

B	☐	Liabilities profile
C	☐	Technology environment profile
D	☐	Relationship profile
250		A DBMS consists of:
A	☐	Query processor and storage manager
B	☐	Storage manager and disk storage
C	☐	Disk storage and query processor
D	☐	Query processor, storage manager and disk storage
251		One of the main objectives of e-commerce is to attract as many customers as possible and reach out to them irrespective of where they are. Extensible Markup Language (XML) makes this possible by _____ feature.
A	☐	Standardisation
B	☐	Internationalisation
C	☐	Accessibility
D	☐	Manageability
252		IT operational efficiency is measured in terms of:
A	☐	Technological value added to the organisation.
B	☐	Its impact on other business processes and business units.
C	☐	Decreased costs and increased revenue.
D	☐	All the above
253		In Telecommunication Management Network (TMN) logical model, which layer supports decision-making process at high level?
A	☐	Network-Management Layer (NML)
B	☐	Network-Element Layer (NEL)
C	☐	Business-Management layer (BML)
D	☐	Service-Management Layer (SML)
254		Which of the following is essential to understand the organisation's business risks relating to Router security?
A	☐	Network Architecture
B	☐	Network traffic management
C	☐	Network security
D	☐	Configuration process
255		Which of the following should form a part of the approach to framing the intranet security policy?
A	☐	Identifying the resources to be protected
B	☐	Designing the techniques for implementing the security
C	☐	Performing penetration testing
D	☐	Communication of the policy to all the employees
256		Sometimes, the business requirements of the acquisition may clash with the security considerations. In such a case
A	☐	The security needs to be given first priority irrespective of cost.
B	☐	Business requirements need to be given first priority irrespective of security.
C	☐	A trade off -needs to be made between complexity and security.
D	☐	None of the above
257		Which of the following is essential in the process of system migration?

A	☐	A comprehensive strategy for reengineering project
B	☐	Monitoring the system engineering contractors
C	☐	Existence of configuration management
D	☐	All the above
258		Which one of the following statements is true with regard to data analysis for framing a security strategy?
A	☐	Only incoming data needs to be protected during transmission
B	☐	Only outgoing data needs to be protected
C	☐	Both incoming and outgoing data needs to be protected during transmission.
D	☐	None of the above.
259		_____ agreements define the contracts relating to the utilisation of services of one department by the other in the company.
A	☐	Service level agreement
B	☐	Outsourcing contracts
C	☐	Property contracts
D	☐	Insurance contracts
260		The overall objective of keeping an inventory of all IT components is to
A	☐	Prevent any unauthorised alteration to the components
B	☐	Provide for physical verification of the components
C	☐	Provide a record of the changes made to the components
D	☐	All of the above
261		Which of the following data is processed and analysed to develop reports?
A	☐	User ID
B	☐	URL
C	☐	Time Stamp
D	☐	All the above
262		Which of the following method would help in preventing wireless eavesdropping?
A	☐	Using a code known only to the receiver
B	☐	Using a paper shredder to destroy all paper documents that are not needed
C	☐	All entry points to the building must be guarded with electronic locks
D	☐	Computer must be locked if employee is not at his desk
263		What is the overall objective while acquiring/developing system software?
A	☐	To strike a right balance between costs and benefits
B	☐	To provide a efficient and effective way to choose solutions
C	☐	To satisfy user's requirement
D	☐	All of the above
264		Which of the following procedures should the operations manual include with regard to the development and maintenance of procedures?
A	☐	System requirements
B	☐	Required software
C	☐	Execution sequence of programs
D	☐	Data entry screens
265		Which of the following information is stored in the CMOS?
A	☐	Basic configuration information

B	☐	Integrated peripheral configuration
C	☐	Setting the password for the hardware
D	☐	All of the above
266		In a PKI audit, the auditor needs to gain an understanding of
A	☐	The PKI architecture
B	☐	The trust model
C	☐	The uses of the certificates
D	☐	All of the above
267		-----is an audit requirement in an online audit
A	☐	Privacy issues
B	☐	Security issues and their loopholes
C	☐	Issues pertaining to breach of contract and violation of intellectual property rights
D	☐	All of the above
268		Which of the following is false with related to Spyware?
A	☐	It is used to gather information related to users hobbies and interest
B	☐	It is used to provide information to user
C	☐	It is used to collect the user's system configuration
D	☐	It is not obvious to User of its functionalities
269		Which of the following is a Polymorphic virus?
A	☐	The virus changes the application of program when infected
B	☐	The virus infects application in different ways
C	☐	The virus encrypts the infected file and then stops functioning
D	☐	The virus has a decryption routine, encrypted virus body and a decryption routine
270		Where do traffic shaping parameters feature in a voice network?
A	☐	Software Stability
B	☐	Redundancy
C	☐	Protocol Resilience
D	☐	Distributed Intelligence

271		Which of the following requires two different keys for encryption and decryption:
A	☐	Symmetric Cryptography
B	☐	Asymmetric Cryptography
C	☐	Cryptanalysis
D	☐	Cryptology
272		Circuit switching technology is used for:
A	☐	Sending data in small packets as in emails.
B	☐	Sending data continuously in an order as in voice or video messages.
C	☐	Switching on and off circuits in the telecommunications network.
D	☐	Storing messages and then transmitting them to the next node depending on the address.
273		Corporate guidelines to download anti-virus software from the official site help to
A	☐	Detect virus
B	☐	Prevent virus
C	☐	Correct virus
D	☐	Contain virus
274		Which feature of RBAC specifies event-triggered conditions?
A	☐	Role perspective
B	☐	Role activation
C	☐	Role hierarchy
D	☐	Role based management
275		What function does Address Resolution Protocol (ARP) perform?
A	☐	It relates IP addresses to Ethernet addresses
B	☐	Prevents two computers from using the same IP address
C	☐	Enables a diskless workstation to know its IP address by broadcasting its Ethernet address
D	☐	Resolves a name like www.themanagementor.com to the IP address of the computer hosting the web site
276		Searching for weaknesses in the Windows NT and Unix Operating Systems is an example of:
A	☐	Active attack
B	☐	Security control bypassing attack
C	☐	Passive attack
D	☐	Tear-drop attack
277		Internal testing is a part of _____
A	☐	Stress testing
B	☐	Penetration testing
C	☐	Beta testing
D	☐	Acceptance testing
278		What feature of the Windows 2000 Operating System provides a single, centralised security administration capability?
A	☐	Active Directory Integration
B	☐	Flexibility in Authentication
C	☐	Consistently enforcing Authorisation
D	☐	Public Key Infrastructure
279		The conceptual model of a database is an output of which process?
A	☐	Prior analysis

