

NOTE: "These are sample MCQs to indicate pattern, may or may not appear in examination"

Program: BE COMPUTER Engineering

Curriculum Scheme: Revised 2012

Examination: Final Year Semester VII

**Course Code: CPC702 and Course Name: Cryptography and System Security**

Time: 1 hour

Max. Marks: 50

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Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	In which attack, the attacker's goal is just to obtain information and not to modify data or harm the system.
Option A:	Replaying
Option B:	Snooping
Option C:	Denial of service
Option D:	Masquerading
Q2.	Which security mechanism provides confidentiality?
Option A:	Digital Signature
Option B:	Authentication
Option C:	Access Control
Option D:	Encipherment
Q3.	Which is not a poly alphabetic cipher.
Option A:	Vigenere Cipher
Option B:	Playfare Cipher
Option C:	Hill Cipher
Option D:	Shift Cipher
Q4.	Conversion of plain text to Cipher text is called as _____
Option A:	Steganography
Option B:	Encryption
Option C:	Decryption
Option D:	Message Digest
Q5.	What is the block size used for conversion of plain text to cipher text in DES (Data Encryption Standard)?
Option A:	32 bits
Option B:	256 bits
Option C:	128 bits

Option D:	64 bits
Q6.	Diffie Hellman Algorithm is useful for
Option A:	Public key generation
Option B:	Private key generation
Option C:	Symmetric key generation
Option D:	Sharing a key
Q7.	The responsibility of a certification authority for digital signature is to authenticate the
Option A:	Key used in DES
Option B:	Public key of subscribers
Option C:	Private key of subscribers
Option D:	Hash function used
Q8.	Which of the following is used by KDC in Kerberos?
Option A:	Key Distribution Server and Web Server
Option B:	Ticket Granting Server and Authentication Server
Option C:	Key Sharing and Distribution Server
Option D:	Ticket Generating Server and Authorization Server
Q9.	The CA sign a digital certificate with _____
Option A:	Its own private key
Option B:	Its own private key
Option C:	The user's private key
Option D:	Its own public key
Q10.	Which of the following is not the characteristic of virus?
Option A:	Virus destroy and modify data
Option B:	Virus is a standalone program
Option C:	Virus is a code embedded in legitimate program.
Option D:	Virus cannot be detected.
Q11.	Which of the following is not service of Digital Signature?
Option A:	Authentication
Option B:	Non Repudiation
Option C:	Integrity
Option D:	Authorization
Q12.	By Salami Attack virus we mean:

Option A:	Control viruses
Option B:	A small amount of money is shaved from each computation
Option C:	Trapdoors persist
Option D:	Others
Q13.	The computer programs that are designed by attackers to gain root or administrative access to your computer and intercept commands to keep itself hidden are:
Option A:	Backdoors
Option B:	Rootkits
Option C:	Malware
Option D:	Spyware
Q14.	In the alert protocol the first byte takes the value 1 or 2 which corresponds to and respectively
Option A:	Select, Alarm
Option B:	Alert, Alarm
Option C:	Warning, Alarm
Option D:	Warning, Fatal
Q15.	SSH uses _____ to authenticate the remote computer.
Option A:	Public-key cryptography
Option B:	Symmetric Key cryptography
Option C:	Any of public-key or private-key
Option D:	Fingerprint
Q16.	A type of crime in which your private information is stolen and used for criminal activity is
Option A:	Money laundering
Option B:	Clickbait
Option C:	Identity theft
Option D:	Phishing
Q17.	Poorly designed social networking sites are especially vulnerable to
Option A:	Buffer overflow attacks
Option B:	Salami attacks
Option C:	DOS attack
Option D:	Persistent cross-site scripting attacks
Q18.	In which of the following exploits does an attacker insert malicious coding into a link that appears to be from a trustworthy source?
Option A:	Cross-site scripting
Option B:	Command injection
Option C:	Path traversal attack

