is running on a remote computer. (A) Footprinting (B) Cyber-printing (C) OS penetration testing (D) OS fingerprinting	(D)
101	02-12-2020	48	Which of the following feature allows certain hardware subsystems to access main system memory independent of the central processing unit (A) Polling (B) Programmed IO (C) Direct cache mapping (D) Direct Memory Access	(D)
101	02-12-2020	49	The famous encryption specification AES (Advanced Encryption Standard) was developed by (A) National Institute of Standards and Technology (B) HP (C) IBM (D) IEEE	(A)
101	02-12-2020	50	The IP address of a host is 231.1.2.3. Which of the following is correct? (A) The host is 1.2.3 (B) This is a class D IP address (C) The net is 231 (D) All of the options	(B)
101	02-12-2020	51	In object oriented principles, encapsulation helps in (A) Information hiding (B) Low coupling (C) High cohesion (D) All of the options	(D)
101	02-	52	The number of binary trees with 3 nodes which when traversed in post order	(C)

	12-2020		gives the sequence X,Y,Z is (A) 3 (B) 4 (C) 5 (D) 6	
101	02-12-2020	53	_____ requires that a foreign key must have a matching primary key or it must be null. (A) Entity constraint (B) Referential integrity constraint (C) Both referential integrity and entity constraints (D) None of the options	(B)
101	02-12-2020	54	In the software applications development, which includes modifications and updations done in order to correct or fix the problems, that are either discovered by user or concluded by user error reports? (A) Adaptive maintenance (B) Corrective maintenance (C) Perfective maintenance (D) Preventive maintenance	(B)
101	02-12-2020	55	In software engineering development cycle, the state transition diagram is used (A) To indicate the system reactions to external events (B) To depict the functions that transform the data flow (C) To show the relationships among data objects (D) To show how data is transformed by system	(A)
101	02-12-2020	56	In computer networks, the technique of temporarily delaying outgoing acknowledgements so that they can be hooked onto the next outgoing data frame is known as (A) Bit stuffing (B) Pipelining (C) Piggy backing (D) None of the options	(C)
101	02-12-	57	The hexadecimal representation of the decimal value 2020 is	(B)

	2020		(A) 7F8 (B) 7E4 (C) 7D2 (D) 898	
101	02-12-2020	58	The following table has two attributes A and C where A is the primary key and C is the foreign key referencing A with on-delete cascade. <table><tr><th>A</th><th>C</th></tr><tr><td>2</td><td>4</td></tr><tr><td>3</td><td>4</td></tr><tr><td>4</td><td>3</td></tr><tr><td>5</td><td>2</td></tr><tr><td>7</td><td>2</td></tr><tr><td>9</td><td>5</td></tr><tr><td>6</td><td>4</td></tr></table>The set of all tuples that must be additionally deleted to preserve referential integrity when the tuple (2,4) is deleted is : (A) (5,2), (7,2) and (9,5) (B) (3,4) and (6,4) (C) (5,2) and (7,2) (D) (3,4), (4,3) and (6,4)	(A)
101	02-12-2020	59	Which of the following statements is FALSE ? (A) An ambiguous grammar can never be LR(k) for any k (B) An LL(1) parser is a top-down parser (C) LALR is more powerful than SLR (D) An unambiguous grammar has same leftmost and rightmost derivation	(D)
101	02-12-2020	60	In an IPv4 datagram, which of the following fields is not related to fragmentation? (A) Type of service (B) Fragment offset (C) Flags (D) Identification	(A)