B	☐	Logical design
C	☐	Physical design
D	☐	Testing
280		The 'Resolution power' of a Printer measures its:
A	☐	Speed
B	☐	Quality
C	☐	Type
D	☐	Memory
281		Different controls are required in the software whether they are re purchased, customised or developed. The auditor while auditing the LAN determines that
A	☐	There exists a license agreement for purchased software
B	☐	All the users have contact number of the vendor
C	☐	Users can ask the vendor to customize the software as required by them
D	☐	All the software used by the company is accessible by everybody on the LAN
282		Which of the following is true with regard to a good Intrusion Detection System Software?
A	☐	It can investigate intrusions without human intervention
B	☐	It can compensate for exploits based on errors in network protocols
C	☐	It is able to resist unauthorised modifications to itself
D	☐	It is able to analyse all of the traffic on a busy network
283		Which of the following is true regarding ActiveX controls?
A	☐	ActiveX is a completely unsafe technology
B	☐	ActiveX controls are nothing but exe files run inside Web Browsers
C	☐	A digitally-signed control is completely safe
D	☐	Even a digitally-signed control may be dangerous
284		Factors such as Distribution channel and Target Segment are considered in which of the following profiles
A	☐	Cultural Profile
B	☐	Relationships Profile
C	☐	Technology environment profile
D	☐	Existing security profile
285		Where is the service logic located in an Advance Intelligent Network (AIN)?
A	☐	Service Control Point (SCP)
B	☐	Service Switching Point (SSP)
C	☐	Intelligent Peripheral (IP)
D	☐	Location Routing Number (LRN)
286		One of the main objectives of e-commerce is to attract as many customers as possible and reach out to them irrespective of where they are. Extensible Markup Language (XML) makes this possible by feature.
A	☐	Standardisation
B	☐	Internationalisation
C	☐	Accessibility
D	☐	Manageability
287		In the Software Capability Maturity Model, the Productivity and Quality of a software project is measured in

A	☐	Level 1
B	☐	Level 2
C	☐	Level 3
D	☐	Level 4
 288		The auditor while conducting the audit of software change management should ensure that changes are
A	☐	Tested, accepted by the users and implemented
B	☐	Accepted by the users
C	☐	Accepted by the users and implemented
D	☐	None of the above
 289		Which one of the methods can be used to prevent spoofing?
A	☐	Adding packet filters to routers.
B	☐	Blocking packets with obviously spoofed addresses.
C	☐	Applying an access control list to the Ethernet from the terminal card
D	☐	All of the above
 290		The present IT governance environment tries to enhance business growth and _____ ?
A	☐	Enables auditor and technology managers to work closely
B	☐	Provides resources
C	☐	Effective utilisation of resources
D	☐	Delivering right services
 291		Which of the following is evaluated in security controls review in the implementation level of the Security Maturity Levels?
A	☐	Separation of duties
B	☐	Security controls for systems and programmes
C	☐	Job description and individual responsibilities
D	☐	Behaviour rules
 292		In a standard operating environment, PCs are not expected to have
A	☐	Standard applications
B	☐	Installed applications
C	☐	Unauthorised applications
D	☐	Licensed applications
 293		Which of the following is not a function of Metropolitan Networks (MANs)?
A	☐	Providing end-to-end security
B	☐	Convergence of data/video/audio
C	☐	Providing connectivity to vast areas e.g. a country, continent and the like
D	☐	Routing data traffic from LANs to WANs or to other LANs in the same metro region
 294		FTP is more reliable than HTTP because
A	☐	It uses separate channels for data transmission and flow control
B	☐	It transfers data from the web server
C	☐	It transfers data from the file server
D	☐	It copies files to the user's hard disk in the destination specified by the user
 295		What are terminators in a bus topology used for? A) B) C) D)
A	☐	To prevent messages from colliding with each other

B	☐	To transfer message from one workstation to the other
C	☐	To add newer branches to the main cable
D	☐	To terminate a communication session between the two terminals
296		A security mechanism follows the principle of "Security through Obscurity." This is a vulnerability that can be classified as:
A	☐	Logic Error
B	☐	Weakness
C	☐	Policy Error
D	☐	Social Engineering
297		Which one of the following activities should be performed for auditing operations management to substantiate the control procedures?
A	☐	Review of sample IT manuals
B	☐	Examination of start-up procedures
C	☐	Examination of schedule of processing
D	☐	All of the above
298		Which of the following about SNA cluster controllers is true?
A	☐	They come with the D model
B	☐	They are Link-attached cluster controllers
C	☐	They are called as physical unit devices
D	☐	They come with model number c
299		Which of the following is TRUE of Instant Messaging?
A	☐	They are used only for exchanging messages
B	☐	They not safe from eavesdropping
C	☐	Files cannot be transferred with their help
D	☐	They are safe from virus threats
300		802.11b is an IEEE standard for wireless LANs. Which one of the following protocol supports the secure wireless communication in respect of 802.11b: -
A	☐	Wired Equivalent Privacy (WEP) protocol
B	☐	Hyper Text Transfer Protocol (HTTP)
C	☐	Simple object Access Protocol (SOAP)
D	☐	All of the above