Option D:	Buffer overflow
Q19.	What is the PGP stand for?
Option A:	Pretty Good Privacy
Option B:	Permuted Good Privacy
Option C:	Pretty Good Permission
Option D:	Pure Great Private
Q20.	The AH protocol provides
Option A:	Non-repudiation
Option B:	Source Authentication and Data Integrity
Option C:	Privacy
Option D:	Confidentiality
Q21.	An indirect form of surveillance.
Option A:	Honey pot
Option B:	Logical
Option C:	Security
Option D:	Intrusion
Q22.	When apps or websites use information they have collected about you to show you certain types of advertisements is
Option A:	Data tracking
Option B:	Phishing
Option C:	Advertising
Option D:	Targeted advertising
Q23.	Which of the following program do not replicate automatically?
Option A:	Trojan Horse
Option B:	Virus
Option C:	Zombie
Option D:	Worm
Q24.	What is the full form of TGS in Kerberos?
Option A:	Ticket Generating Server
Option B:	Token Granting Server
Option C:	Ticket Granting Server
Option D:	Token Generating Server
Q25.	Which of the following is NOT true about X.509 Standard?
Option A:	It cannot be used in S/MIME, PEM, IPSec, SSL/TLS and SSH
Option B:	It defines format for certificates

Option C:	It defines format for certificate revocation lists.
Option D:	It is used to bind public key of the user with user's identity.

Program: BE Electronics and Telecommunication Engineering

Curriculum Scheme: Revised 2012

Examination: Final Year Semester: VII

Course Code: ETC 702 and Course Name: Mobile Communication

Time: 1 hour

Max. Marks: 50

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Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	In GSM900 with FDM: 124 frequencies Up/down and TDM:8 slots/channel. The maximum active users are
Option A:	124/8
Option B:	8/124
Option C:	124*8
Option D:	124*8/124
Q2.	If the channel data rate in GSM is 270.833Kbps and data rate 9.6kbps,then bit duration will be
Option A:	10.4 mS
Option B:	3.69 mS
Option C:	0.577 mS
Option D:	4.615mS
Q3.	A DSSS system has a 48 Mcps code rate and 4.8 kbps information data rate. The processing gain is computed to be
Option A:	4.8dB
Option B:	40dB
Option C:	48dB
Option D:	60dB
Q4.	Generally the soft handoff procedure involves _____ cell site(s).
Option A:	2
Option B:	3
Option C:	6
Option D:	Several
Q5.	As part of Closed Loop Power Control followed by a WCDMA network, power control bits are sent every ___ milliseconds to the User Equipment (Phones).
Option A:	0.1 ms
Option B:	0.66 ms
Option C:	1.5 ms
Option D:	2.5 ms

Q6.	IS-95 reverse link operation band is specified as
Option A:	869:894 MHz
Option B:	849:894 MHz
Option C:	849:869 MHz
Option D:	824:849 MHz
Q7.	Interface between RNC and SGSN?
Option A:	Lu
Option B:	Lc
Option C:	Lm
Option D:	Lg
Q8.	OVSF in UMTS is
Option A:	Orthogonal Variable Spreading Factor
Option B:	Open Voltage Scale Frequency
Option C:	Omni directional variable spreading factor
Option D:	Output Vectored Sequence Factor
Q9.	The reasons of using OFDM in 4G systems
Option A:	Better performance against time dispersion
Option B:	Better performance against frequency selectivity
Option C:	The design for an equalizer is easier for bandwidths larger than 5 MHz
Option D:	It can perform well even at the edge of a cell
Q10.	MIMO stands for
Option A:	Multiple input multiple output
Option B:	Many input many output
Option C:	Major input minor output
Option D:	Minor input minor output
Q11.	4G LTE is ____ times faster than 3G.
Option A:	5
Option B:	10
Option C:	15
Option D:	20
Q12.	Which application is not enabled by cognitive radio
Option A:	Cellular data boost
Option B:	Machine to machine communication
Option C:	Non synthetic MIMO
Option D:	Dynamic spectrum access
Q13.	UMTS stands for and it belongs to
Option A:	Universal Mobile Telecommunications System and 3G
Option B:	Universal Mobile Telecommunications System and 4G



