

SLO Based MCQs of Computer Science Class VIII

1 is a worldwide network of physical devices having wireless connection with internet.	Computer	IoT	NIC	LAN	IoT	1
2	An is a computer hardware system in which a microprocessor and software is embeded to perform dedicated task.	Controlled System	Embeded System	Edge Computing	3D	Embeded System	1
3	Which technology is used to analyzing or examining data sets to find trends and make conclusions about that information?	IoT	Embeded System	Data Analytics	All of Above	Data Analytics	1
4	Which technology brings data processing closer to the source of data?	Embeded	Edge Computing	4G	Holographic	Edge Computing	1
5	---- helps organizations to look forward in their decision making.	Edge Computing	IoT	5G	Data Analytics	Data Analytics	1
6	Which provides high speed internet service?	4G	5G	2G	3G	5G	1
7	-----is the branch of computer science.	Blockchain	Artificial Intelligence	CAT	Google Drive	Artificial Intelligence	1
8	CAT stands for?	Computer Administration	Computer Assisted Tour	Computer Assisted Transmission	Computer Assisted Translation	Computer Assisted Translation	1
9	Which software is used to translate text from one language to another language?	System Software	Distributed	CAT	None of the above	CAT	1
10	The branch of engineering used to manufacture intelligent machines to assist humans is called?	Math	Robot	Robotics	VR	Robotics	1
11	Self driving cars, expert system, natural language processing, machine vision, chatbots, gaming, navigation controls are the applications of?	GPS	CAT	AI	VR	AI	1
12	Self Driving car is also known as___?	Auto Virtual	Radar Car	GPS	Autonomous Vehicle	Autonomous Vehicle	1
13	Image with height and width is called as___?	2D	3D	4D	5D	2D	1
14	Image with height, width and depth is called___?	1D	2D	ED	3D	3D	1

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15	_____ applications are those that operate simultaneously on several different computers.	AR	VR	AI	Distributed	Distributed	1
16	The internet is a very famous example of a ____ system.	System Software	Browser	Google	Distributed	Distributed	1
17	_____ is a method of storing data in blocks that makes is difficult to change or hack it.	USB	Bits	CD	Blockchain	Blockchain	1
18	A real world example of _____ can be image recognition.	Embeded System	5G	Distributed	Machine Learning	Machine Learning	1
19	_____ deals with development of computer programs that can access data(training data) and use it to learn for themselves.	Machine Learning	CAT	VR	AR	Machine Learning	1
20	Google Translator is an example of _____?	AR	Distributed system	Web Browser	CAT	CAT	1
21	An interconnected system of ICT devices to share hardware or software is called?	Network	Server	Client	NIC	Network	1
22	A _____ is a set of rules followed by both sender and receiver in order to communicate.	Sender	Receiver	Text	Protocol	Protocol	1
23	A _____ computer request for the required services in computer network.	Server	Client	Protocol	Medium	Client	1
24	A _____ is responsible to provide the requested services to different devices in a network.	Client	Server	Hub	Switch	Server	1
25	_____ can serve a large city or a university campus having several buildings.	LAN	WAN	MAN	PAN	MAN	1
26	A network which covers vast geographical area is called____?	LAN	MAN	PAN	WAN	WAN	1
27	A network used wireless technologies and provide communication over a short distance, less than 10 meters is called?	MAN	WAN	Router	PAN	PAN	1
28	_____is range of frequencies used for transmitting signals.	VPN	Protocol	ATM	Bandwidth	Bandwidth	1
29	A _____ receives data from a computer and transmit it to all the computers in the network.	Network Hub	Switch	Browser	NIC	Network Hub	1