301		The concurrent development model is used when:
A	☐	The project under development is very complex
B	☐	Two projects have to be tracked simultaneously
C	☐	Various projects have to be tracked simultaneously
D	☐	Various activities within a single project have to be tracked simultaneously
302		Which application of Biometrics employs speech recognition systems?
A	☐	Employee records
B	☐	Telecommunications
C	☐	Banking
D	☐	Forensics
303		Stress testing is mainly done to test the _____.
A	☐	Feasibility of a program
B	☐	Database reliability.
C	☐	Website
D	☐	Efficiency of hardware components.
304		Access to the Electronic Funds Transfer (EFT) terminal should be restricted to authorised persons. The auditor need not
A	☐	Check the security of the place in which the terminal is located
B	☐	Check whether or not the terminal is kept locked when not in use
C	☐	Check the level of management supervision over the terminal
D	☐	Check if there is a proper segregation of duties
305		The IT auditor considers the controls that are present for the evaluation of the internal controls. Which of the following controls cuts across the hierarchical line and follow the data as it flows in the organisation?
A	☐	Corrective controls
B	☐	Management controls
C	☐	Application controls
D	☐	Detective controls
306		The size of a cell does not depend upon _____
A	☐	The subscriber density
B	☐	Demand in an area
C	☐	The landscape
D	☐	The subscriber's conversation time
307		What is the similarity between a GSM (Global System for Mobile Communication) network and EDGE (Enhanced Data for GSM Environment)?
A	☐	Both use the TDMA frame structure
B	☐	Both deliver a data rate of 384 Kbps
C	☐	Both use the same transceiver unit
D	☐	Both use phase shift modulation
308		MIME essentially acts as:
A	☐	A transport agent for e-mail
B	☐	An interface between the mail client and the web server
C	☐	A compressor that packages different formats into SMTP compatible type

D	☐	None of the above
309		Which of the following is NOT a security concern while using Java?
A	☐	Intrusion of Privacy
B	☐	Message digests
C	☐	Denial of Service
D	☐	Irritations
310		The relationship with vendors is important from the view of maintenance of the systems and servicing. The auditor in his review of LAN ensures that software meets the demand of the company and
A	☐	The vendor reliability is not important
B	☐	The license agreement exists
C	☐	The vendor support for the installation, training need not exist
D	☐	The software is purchased without approval of the senior officials
311		Output controls ensure that output is accurate, complete and produced when required. The auditor during the course of his audit of output controls does not look into which of the following:
A	☐	All pages of the report are numbered consecutively
B	☐	Comparison between the actual data totals and totals of record counts is done at regular interval
C	☐	Proper procedure for classification of output exists
D	☐	Output of test runs and procedure runs are kept separately
312		Which of the following is not true with regard to Commercial Off-The-Shelf (COTS) systems:
A	☐	Commercial Off-The-Shelf are highly secured
B	☐	The cost of developing Commercial Off-The-Shelf is very high
C	☐	There is no possibility of mismatch between Commercial Off-The-Shelf components
D	☐	The component user has little or no control over the evolution of component
313		The integrity of system cannot be lost due to
A	☐	Trojan Horse
B	☐	Packet Sniffers
C	☐	Brute force attack
D	☐	Firewalls
314		Which of the following is true with regard to a computerised environment?
A	☐	Separation of duties is not possible
B	☐	A clear line of authority and responsibility exists
C	☐	Highly skilled persons are not required to develop, modify and operate the system
D	☐	Audit trails are not available by default on all software
315		Which of the following is incorrect with regard to IP multicasting?
A	☐	It distributes large amounts of data.
B	☐	It reduces the choking of bandwidth, due to high data traffic.
C	☐	It requires additional resources for efficient delivery of data .
D	☐	It is a group concept.
316		The decision of audit committee regarding the trade off between the performance non-audit role and audit role by the IS auditor will be influenced by which of the following factor?

A	☐	Availability of alternative person to perform either role
B	☐	Ability of IS auditor to educate the IS team
C	☐	Career development and future planning for IS auditor
D	☐	All of the above
317		_____ is the process of organising data in tables with the object of eliminating redundancy and inconsistent dependency.
A	☐	Kerberos
B	☐	Data Modelling
C	☐	Normalisation
D	☐	Data mining
318		To prevent database overload and server crash, which of the following events require monitoring?
A	☐	Physical disk % disk time
B	☐	Logical disk % disk time
C	☐	Logical disk % free space
D	☐	All of the above
319		Which of the following functions does the client in a client/ server application provide?
A	☐	Providing connectivity
B	☐	Remote Procedure Call
C	☐	Job scheduling
D	☐	Quality assurance
320		Which of the following is false in relation to Structured programming?
A	☐	It involves rewriting the code
B	☐	Simplifies programming
C	☐	Divides code into modules for manageability
D	☐	Uses the top down approach
321		To prevent operators from accessing program documentation production source version is the function of
A	☐	Library controls
B	☐	Operator controls
C	☐	Equipment controls
D	☐	All the above
322		With regard to the implementation of new IT solutions, the system development function is independent of
A	☐	Quality assurance function
B	☐	Maintenance
C	☐	Operations
D	☐	All of the above
323		Which one of the following is absent in the TCP/IP reference Model?
A	☐	Presentation Layer
B	☐	Host-to-network Layer
C	☐	Transport Layer

D	☐	Application Layer
324		The ISO 17799 that is based on BS 7799, a British Legislation is used as
A	☐	International Standards
B	☐	British Standards
C	☐	European Standards
D	☐	None of the above
325		Which of the following is not true of a job scheduler?
A	☐	It allocates CPU time and memory so as to increase turnaround time and in turn CPU utilisation
B	☐	It provides a real-time interactive programming environment to the users
C	☐	It generates reports on job status and maintains error logs
D	☐	It sends alerts to users on receiving mails, pager or messenger services
326		Which of the following is not a feature offered by a web browser? A. B. C. D.
A	☐	A web browser allows navigation from one web page to the other
B	☐	It allows to save a current web page
C	☐	It connects a workstation to the internet
D	☐	It makes all the web pages on the WWW accessible
327		Which of the following questions statements is true with regard to using the usage of SQL based query tools in auditing?
A	☐	They can be used in all computing environments.
B	☐	They can be used only when data is stored in relational data bases.
C	☐	It performs the functions of the a generalised audit software also.
D	☐	All of the above
328		-----is an audit requirement in an online audit
A	☐	Privacy issues
B	☐	Security issues and their loopholes
C	☐	Issues pertaining to breach of contract and violation of intellectual property rights
D	☐	All of the above
329		Which of the following is/are involved in effective risk assessment process?
A	☐	Setting an objective
B	☐	Identifying areas prone to risks
C	☐	Assigning values to risks
D	☐	All the above
330		Where does the call processing routine feature in the system architecture study for possible vulnerability analysis in a PBX?
A	☐	Administrative terminals
B	☐	Switching algorithm
C	☐	Dual connections
D	☐	Function allocatio