Option C:	Universal Mini Telecommunications System and 3G
Option D:	Universal Mobile Telecommunications System and 2G
Q14.	Which of the following is the interfaces in the LTE access network
Option A:	X2
Option B:	Abis
Option C:	A
Option D:	S2
Q15.	In LTE, the OFDMA solution leads to ___ Peak-to-Average Power Ratio (PAPR) requiring expensive power amplifiers with high requirements on linearity, increasing the power consumption for the sender.
Option A:	high
Option B:	low
Option C:	positive
Option D:	negative
Q16.	In LTE the number of channels as compare to UMTS are
Option A:	increased
Option B:	decreased
Option C:	equal
Option D:	not related
Q17.	Voice channels that are supported for each 200KHz channel in GSM
Option A:	5
Option B:	8
Option C:	12
Option D:	24
Q18.	Neighboring stations are assigned different group of channels in cellular system
Option A:	To maximize throughput
Option B:	To maximize capacity of each cell
Option C:	To minimize interference
Option D:	To minimize area
Q19.	Shape of the cell which is universally adopted
Option A:	Hexagon
Option B:	Triangle
Option C:	Circle
Option D:	Square
Q20.	One Erlang represents
Option A:	Many calls- hour per hour
Option B:	One call- hour per hour
Option C:	One call- hour per minute
Option D:	One call-minute per hour

Q21.	Path loss exponent indicates
Option A:	The rate at which path loss increases with distance
Option B:	The rate at which path loss decreases with distance
Option C:	The rate at which path loss increases with power density
Option D:	The rate at which path loss decreases with power density
Q22.	Which does not belong to propagation mechanism
Option A:	Reflection
Option B:	Diffraction
Option C:	Scattering
Option D:	Refraction
Q23.	Interference due to 2 or more versions of transmitted signal is
Option A:	Fading
Option B:	Co-channel interference
Option C:	Adjacent channel interference
Option D:	Multipath
Q24.	Doppler shift is directly proportional to
Option A:	Mobile Velocity
Option B:	Power of receiving antenna
Option C:	Power of transmitting antenna
Option D:	Height of antenna
Q25.	Choose the correct Multiple access technique
Option A:	FDMA in AMPS and TDMA in GSM
Option B:	TDMA in AMPS and FDMA in GSM
Option C:	FDMA in AMPS and GSM
Option D:	TDMA is used in both GSM and AMPS

Program: BE Mechanical Engineering

Curriculum Scheme: Revised 2012

Examination: Final Year Semester VII

Course Code and Course Name: MEC702 CAD/CAM/CAE

Time: 1 hour

Max. Marks: 50

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Note to the students:- All Questions are compulsory and carry equal marks .

Q1.	Which is commercial 3D modelling software?
Option A:	Paintbrush
Option B:	Coral draw
Option C:	ACDSee
Option D:	Creo
Q2.	Which one of the following RP technologies uses solid sheet stock as the starting material?
Option A:	Droplet deposition manufacturing
Option B:	Fused-deposition modeling
Option C:	Laminated-Object Manufacturing
Option D:	Selective Laser Sintering
Q3.	In SLA, when the process is going on, build platform generally
Option A:	Moves Up
Option B:	Moves Down
Option C:	Rotates
Option D:	Moves left & right
Q4.	A _____ transformation alters the size of an object
Option A:	Rotation
Option B:	Scaling
Option C:	Translation
Option D:	Shear
Q5.	Which of the following is a analytical entity?
Option A:	Hyperbola
Option B:	Bezier curve
Option C:	B-spline curve

Option D:	Cubic spline curve
Q6.	In shape optimization study, design variables are
Option A:	Meshing
Option B:	Pre-processing parameters
Option C:	Dimensional parameters
Option D:	solution
Q7.	what is the full form of AGV?
Option A:	Automatic Guided Vehicle
Option B:	Automated Gas Vehicle
Option C:	Automated Guided Vehicle
Option D:	Arc Guided Vehicle
Q8.	According to Cohen-Sutherland algorithm, a line is completely outside the window if .....
Option A:	The region codes of line endpoints have a '1' in same bit position.
Option B:	The endpoints region code are nonzero values
Option C:	If L bit and R bit are nonzero.
Option D:	The region codes of line endpoints have a '0' in same bit position.
Q9.	The type of rapid prototyping system uses a laser to fuse powdered metals, plastics, or ceramics:
Option A:	Fused deposition modeling
Option B:	Stereolithography apparatus
Option C:	Solid ground curing
Option D:	Selective laser sintering
Q10.	A scaling constant $> 1$ , represents
Option A:	Expansion
Option B:	Compression
Option C:	unchanged values
Option D:	Reflection
Q11.	_____ is considered a natural evolution of the technology of CAD/CAM which by itself evolved by the integration of CAD and CAM.
Option A:	NC
Option B:	CNC
Option C:	DNC
Option D:	CIM
Q12.	For overhanging portion of a part, FDM generally uses