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30	Which network device maintains a MAC table for forwarding data?	Hub	Network Table	Switch	Protocol	Switch	1
31	A _____ is a network device which connects two or more LANs.	Switch	Hub	NIC	Router	Router	1
32	Which network device maintains a routing table for forwarding data?	Router	Switch	Hub	WNIC	Router	1
33	Which device is used to extend the wireless coverage of an existing network for increasing the number of users that can connect to it.	PAN	NIC	Wireless Access Point	Wireless Medium Accurate	Wireless Access Point	1
34	_____ is a wireless communication technology that uses the Infrared and visible light spectrum for high speed data communication.	WAP	Guided media	Wifi	Lifi	Lifi	1
35	Which cable provides higher bandwidth and transmit data over longer distance?	Coaxial Cable	Twisted Cable	UTP	Fiber Optic Cable	Fiber Optic Cable	1
36	A physical medium is also called_____.	Guided Media	Bounded Media	Both a & b	Encoded Media	Both a & b	1
37	The process of sending and receiving data electronically from one location to another location is called____?	Data	Database	Data Communication	WNIC	Data Communication	1
38	Which medium uses light pulses to transmit data?	Coaxial	Transmitter	Fiber Optic	All of above	Fiber Optic	1
39	The electromagnetic waves that travel through open space in all directions are known as_____.	Infrared	Wireless Access	Radio Waves	None of the above	Radio Waves	1
40	_____ is the unit of frequency.	Clock	Speed	Microwave	Hertz	Hertz	1
41	Number of waves passing through an area per unit time is called_____.	Satellite	Uplink	Downlink	Frequency	Frequency	1
42	Which wireless communication technology works on line of sight communication?	Radio	Wave	Microwave	None of the above	Microwave	1
43	Cellular communication refers to mobile phone communication based on geographic divisions called_____.	Relay	Uplink	Radio	Cells	Cells	1
44	_____ is a central connection point for a wireless device to communicate.	Mobile	Relay	Cell	Base Station	Base Station	1

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45	Li-fi transmission speeds can go over ___ GB per second which is 14 times faster than the world's fastest Wifi.	10	20	40	100	100	1
46	_____ is a device in cellular communication system that is used for remote access.	Base Station	Relay	Cells	Mobile	Mobile	1
47	Which technology is used in TV remote, Car locking etc?	Microwave	Cells	Relay	Infrared	Infrared	1
48	_____ is equipment installed on earth that sends or receives signals to and from satellite.	Uplink	Downlink	GPS	Ground Station	Ground Station	1
49	_____ is the link from ground station to satellite for communication.	Downlink	Satellite	Uplink	Cell	Uplink	1
50	_____ is the link from a satellite to ground station for communication.	Downlink	Uplink	Relay	Satellite	Downlink	1
51	_____ is generally referred to as Emerging Technology.	Discontinued Development	Best Technology	New Technology	None of these	New Technology	1
52	Which of the following is not an example of Emerging Technology?	VR	Blockchain	Robotics	3G	3G	1
53	The estimated data rate of 5G technology is _____.	10Gbps	15Gbps	20Gbps	25Gbps	20Gbps	1
54	_____ is a secured connection over the internet.	LAN	WAN	MAN	VPN	VPN	1
55	_____ is a subcategory of satellite communication.	Bluetooth	GPS	WiFi	Router	GPS	1
56	Li-Fi is a wireless optical networking technology that uses _____ for data transmission.	Fiber Optic	Coaxial Cable	LEDs	None of these	LEDs	1
1	A Spreadsheet software is a(n) _____ software.	System	Application	Entertainment	Utility	Application	2
2	Which one is not a spreadsheet software?	Microsoft Excel	Open Office	Google Sheet	Web Browser	Web Browser	2
3	A _____ is a collection of one or more worksheets in a single file.	Worksheet	Book	Workbook	Cell	Workbook	2
4	_____ is a collection of cells organized in rows and columns.	Workbook	Worksheet	Cell	Book	Worksheet	2