331		Which of the following is not an aspect of data mining?
A	☐	Data collection
B	☐	Powerful multiprocessor computers
C	☐	Data mining algorithms
D	☐	Decision trees
332		Which is the function that the audit software does not perform?
A	☐	Scan each machine separately
B	☐	Decide on the sampling method to be used
C	☐	Report the program that it does not recognise
D	☐	Identify software that is loaded, completely or partially
333		When planning a software audit, the management does not consider:
A	☐	The timing of the audit
B	☐	Persons who should conduct the audit
C	☐	Keeping the audit objective secret
D	☐	Providing access to the required facilities
334		In which of the following services is Public Key Infrastructure (PKI) and Digital certification not a useful feature.
A	☐	Virtual Private Networks
B	☐	Web Authentication
C	☐	File Encryption
D	☐	Circuit Switching
335		Since it is the end-users who are going to use an application, they must be consulted and their opinions must be incorporated if found reasonable. Which of the following principle of User-Interface Design reflects the above statements?
A	☐	User-Perceptions
B	☐	Context-Sensitivity
C	☐	User Testing
D	☐	Aesthetics
336		Which feature gives Time Division Multiple Access the edge over other spread spectrum technologies?
A	☐	Hierarchical cell structures
B	☐	Extended TDMA
C	☐	Elimination of interference
D	☐	Reduced infrastructure costs
337		Which feature in UMTS (Universal Mobile Telecommunication system) security is not derived from GSM standards?
A	☐	Subscriber identity module
B	☐	Radio interface encryption
C	☐	Security against false base stations through mutual authentication
D	☐	Subscriber identity confidentiality
338		Which of the following is not true with regard to Black Box Testing.
A	☐	[a] It may leave many program paths untested.
B	☐	[b] Both the tester and programmer are independent of each other.

C	☐	[c] Requires knowledge of internal working of the program.
D	☐	[d] Tests are designed to know if the system is sensitive to certain input values.
339		Which of the following allows the most granular access control mechanism for database security ?
A	☐	System and Object Privileges
B	☐	Database Integrity mechanisms
C	☐	Data Encryption
D	☐	Row-Level Security
340		CASE Tools do not help in
A	☐	Understanding requirements
B	☐	Code generation
C	☐	Security Labels
D	☐	System prototyping
341		In the Software Capability Maturity Model, the Productivity and Quality of a software project is measured in -
A	☐	Level 1
B	☐	Level 2
C	☐	Level 3
D	☐	Level 4
342		In distributed computing all the jobs are processed in:
A	☐	Serial order
B	☐	Altered
C	☐	parallel order
D	☐	Depends upon the application to be processed
343		A risk exposure in the context of a risk model for operations involves
A	☐	Only the probability of the risk occurring
B	☐	Only the impact of the risk
C	☐	Both the probability of occurrence and the impact of the risk
D	☐	The probability of occurrence or the impact of the risk.
344		The _____ component of LAN is used for communication between different networks.
A	☐	Gateway
B	☐	Network Interface Unit
C	☐	Hub
D	☐	File server
345		Which of the following is not the advantage of decentralised form of organisational structure?
A	☐	Better information
B	☐	Low communication cost
C	☐	Consistency
D	☐	High-speed
346		The overall objective of defining the technological infrastructure is to
A	☐	To deploy the current technologies that are available

B	☐	Deploying technologies that meet the business objectives
C	☐	To set the technological standards
D	☐	To define the migration procedure to be adopted when installing the new technology
	347	Which of the following servers provide the business functionality required by a company?
A	☐	File server
B	☐	Application server
C	☐	Database server
D	☐	Communication server
	348	Which of the following is not a use of network traffic measurement?
A	☐	Monitoring the performance of the network
B	☐	To find out the efficiency and effectiveness of an application or protocol
C	☐	To determine if the applications are running correctly and according to predetermined standards
D	☐	None of the above
	349	In which area should the auditor gather information before commencing the audit?
A	☐	Established policies
B	☐	Audit plans
C	☐	IT opportunities in the organisation
D	☐	Detective risk
	350	The auditor can obtain preliminary understanding of an IT activity by interviewing the relevant management and staff and reviewing the related documents. Which of the following is not relevant to understand human factor?
A	☐	HR department representative and associated staff
B	☐	Security management representative and associated staff
C	☐	IT human resources representative
D	☐	Chief Executive Officer
	351	A session is
A	☐	A link between two network nodes
B	☐	Series of transmissions without any disconnection
C	☐	A specific connection place in a system
D	☐	Bi-directional dataflow between two network nodes
	352	Which of the following components need not to be included for testing in the audit guidelines on performance and capacity management? [a] [b] [c] [d]
A	☐	Accurate quantitative information on performance and capacity management
B	☐	Result of performance & capacity management have been provided to all interested parties and vendors
C	☐	Areas where efficiency can be improved
D	☐	Users' awareness about performance and capacity management
	353	In order to assess the weaknesses in incident management the auditor should identify
A	☐	Whether operational levels are communicated to the appropriate personnel
B	☐	Incidents that are not resolved as per the defined process
C	☐	Projects that are not adequately tested