Option A:	Part material
Option B:	Support material
Option C:	Solid block
Option D:	Meshing
Q13.	Working coordinate system is also known as
Option A:	Local coordinate system
Option B:	World coordinate system
Option C:	Global coordinate system
Option D:	Model coordinate system
Q14.	Simulation, Optimization, Calculations are the general parameters of
Option A:	CAD
Option B:	CAM
Option C:	CAE
Option D:	Transformations
Q15.	A combination of equipment and controls which handles, stores and retrieves materials with precision, accuracy and speed under a defined degree of automation is known as _____.
Option A:	Automated storage and retrieval system (AS/RS)
Option B:	Flexible manufacturing system
Option C:	Automated guided vehicle
Option D:	Inventory Management System
Q16.	_____encompasses the whole lot of enabling technologies including total quality management, business process reengineering, concurrent engineering, workflow automation, enterprise resource planning and flexible manufacturing
Option A:	CNC
Option B:	CIM
Option C:	ERP
Option D:	FMS
Q17.	Which of the following code is used to give input of cutter offset data?
Option A:	G30
Option B:	G20
Option C:	G10
Option D:	G04
Q18.	Finite element analysis deals with _____
Option A:	approximate numerical solution
Option B:	non-boundary value problems
Option C:	partial differential equations

Option D:	Laplace equations
Q19.	In the following three-dimensional modelling techniques. Which require much lesser computer time and memory?
Option A:	Surface modelling
Option B:	Solid modelling
Option C:	Wireframe modelling
Option D:	Parametric modelling
Q20.	The act of turning a digital 3D model into thin layers used for 3D printing
Option A:	Slicing
Option B:	Extruder
Option C:	Fused deposition modeling
Option D:	Filament
Q21.	In a point-to-point type of NC system
Option A:	Control of position and velocity of the tool is essential
Option B:	Control of only position of the tool is sufficient
Option C:	Control of only velocity of the tool is sufficient
Option D:	Neither position nor velocity need to be controlled
Q22.	If the size of the elements is small, the final solution is expected to be _____ accurate.
Option A:	more
Option B:	less
Option C:	depends on other factors
Option D:	can't say
Q23.	Preprocessing in analysis of a component consist of
Option A:	Building Geometry
Option B:	Check the results
Option C:	Define material properties
Option D:	Assign boundary conditions
Q24.	which curve uses Bernstein equation as its basis function
Option A:	Bezier curve
Option B:	B-Spline curve
Option C:	Normal distribution curve
Option D:	butterfly curve
Q25.	Feed is measured in units of _____
Option A:	Length/revolution
Option B:	Degree/revolution

Option C:	Length
Option D:	Velocity

Program: BE Information Technology

Curriculum Scheme: Revised 2012

Examination: Final Year Semester VII

Course Code: **ITC702** and Course Name: **Cloud Computing**

Time: 1 hour

Max. Marks: 50

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Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	_____ is built to serve as a mobile platform for Internet computing?
Option A:	Windows Phone
Option B:	Android
Option C:	Symbian
Option D:	LINUX
Q2.	EBS stands for _____.
Option A:	Elastic Block Storage
Option B:	Eccentric Block Storage
Option C:	Elastic Balance Service
Option D:	Elastic Block Servers
Q3.	Chubby is also called as _____.
Option A:	Big tables
Option B:	GFS
Option C:	Distributed lock Manager (DLM)
Option D:	SMBs
Q4.	_____ makes sure that the data in the cloud cannot be read by any unauthorized parties.
Option A:	Data confidentiality



Option B:	Data consistency
Option C:	Data redundancy
Option D:	Data reputation
Q5.	CRM, Email, Virtual desktop, communication, games applications comes under service model.
Option A:	SaaS
Option B:	PaaS
Option C:	IaaS
Option D:	DaaS
Q6.	Public cloud examples not include_____.
Option A:	Amazon Elastic Compute Cloud (EC2), IBM's Blue Cloud
Option B:	Sun Cloud, Google App Engine
Option C:	Windows Azure Services Platform
Option D:	Microsoft Azure Private Cloud
Q7.	Image management is performed by which of the following OpenStack components?
Option A:	Trove
Option B:	Ceilometer
Option C:	Glance
Option D:	Keystone
Q8.	Which component serves as a dashboard for users to manage OpenStack compute, storage, and networking services?
Option A:	Designate
Option B:	Nova
Option C:	Glance
Option D:	Horizon