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5	A cell_____ is combination of the rows and columns respectively.	Column	Row	Book	Address	Address	2
6	A row is recognized by_____.	Letters	Romans	Cell	Numbers	Numbers	2
7	_____ gives your document instant style.	Themes	Orientation	Page	Color	Themes	2
8	_____ gives your page a portrait or landscape layout.	Margin	Themes	Size	Orientation	Orientation	2
9	_____ helps to arrange data in a specific order.	Filter	Spelling	Sort	Zoom	Sort	2
10	A _____ is an expression that operates on values in a cell or a range of cells.	Filter	Find	Formula	Thesaurus	Formula	2
11	The data in worksheet can be sorted in ascending or _____ order.	Minimum	Maxmimum	Descending	Alphanumeric	Descending	2
12	_____ is a graphical representation of data in worksheet.	Sorted	Filtered	Minimum	Chart	Chart	2
13	Short cut key to insert new worksheet is?	Shift+F11	F7	Shift+F3	F1	Shift+F11	2
14	Which short cut key is used for Autosum?	Ctrl+=	Alt+=	Ctrl+N	F1	Alt+=	2
15	A _____ typically contains one or more worksheets.	Spreadsheet	Workspace	Office	Workbook	Workbook	2
16	Functions are formulas with a _____.	heading	sign	name	none of these	name	2
17	Which of the following allows you to make logical comparison between a value?	For function	If function	Else function	None	If function	2
18	The If function is used to test if a certain condition in a worksheet is _____ or false.	One	Yes	Zero	True	True	2
19	Which symbol is used before each function or formula?	@	#	!	=	=	2
20	In a selection, to calculate the number of numeric entries present _____ function is used?	Sum	Average	Count	Value	Count	2
1	A _____ is a challenge or situation for which a solution is required.	Solution	Solving	Problem	All of these	Problem	3
2	The _____ defines the boundaries of what a solution must provide to meet the requirement.	Scope	Halting	Problem	Solution	Scope	3
3	One of the well known unsolvable problems are the _____ problems.	Scope	Problem	Halting	Solution	Halting	3

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4	The _____ algorithm have few number of steps.	Algorithm	Flowchart	Halting	Efficient	Efficient	3
5	Step by step procedure to solve any problem is called_____.	Flowchart	Rectangle	Oval	Algorithm	Algorithm	3
6	Graphical representation of an Algorithm is called_____.	Allographic	Pseudocode	Flowchart	All of above	Flowchart	3
7	A ____ refers to memory location that is used to hold some data.	Constant	Valuable	Program	Variable	Variable	3
8	Set of instructions written in any programming language is called_____.	Statement	Pseudocode	Variable	Program	Program	3
9	_____ refers to a data value that does not change.	Constant	Variable	Program	Source code	Constant	3
10	_____ loops are useful when an iterative task is to be done for multiple times.	Constant	If	Repeat	Nested	Nested	3
11	Loop with in loop is called_____ loop.	If	Constant	Else	Nested	Nested	3
12	A collection of instructions to solve a problem simply designed in plain English is called_____.	Flowchart	Variable	Statement	Pseudocode	Pseudocode	3
13	_____ statements are check points which determine the flow of a program among possible branches based on variables.	Loops	Statements	Conditions	Scope	Conditions	3
14	The decision box is represented by _____.	Oval	Rectangle	Parallelogram	Dimond symbol	Dimond symbol	3
15	Sometimes we want to repeat an action again and again, which is called_____.	Iteration	Solution	Copying	Deletion	Iteration	3
16	The start or stop box is represented by _____.	An Oval	Rectangle	Parallelogram	Diamon	An Oval	3
17	_____ can be directly input into the computers.	Pseudocode	Flowcharts	Code	Allographic	Code	3
18	Algorithms are converted to _____ for execution on the computers.	Flowchart	Pie Chart	If condition	Program	Program	3
19	Value of a variable _____.	is fixed	depends	unpredictable	can be changed	can be changed	3
20	Nested loops always have _____ number of loops.	two	three	four	as many as required	as many as required	3
1	Programming languages are either textual or _____ in nature.	loops	conditon	variable	visual	visual	4