D	☐	Failure in identifying and recording the costs
353 354		Which of the following forms part of building intelligence in an accounts audit software?
A	☐	Review the entire account process
B	☐	Analysing the exposures and performing a cost benefit analysis
C	☐	Defining the exception reports that should be generated
D	☐	All of the above
354 355		Question: An Automated Security system is capable of:
A	☐	Selection of systems to attack
B	☐	Expunging the evidence of automated crime
C	☐	Protecting evidence of automated crime
D	☐	Exploiting the weaknesses in systems to attack
355 356		Question: Which of the following ensures maximum security of information and data to the organisation?
A	☐	One size fits all security toolbox
B	☐	Security programme that brings together the hardware and software to achieve the desired policies
C	☐	Technology added in bits and pieces
D	☐	Implementation of technology at different business units individually.
356 357		Which of the following is an example of LMDS (Local Multipoint Distribution Services)?
A	☐	Cable television networks
B	☐	Mobile networks
C	☐	Wireless access networks
D	☐	Customer premise configuration
357 358		A reengineering project may fail due to
A	☐	Lack of proper observation and assumptions
B	☐	Lack of training for the workforce
C	☐	Inadequate documentation of requirements of the target system
D	☐	All of the above
358 359		----- is a type of tool for realising online transactions
A	☐	Physical terminal transaction systems
B	☐	Software terminal transaction systems
C	☐	Virtual terminals or gateways
D	☐	All of the above
359 360		Where do traffic shaping parameters feature in a voice network?
A	☐	Software Stability
B	☐	Redundancy
C	☐	Protocol Resilience
D	☐	Distributed Intelligence

361		Which of the following is an application level firewall?
A	☐	Packet filtering routers
B	☐	Proxy systems
C	☐	Stateful inspection
D	☐	Circuit layer gateways
362		The following device is used to connect one type of IEEE 802.x LAN to another
A	☐	Router
B	☐	Repeater
C	☐	Bridge
D	☐	No device is necessary as they are all compatible and are hence grouped under 802 series
363		To enforce the email policy, the management in order need not:
A	☐	Educate employees
B	☐	Educate third parties
C	☐	Take prompt action in case of misuse or complaints
D	☐	Prohibit subscription to e-newspapers and e-groups
364		Which of these access control mechanisms is not based on multi-level security?
A	☐	Mandatory Access Control (MAC)
B	☐	Discretionary Access Control (DAC)
C	☐	Role Based Access Control (RBAC)
D	☐	Internal Access Control
365		Given below are major types of storage devices 1) Cache 2) Magnetic –disk 3) Flash 4) Main Memory 5) Tape Storage 6) Optical Storage Rank them in the increasing order of their reading/writing capability.
A	☐	1,2,3,4,5,6
B	☐	5,6,2,3,4,1
C	☐	6,5,4,3,2,1
D	☐	2,5,3,1,6,4
366		Rapid Application Development is not appropriate when the development cycle involves
A	☐	[a] Reusability
B	☐	[b] Short time cycle
C	☐	[c] High technical risks
D	☐	[d] Small-integrated teams
367		The Internet protocol (IP) address is
A	☐	Always same for any server.
B	☐	More than 32 bits to provide high security
C	☐	Can change even if the Domain Name remains the same
D	☐	Not a part of the DNS
368		The Fibre Distributed Data Interface (FDDI) is a dual ring LAN that uses a fibre optic cable. The ring is segmented when
A	☐	One ring fails
B	☐	One station fails
C	☐	Two rings fail

D	☐	One device fails
369		Which of the following is not the objective of the establishment of security management structure?
A	☐	Organisation management structure is identified
B	☐	Security management has the required independence
C	☐	There exists an optimal coordination and communication between the IT and the security structure
D	☐	Security management has the overall responsibility of security
370		Possible errors related to a security issue during application development can be identified by reviewing-
A	☐	System logs
B	☐	Security policies
C	☐	Code reviews
D	☐	System configuration files
371		Which one of the following forms a part of transmission control in EDI control layers?
A	☐	Interchange
B	☐	Functional group
C	☐	Transaction set
D	☐	None of the above
372		Which one of the following statement is not true with regard to physical security?
A	☐	Examining the age of the cabling is not significant
B	☐	Lack of proper cooling facility may cause hardware failure
C	☐	Locked gates, entrances, parking places are properly lit
D	☐	Employees have to undergo training in physical security
373		In distributed computing all the jobs are processed in:
A	☐	Serial order
B	☐	Altered
C	☐	parallel order
D	☐	Depends upon the application to be processed
374		Which of the following is not an advantage of multiprogramming?
A	☐	Increased throughput
B	☐	Shorter response time
C	☐	Assignment of priorities to jobs
D	☐	Decrease in primary storage requirements
375		----- records any event related to a programme in the system
A	☐	Security log
B	☐	System log
C	☐	Application log
D	☐	None of the above
376		Which of the following is not a construct in structured programming?
A	☐	Loop
B	☐	Sequence

C	☐	Module
D	☐	Test
377		Which of the following operation appropriately describes "Transaction Processing"?
A	☐	Converting data from source document to a machine readable form.
B	☐	Grouping the transactions into batch
C	☐	Allocating batch numbers to a group of transactions
D	☐	Preparing a report with batch totals
378		Which of the following is not the advantage of decentralised form of organisational structure?
A	☐	Better information
B	☐	Low communication cost
C	☐	Consistency
D	☐	High-speed
379		The primary objective of controlling the IT funding is to
A	☐	To increase revenue from IT services
B	☐	To reduce costs of IT functions
C	☐	Ensure adequate funding for the IT functions
D	☐	All of the above
380		With regard to auditing project management to ensure that the need and resources exist for the project the auditor needs to review the
A	☐	Feasibility study report
B	☐	The project management plan
C	☐	The project quality assurance plan
D	☐	All of the above
381		Which of the following is not an essential feature of effective computerisation system in a bank?
A	☐	Effective customer service
B	☐	Effective back office integration
C	☐	Focus on manual records
D	☐	System should identify the inter branch transactions
382		Which of the following statements is not true of floppy disk drives?
A	☐	Floppy disks are used for transferring data from one machine to the other
B	☐	Floppies are used for backups and storing smaller files
C	☐	Floppies have higher track density as compared to hard disks
D	☐	Floppy disks are removable memory devices
383		Which of the following is not an operation mode specified for HDLC (High level Data Link Control)?
A	☐	Normal response mode
B	☐	Unbalanced mode
C	☐	Asynchronous response mode
D	☐	Asynchronous balanced mode
384		Which of the following steps is not involved component based software development?