Q9.	Which is not a characteristic of Cloud Computing?
Option A:	On-demand self-service
Option B:	Resource pooling
Option C:	Rapid elasticity
Option D:	Private hardware centers
Q10.	Which is not a Cloud deployment model?
Option A:	Private Cloud
Option B:	Software Cloud
Option C:	Community Cloud
Option D:	Hybrid Cloud
Q11.	Which of the following service provider provides the least amount of built in security?
Option A:	SaaS
Option B:	PaaS
Option C:	IaaS
Option D:	CaaS
Q12.	Which of the following models allows you to either use servers or storage in the cloud?
Option A:	Software as a Service
Option B:	Platform as a Service
Option C:	Infrastructure as a Service
Option D:	Containers as a Service
Q13.	The organization has built its cloud infrastructure on their own resources but it needed to enhance its resources using Amazon cloud service (AWS). The cloud so formed is _____.
Option A:	Private cloud

Option B:	Hybrid cloud
Option C:	Community cloud
Option D:	Public cloud
Q14.	A _____ is a set of programming instructions and tools that provide abstractions over a specific provider cloud.
Option A:	Cloud Network
Option B:	Cloud API
Option C:	Mobile Client
Option D:	Thin Client
Q15.	The capital expenditures are converted into _____ expenditures in cloud computing.
Option A:	Local
Option B:	Operating
Option C:	Petty
Option D:	Service
Q16.	_____ serves as a Platform as a Service (PaaS) vendor within Google App Engine system.
Option A:	Google
Option B:	Amazon
Option C:	Microsoft
Option D:	Flipkart
Q17.	Event-driven SOA is based on the _____.
Option A:	event occurrence in cloud
Option B:	asynchronous exchange of messages
Option C:	synchronous events between the VMs
Option D:	event driven services in cloud

Q18.	Central application in AWS is _____.
Option A:	Management
Option B:	S3
Option C:	GFS
Option D:	EC2
Q19.	What is the normal chunk size in GFS?
Option A:	24 MB
Option B:	128 MB
Option C:	64 MB
Option D:	264 MB
Q20.	First phase in migration of application to cloud is _____.
Option A:	proof of concept
Option B:	move your data
Option C:	leverage the cloud
Option D:	evaluation
Q21.	Which is the last phase in cloud adoption by SMBs?
Option A:	Management
Option B:	Migration
Option C:	Adoption
Option D:	Planning
Q22.	Amazon AWS stands for _____.
Option A:	Amazon Web Service
Option B:	Amazon Web Storage
Option C:	Amazon Website Service

Option D:	Amazon Web Suite
Q23.	Which of the following feature is highly emphasized in open system for mobile application?
Option A:	Interoperability
Option B:	Integrity
Option C:	Scalability
Option D:	Availability
Q24.	Which of the following is a SaaS characteristic?
Option A:	The typical license is subscription-based or usage-based and is billed on a recurring basis
Option B:	The hardware is available over the Internet globally through a browser on demand
Option C:	The software and the service are monitored and maintained by the vendor
Option D:	The software is available over the Internet globally through a browser on demand
Q25.	SaaS supports multiple users and provides a shared data model through _____ model.
Option A:	single-tenancy
Option B:	multi-tenancy
Option C:	multiple-instance
Option D:	double-Instance

Program: BE Instrumentation Engineering

Curriculum Scheme: Revised 2012

Examination: Final Year Semester VII

Course Code: ISC702 Course Name: Biomedical Instrumentation

Time: 1hour

Max. Marks: 50

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**Note to the students:** - All Questions are compulsory and carry equal marks.

Q1.	Sodium-potassium pump, is used for
Option A:	Depolarization
Option B:	Repolarization
Option C:	Action potential
Option D:	Zero potential
Q2.	The main design feature of pre-gelled disposable electrodes which helps to reduce the possibility of artefacts, drift and baseline wandering is _____
Option A:	High absorbency buffer layer without isotonic electrolyte
Option B:	Low absorbency buffer layer with isotonic electrolyte
Option C:	Low absorbency buffer layer without isotonic electrolyte
Option D:	High absorbency buffer layer with isotonic electrolyte
Q3.	The material used in limb surface electrode is _____
Option A:	German silver
Option B:	Copper
Option C:	Gold
Option D:	Platinum
Q4.	Electrooculography (EOG) is a technique for measuring what?
Option A:	Cornea-retinal standing potential
Option B:	Heart rate
Option C:	Abnormal function of retina
Option D:	Respiration rate
Q5.	Which of the following amplifier circuitry is employed to reduce the hum noise generated by the power supply in the ECG circuit?
Option A:	band pass filters
Option B:	high pass filters
Option C:	notch filters
Option D:	low pass filters
Q6.	Electrodes to measure EEG signal are placed on
Option A:	forehead
Option B:	scalp
Option C:	cheek