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2	_____ programming is more appropriate for novice or casual programmers.	Textual	Cloning	Functional	Visual	Visual	4
3	_____ is the art of writing instructions to tell a computer what to do?	loops	Condition	Scope	Programming	Programming	4
4	_____ is a widespread language now a days for cutting edge applications specially in AI.	Scratch	C	C++	Python	Python	4
5	To round-off numbers _____ function is used.	Floor	Ceiling	Abs	Round	Round	4
6	Output of the abs(-9) is _____.	-9	9	90	0.9	9	4
7	Which function is to inquire about type of an object ?	bool	pow	max	type	type	4
8	In programming a _____ is a block of code that perform some task.	variable	constant	data	function	function	4
9	A sprite can duplicate itself while the project is active using the ____ capability.	function	type	pow	clone	clone	4
10	The function eval() in python is used to convert text into _____.	letters	Symbols	Zeros	Numbers	Numbers	4
11	To display output on screen which function is used in python?	input	output	printf	print	print	4
12	In Scratch _____ loop does not have a terminating condition.	loop	repeat	untill	forever	forever	4
13	Which of the following items are in each Scratch Project?	Sprite	Stage	Script	All of these	All of these	4
14	A loop and a _____ are combined in the repeat until block.	formula	sprite	variable	condition	condition	4
15	Which of the following is used to make a new block from Scratch?	Sensing	Control	My Blocks	Variables	My Blocks	4
16	In programming, a Boolean expression is an expression that is either true or _____.	blank	yes	false	true	false	4
17	_____ block is used for moving sprites around the stage.	Control	Stage	Motion	Loop	Motion	4

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18	A loop becomes infinite loop if a condition never becomes _____.	true	null	zero	false	false	4
19	Floor() function always_____ a number.	rounds down	rounds up	cycles up	0	rounds down	4
20	Which is not a construct of programming languages:	Sequence	Condition	Loop	Business	Business	4
1	_____ refers to the responsible and effective use of digital technology.	Internet	LAN	Digital citizenship	Technology	Digital citizenship	5
2	Computer _____ means acceptable behavior for using digital technology.	E-learning	Digital	Ethics	Internet	Ethics	5
3	The website or program known as _____ is where user can share their content.	Ethics	Spoofing	Spamming	Social Media	Social Media	5
4	_____ occurs when media favors a specific view point.	Negative impact	Crime	Media bias	Scam	Media bias	5
5	_____ are virtual diaries created by people to share their hobbies, thoughts with like minded people.	Phishing	Spoofing	Blogs	Media website	Blogs	5
6	_____ are offences committed using computers and smart devices connected to the internet.	Cyber laws	Online safety	Cyber crime	Victim	Cyber crime	5
7	_____ refers to the sending of bulk mail by an identified or unidentified source.	Spoofing	Victim	Cyber	Spamming	Spamming	5
8	A__ is a person who starts quarrel or upsets people by posting mean and unwanted message in an online community	Hacker	Troll	Email	Spamming	Troll	5
9	_____ is a technique used by cyber criminals to gain the information from individuals.	Cyber	Victim	Spamming	Social engineering	Social engineering	5
10	_____ refers to the use of internet to harass, demean, embarrass or intimidate someone else.	Social engineering	Worm	Spoofing	Cyber bullying	Cyber bullying	5
11	Usually, the validity period for a patent is _____ years.	10	12	15	20	20	5
12	_____ is a symbol or word or logo legally registered or established and used as representing company or product.	Asset	Website	Trademark	Portfolio	Trademark	5