A	☐	System evolution
B	☐	Component qualification
C	☐	User requirement analysis
D	☐	Component adaptation
385		What does a switching mode power supply do?
A	☐	Converts raw input power to stabilised dc power
B	☐	Converts dc to ac
C	☐	Enhances output of a circuit
D	☐	Switches to and fro between high and low power fluctuations
386		Duplicate payments is an example of ----- type of fraud profile
A	☐	Static
B	☐	Dynamic
C	☐	Both static and dynamic
D	☐	None of the above
387		----- is a risk associated with the accounts payable area
A	☐	Unauthorised payments
B	☐	Duplicate payments
C	☐	Inefficiency in the payments systems
D	☐	All of the above
388		With regard to monitoring intranet performance it is ideal to collect data during -----
A	☐	Peak period
B	☐	Non peak period
C	☐	Both peak and non peak period
D	☐	Either peak or non peak period
389		Which among the following components of a telephone system uses fibre optics?
A	☐	Trunks
B	☐	Switching office
C	☐	Local loops
D	☐	Toll office
390		In remote connection security for GPRS (Global Packet Radio Service), which of the following method encryption of message is done at client VPN (Virtual Private Network): -
A	☐	End-to-end VPN
B	☐	Network level VPN
C	☐	Dedicated connection from GGSN
D	☐	None of the above

391	Which feature of RBAC specifies event-triggered conditions?
A	Role perspective
B	Role activation
C	Role hierarchy
D	Role based management
392	Which of the computer assisted audit techniques and tools help the auditor to identify the impact of delays and rescheduling audit plans
A	Planning and scheduling
B	Project management and audit tracking
C	Inventory of the audit universe
D	Risk analysis
393	Software change management –
A	Is all about managing alterations, irrespective of the stage of lifecycle of a product
B	Is done only in the development stage
C	Is done only in the maintenance stage
D	Activities decrease after the product release.
394	Penetration testers in an attempt to penetrate into the system or the network use different techniques to break in. Which of the following techniques do they employ to obtain critical information for the company's employees?
A	Password cracking
B	Social engineering
C	Physical security
D	Logical security
395	Which of the following does not fall under the category of operational controls?
A	Personnel security
B	Logical access control
C	Physical protection
D	Environmental protection
396	Social Engineering is:
A	Creating a team for software development
B	Referred to as people hacking
C	A technique to motivate teams
D	A training method software development team
397	Which of the following is NOT a feature of Software Keystroke loggers?
A	They are difficult to detect
B	No physical device is needed to be installed

C	☐	They can transmit the keystrokes externally via the network
D	☐	They cannot record BIOS passwords
398	☐	The decision of audit committee regarding the trade off between the performance non-audit role and audit role by the IS auditor will be influenced by which of the following factor?
A	☐	Availability of alternative person to perform either role
B	☐	Ability of IS auditor to educate the IS team
C	☐	Career development and future planning for IS auditor
D	☐	All of the above
399	☐	Which of the following is not a component of Graphical User Interface?
A	☐	Pointer
B	☐	Icon
C	☐	File
D	☐	Window
400	☐	The _____ component of LAN is used for communication between different networks.
A	☐	Gateway
B	☐	Network Interface Unit
C	☐	Hub
D	☐	File server
401	☐	The access to the restricted areas in the company is on the basis of something which the employee has, which he knows or which he possesses. Fingerprints come under which category
A	☐	Something which the employee has
B	☐	Something which he knows
C	☐	Something which he possesses
D	☐	None of the above
402	☐	Which of the following is not a construct in structured programming?
A	☐	Loop
B	☐	Sequence
C	☐	Module
D	☐	Test
403	☐	To prevent operators from accessing program documentation production source version is the function of
A	☐	Library controls
B	☐	Operator controls
C	☐	Equipment controls

D	☐	All the above
404		A key clause in any outsourcing contract is
A	☐	Data protection
B	☐	Expected improvement in performance
C	☐	Deciding on the process to be outsourced
D	☐	To understand the reasons for outsourcing
405		The overall objective of framing long term and short term IT plans is
A	☐	To meet the business requirements
B	☐	To increase the effectiveness of resource utilisation
C	☐	To increase the revenue
D	☐	To ensure optimal utilisation of resources
406		In which phase of the primary operating system is software tested?
A	☐	Project
B	☐	Pre-alpha
C	☐	Alpha
D	☐	Golden master
407		Which of the statements is true with regard to conversion plan for new system deployment?
A	☐	It does not include system conversion
B	☐	During migration, old master files need not be updated
C	☐	Output of old systems are to be compared with new system output.
D	☐	All of the above
408		Which of the following servers provide the business functionality required by a company?
A	☐	File server
B	☐	Application server
C	☐	Database server
D	☐	Communication server
409		Which of the following workshops is not a part of the adoption process in the intranet organisational development programme?
A	☐	Planning workshop
B	☐	Administrators' workshop
C	☐	Publishers' workshop
D	☐	Editors' workshop
410		Which of the following goals focus on organisational and individual development?
A	☐	Existential goals

B	☐	Referential goals
C	☐	Organisational goals
D	☐	Individual goals
411		Every protocol communicates with A) B) C) D)
A	☐	A protocol in the same layer on a remote computer
B	☐	A layer with the same function as of the protocol on a remote computer
C	☐	An implementation of the same protocol in the equivalent layer on a remote computer
D	☐	The same protocol in the equivalent layer on a remote computer
412		Which of the following is not a function of Metropolitan Networks (MANs)?
A	☐	Providing end-to-end security
B	☐	Convergence of data/video/audio
C	☐	Providing connectivity to vast areas e.g. a country, continent and the like
D	☐	Routing data traffic from LANs to WANs or to other LANs in the same metro region
413		Question: Which of the following deals with maintaining the information in the original form?
A	☐	Confidentiality
B	☐	Availability
C	☐	Integrity
D	☐	All the above
414		Question: Which of the following is referred as Continuous auditing?
A	☐	Auditing a particular subject on real time basis
B	☐	Auditing the operational efficiency
C	☐	Auditing the internal control efficiency
D	☐	Auditing a particular subject at the end of the year
415		Which of the following accounting issues may cause problems while implementing accounting software?
A	☐	Adequate controls to ensure the integrity of accounting data
B	☐	Altering the accounting procedures whenever software is altered
C	☐	Ignoring policies and procedures by employees
D	☐	None of the above
416		Location of network controllers, cables and videos are evaluated to ensure:
A	☐	Dial-up security
B	☐	Physical security
C	☐	Performance integrity
D	☐	Logical security