Option D:	ears
Q7.	Which rhythm is the principal component of the EEG that indicates the alertness of the brain?
Option A:	theta rhythm
Option B:	gamma rhythm
Option C:	delta rhythm
Option D:	alpha rhythm
Q8.	The site of respiration inside the lungs are
Option A:	Alveoli
Option B:	Diaphragm
Option C:	Bronchi
Option D:	Bronchioles
Q9.	When intramuscular EMG is required to look into the electrical activities of deeper or overlaid muscles, which electrodes are used?
Option A:	plate shape electrodes
Option B:	surface electrodes
Option C:	thin thread electrodes
Option D:	fine wire electrodes
Q10.	Which measurements are important for myoelectric control of prosthetic devices?
Option A:	PCG
Option B:	ECG
Option C:	EEG
Option D:	EMG
Q11.	Which type of transducer is commonly used for invasive blood pressure measurement?
Option A:	Capacitive
Option B:	Rheostatic
Option C:	Piezoelectric
Option D:	Potentiometric
Q12.	<b>Which of the following is the correct formula for cardiac output?</b>
Option A:	stroke volume/ heart rate
Option B:	stroke volume*resistance
Option C:	heart rate / resistance
Option D:	stroke volume* heart rate
Q13.	Which instrument is used for measuring heart sounds of the human body?
Option A:	Phonocardiograph
Option B:	Sphygmomanometer
Option C:	Reflex hammer
Option D:	Suction device
Q14.	What is used as a photodetector in pulse oximetry?

Option A:	Phototransistor
Option B:	Solar cell
Option C:	Photodiode
Option D:	Photographic plates
Q15.	Which of the following is not part of pacemaker circuit
Option A:	Oscillator
Option B:	Pulse output circuit
Option C:	Battery
Option D:	Transformer
Q16.	Pump oxygenator is also known as
Option A:	dialyzer
Option B:	demand type pacemaker
Option C:	heart lung machine
Option D:	electroencephalograph
Q17.	Which instrument is used to resume synchronization between heart chambers
Option A:	Fibrillator
Option B:	Defibrillator
Option C:	Electrocardiograph
Option D:	Phonocardiogram
Q18.	During dialysis which factor is used to avoid clotting of blood
Option A:	Roller pump
Option B:	Heparin infusion
Option C:	Glucose powder
Option D:	Conductivity cell
Q19.	Following is not Ventilator related parameter
Option A:	Lung Compliance
Option B:	Mean Airway pressure
Option C:	Pulse pressure
Option D:	Tidal volume
Q20.	Which of the following is used as cooling system in X-ray tube
Option A:	Rotating Anode
Option B:	Rotating Cathode
Option C:	rotating anode and cathode
Option D:	dynode
Q21.	Hounsfield number "H" is used in
Option A:	X-ray
Option B:	NMR spectroscopy
Option C:	Radioactivity
Option D:	CT scanning
Q22.	Ultrasound imaging uses ____ frequency range



Option A:	2.5 MHz to 10 MHz
Option B:	50 MHz to 100 MHz
Option C:	2 KHz to 20 KHz
Option D:	20 Hz to 20KHz
Q23.	The commonly used MRI's have a magnetic strength of _____
Option A:	3 – 6 Tesla
Option B:	1.5 – 3 Tesla
Option C:	6 – 12 Tesla
Option D:	12 – 24 Tesla
Q24.	The smallest unit in the reconstruction/projection of an MRI image is called as
Option A:	pixel
Option B:	binary unit
Option C:	voxel
Option D:	dot
Q25.	Following is not a method to prevent electrical accidents in medical practice
Option A:	Isolated power distribution
Option B:	Isolation of patient connected part
Option C:	Protection by low voltage
Option D:	Use plastic material