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13	The validity period for a trademark is _____ years and can be renewed after that.	10	15	18	20	10	5
14	To steal and pass off ideas or words of another as ones own is called _____.	Treademark	Patent	Plagiarism	Identity	Plagiarism	5
16	_____ gathers information about the victims without their awareness.	Ransomeware	Spyware	Copyright	Patent	Spyware	5
17	Some hackers use this technique for national security, creating safer system etc is called _____.	Keyloggers	Cyber	Phishing	Ethical hacking	Ethical hacking	5
18	A digital footprint is also known as _____.	Surfing	Keyloggers	Copyright	Digital Dossier	Digital Dossier	5
19	Rules to be followed while using digital technology is known as _____.	Computer Application	Computer Interaction	Computer Ethics	Computer Safety	Computer Ethics	5
20	The Law that protects creative work is _____.	Internet Privacy	Copyright	Plagiarism	Online Safety	Copyright	5
21	Malware that pops up advertisement is _____.	Virus	Worm	Spyware	Adware	Adware	5
22	To report a cybercrime, you can contact _____.	www.ndma.gov.pk	www.fbise.edu.pk	www.nr3c.gov.pk	www.nadra.gov.pk	www.nr3c.gov.pk	5
23	The volunteers who help in prevention of cybercrime are called _____.	Cyber friend	Eagle Scout	Cyber scout	Cyber bully	Cyber scout	5
24	Malware that transmits itself automatically over a network to infect other computers is _____.	Virus	Worm	Spyware	Adware	Worm	5
25	Studying from home through the internet is called _____.	i-Learning	e-Learning	c-Learning	all of these	e-Learning	5
29	Spamming refers to :	Sending an email from an unidentified source	Sending wrong information	Sending bulk of information	None of these	Sending an email from an unidentified source	5
30	Which of the following are not transaction fraud	Identity theft	Cyber troll	Banking fraud	Job fraud	Cyber troll	5
1	_____ is a formal written document that describes the company goals, strategy and implementation for growth of an organization>	Office	Market	Business Plan	Template	Business Plan	6
2	_____ is not a on-off event, it should be an ongoing practice of self assessment and planning.	Operation	Business	Business Planning	Business plan	Business Planning`	6

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3	_____ analysis is the process of identifying the requirements of the customers about a product or service.	Plan	Product design	Costing	Customer needs	Customer needs	6
4	_____ refers to the awareness of a product or service to increase sales.	Product	Price	Place	Promotion	Promotion	6
5	_____ is a procedure to ensure the quality of products or services provided to the customers by an organization.	Promotion	Quality Assurance	Price	Marketing	Quality Assurance	6
6	_____ is a fundamental part of digital marketing because people search to find information about product or services.	Payment	SEO	SOE	Bing	SEO	6
7	Which of the following is NOT element of marketing.	Product	Price	Promotion	Operation	Operation	6
8	Google is the leading digital platform and shares ___% of ads worldwide.	20	18	37	10	37	6
9	Entrepreneurship refers to the convenience of launching a _____ online.	Business	Education	Shopping	Program	Business	6
10	Which of the following is also referred to as digital Marketing?	Online Banking	Online Shopping	Online Marketing	All of these	Online Marketing	6
11	_____ process also involves identifying a potential market, assessing the size of the market, and determining an approximate estimate of the Products value.	Costing	Market need	Operations	Marketing	Marketing	6
12	Video marketing enables companies to connect with customers in a more _____ engaging and cooperating way.	tastefully	audible	visually	none of these	visually	6
13	The entire business plan is _____ in the executive summary.	copied	summarised	deleted	shared	summarised	6
14	The _____ is an instance of buying or selling something.	transaction	payment	sharing	storing	transaction	6

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15	The act of _____ between a buyer and a seller is referred to as a transaction.	agreement	disagreement	dispute	none of these	agreement	6
16	Email marketing is a direct marketing scheme that involves sending promotional _____ to customers.	Calls	Orders	Magazines	Messages	Messages	6
17	What is the component of business plan?	Marketing Strategy	Sales Strategy	Operations	Digital Marketing	Operations	6
18	Which of the following is the example of Quality Assurance?	Validation	Verification	Documentation	Software testing	Verification	6
19	Digital marketing is often referred to as _____?	billboard	online marketing	TV	radio	online marketing	6
20	Social Media Marketing is a type of _____?	Digital Marketing	Traditional Marketing	Industrial Marketing	Telemarketing	Digital Marketing	6

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