417		A reengineering project may fail due to
A	☐	Lack of proper observation and assumptions
B	☐	Lack of training for the workforce
C	☐	Inadequate documentation of requirements of the target system
D	☐	All of the above
418		Which of the following about SNA cluster controllers is true?
A	☐	They come with the D model
B	☐	They are Link-attached cluster controllers
C	☐	They are called as physical unit devices
D	☐	They come with model number c
419		Which among the below is a security threat to a Wi-Fi wireless LAN?
A	☐	War driving
B	☐	DMZ (Demilitarised Zones)
C	☐	CSMA (carrier sense multiple access)
D	☐	Complementary Code keying (CCK)
420		Which among the following components of a telephone system uses fibre optics?
A	☐	Trunks
B	☐	Switching office
C	☐	Local loops
D	☐	Toll office

421	The feasibility study is conducted after _____ phase
A	Business requirement
B	Need/ user request
C	Design specification
D	Program specification
422	The conceptual model of a database is an output of which process?
A	Prior analysis
B	Logical design
C	Physical design
D	Testing
423	How is the DNS implemented on the client side?
A	Through "Binding"
B	Through "Resolver" programs
C	Through "Virtual hosting"
D	By registering with a "registrar" company
424	A risk exposure in the context of a risk model for operations involves
A	Only the probability of the risk occurring
B	Only the impact of the risk
C	Both the probability of occurrence and the impact of the risk
D	The probability of occurrence or the impact of the risk.
425	Which of the following is not the reason for the use of Single Sign On (SSO)?
A	Use of different systems and applications
B	Social engineering
C	Labour turnover
D	Password synchronisation
426	_____ is a control objective of the IT task of internal control assessment.
A	Review of internal control
B	Timeliness of control operations
C	External independent assurance
D	All of the above
427	Which of the following information is stored in the CMOS?
A	Basic configuration information
B	Integrated peripheral configuration
C	Setting the password for the hardware
D	All of the above
428	In an Automated Teller Machines, the card reader takes input from:
A	What the customer types on the keypad
B	The sensor
C	The magnetic strip of the card
D	The cash dispenser mechanism
429	Which of the following statement is "TRUE" with regard to security benchmark tools?
A	Recommendations of security benchmark tools should be implemented by the organisation
B	The benchmark tools are used to measure the organisations security against the defined benchmarks
C	Security benchmarks need not be based on the functional requirements of the organisation
D	Implementation of security benchmark tool is independent of security policy of the organisation
430	Which of the following statements is true with regard to buffer overflows?
A	Buffer overflows are caused due to programming errors
B	When buffer overflows the excess information gets lost
C	Only the subroutines will be lost
D	All of the above

431. In WAP, the actual transfer of data is done by the _____
- A Bearers
 - B Session Layer
 - C Transport Layer
 - D Transaction Layer
432. Viruses that can change their appearance and use encryption are known as
- A Boot sector virus
 - B Polymorphic virus
 - C Stealth virus
 - D Multipartite virus
433. Stress testing is mainly done to test the _____.
- A Feasibility of a program
 - B Database reliability.
 - C Website
 - D Efficiency of hardware components.
434. Risk mitigation deals with:
- A Avoiding risk
 - B Transferring risk
 - C Accepting risks
 - D All of the above
435. With respect to hard disk, seek time is described as:
- A Time taken by the arm assembly to reach the respective track
 - B Time taken by the arm assembly to find the respective sector after the heads have reached the track
 - C Total time taken to access the data
 - D None of the above
436. Which of the following options is true (with regard to SLIP)?
- A [a] It includes a protocol identifier.
 - B [b] It allows communication with multi protocol computers.
 - C [c] It has no addressing scheme for routing purposes.
 - D [d] It is never used in a dial up connection.
437. While conducting an audit, the auditor should
- A Insist that a security policy exists
 - B Not insist for a security policy
 - C Insist that a security policy exists, and accept the existing policy
 - D Insist that a security policy exists. However he may not accept the existing policy

438	The Internet protocol (IP) address is
A	Always same for any server.
B	More than 32 bits to provide high security
C	Can change even if the Domain Name remains the same
D	Not a part of the DNS
439	Under normal conditions, which of the following offers the fastest connection to the Internet?
A	Analog connections
B	ISDN
C	DSL
D	Cable
440	The Fibre Distributed Data Interface (FDDI) is a dual ring LAN that uses a fibre optic cable. The ring is segmented when
A	One ring fails
B	One station fails
C	Two rings fail
D	One device fails
441	The internal view of data is also called-
A	Physical level
B	Logical level
C	View level
D	None of the above
442	Which of the following statements is true with regard to Operating Systems (OS)?
A	[a] It may allow many users to operate simultaneously.
B	It can run on systems with different memory and storage space after minor changes.
C	[c] It takes control of the computer as soon as the power is turned on.
D	[d] The user can customise RTOS (Real Time Operating System) by making changes to the interface
443	The LAN policy describes the job of persons who work on the network. The duties of a network administrator are
A	Monitoring security violations
B	Password administration
C	Configuring and optimising storage systems
D	Monitoring network environmental conditions

Satellite communications cannot be used in which of the following cases?

444

- A Unencrypted Confidential data is to be sent
- B Mobile Communications
- C In case of natural calamities
- D Communication in rocky areas

Which of the following project scheduling techniques does not provide information about predecessor and successor relationships –

445

- A Gantt Charts
- B Critical Path Method
- C Program Evaluation and Review Technique
- D Critical Chain Path Method

The decision of audit committee regarding the trade off between the performance non-audit role and audit role by the IS auditor will be influenced by which of the following factor?

446

- A Availability of alternative person to perform either role
- B Ability of IS auditor to educate the IS team
- C Career development and future planning for IS auditor
- D All of the above

Which of the following is essential in the process of system migration?

447

- A A comprehensive strategy for reengineering project
- B Monitoring the system engineering contractors
- C Existence of configuration management
- D All the above

----- is the most advantageous payment gateway access when orders are mostly received through phone or mail

448

- A Real time processing solutions
- B Weblink
- C API
- D Virtual Terminal Solution

Segregation of duties should be maintained between which of the following functions?

449

- A Security administration and security audit
- B System administration and network administration
- C Systems development and maintenance
- D All of the above

450

Who has the authority to delegate the operational responsibility of an organisation's security?

- A Data owner
- B Senior manager
- C Data custodian
- D Data user

451

Which of the following legal and contractual clauses is not obligatory for an organisation?

- A Trading partner agreements entered by the organisation
- B Insurance contracts entered into by the organisation
- C Government regulations applicable to the organisation
- D Agreements entered into by its employees for their benefit

452

The overall objective of acquiring and maintaining the technology is

- A Current technologies are available
- B Maintain technologies that meet the business objectives
- C Hire the employees that are expert in the latest technologies that are available
- D Define the cost beyond which the investment in technology cannot be made

453

Which of the following details should be included in the reports on security breaches?

- A Authorised access to system resources
- B Unauthorised access to system
- C Unauthorised attempts to change security definitions
- D All of the above

454

Which of the following resources need not be considered as a cost to be charged to users?

- A Hardware
- B Development of applications
- C Communication channels
- D All of the above

455

Broadcast storms in communication channels occur mainly due to

- A Sending the same broadcast packet more number of times than it should be
- B Increase in the hop count
- C Improper routing decisions
- D Lesser bandwidth of the communication channel

456

On which of the following should the auditor perform substantive testing with regard to configuration management?

- A Review of the configuration records
- B Review of incidents reported to senior management
- C Review of the training manuals
- D All of the above

457

Question: Who is responsible for system scheduled maintenance?

- A Outside vendors
- B IT support personnel
- C Users
- D All the above

458

----- is an example of logical attack on an e-application

- A Hardware failure
- B Virus attack
- C Power disruptions
- D Property damage

459

In order to substantiate his views on the existence and working of controls on physical and environmental security which of them should the auditor review?

- A Harmful items are placed in the IT area
- B Access to the wire closed area is unrestricted
- C Appropriate signs are provided for emergency exists
- D Visitors can access all the IT areas

460

Which of the following statement is "FALSE" with regard to Incident management?

- A Identification of incident
- B Prioritisation of the incidents and their documentation
- C Escalation of all the problems to senior management
- D All of the above

461		To connect to an FTP site without being a registered user, one needs to enter:
A	☐	login name=anonymous : password=email address
B	☐	login name=email address ; password=anonymous
C	☐	login name=anonymous ; password=anonymous
D	☐	cannot log on without being a registered user
462		A Packet Filter Firewall Ruleset ideally should:
A	☐	Forward any packet with a source address of the local network to the external network
B	☐	Allow all access from the external network to the firewall system itself
C	☐	Expressly allow everything unless specifically prohibited
D	☐	Expressly prohibit everything unless specifically allowed
463		Logical access controls are built into _____
A	☐	software and operating system
B	☐	Operating system, hardware and communication devices
C	☐	Software, hardware, operating system and communication devices
D	☐	Communication devices and operating system
464		A good email policy should state that:
A	☐	All mails sent and received should be monitored
B	☐	All messages should be encrypted
C	☐	Emails should be used only for official purpose
D	☐	All personal mail should be labelled
465		Which is the function that the audit software does not perform?
A	☐	Scan each machine separately
B	☐	Decide on the sampling method to be used
C	☐	Report the program that it does not recognise
D	☐	Identify software that is loaded, completely or partially
466		Processes in a Transaction Processing System are: 1) Data Validation 2) Data Preparation 3) Data Entry. The order in which they are performed is:
A	☐	2,3,1
B	☐	1,2,3
C	☐	2,1,3
D	☐	3,1,2
467		Which one of the following risks is unique to wireless communication?
A	☐	Lack of physical security
B	☐	Denial of service
C	☐	Spoofing attack

	☐	Disabling of network.
468		While conducting an audit, the auditor should
A	☐	Insist that a security policy exists
B	☐	Not insist for a security policy
C	☐	Insist that a security policy exists, and accept the existing policy
D	☐	Insist that a security policy exists. However he may not accept the existing policy
469		A successful project management practice involves training a project team to achieve desired goals. Under which process does this fall?
A	☐	Planning
B	☐	Organising
C	☐	Controlling
D	☐	Leading
470		Which one of the following requirements of Virtual reality is concerned with synchronisation?
A	☐	User input
B	☐	Visual perception
C	☐	Spatiotemporal realism
D	☐	Sound perception
471		What feature of Microsoft Windows XP Professional Operating System protects the data of a user, even if the computer is shared between users?
A	☐	Passwords
B	☐	Network Access controls
C	☐	Firewall
D	☐	Encrypting File System
472		Which of the following is true with regard to a Hardware Inventory Policy?
A	☐	Automated Asset software management tools can scan all hardware devices
B	☐	Hardware devices that are not scanned by asset software management tool need to be tagged manually
C	☐	Hardware should be scanned during peak-hours when all systems are running
D	☐	In case an end user make changes in hardware configuration, he need not inform the IT department
473		What feature of Windows 2000 allows for delegation of security responsibilities in terms of group policies ?
A	☐	Kerberos
B	☐	Centralised Management
C	☐	Encrypted File System (EFS)
D	☐	NTLM Authentication
474		Which of the following Embedded Operating Systems has a wide set of features for networking?