Sr No.	MCA
1	Which term will replace the question mark in the series: ABD,DGK,HMS,MTB,SBL, ?
Alt1	ZKU
Alt2	ZKW
Alt3	ZAB
Alt4	XKW

2	Choose word from the given options which bears the same relationship to the third word, as the first two bears: Illiteracy: Education:: Flood:?
Alt1	Rain
Alt2	Bridge
Alt3	Dam
Alt4	River

3	Select the lettered pair that has the same relationship as the original pair of words: Sip : Gulp
Alt1	Touch: Push
Alt2	Cup: Class
Alt3	Tent: Hut
Alt4	Soup: Water

4	Select the lettered pair that has the same relationship as the original pair of words: Low : Cattle
Alt1	Sheep: Beef
Alt2	Gaggle: Chicken
Alt3	Grunt: Hogs
Alt4	Flock: Goat

5	Find out the number that has the same relationship as the numbers of the given pair: 8 : 81 : : 64 : ?
Alt1	125
Alt2	137
Alt3	525
Alt4	625

6	Spot the defective segment from the following:
Alt1	It’s time
Alt2	the students dispersed
Alt3	to go to home
Alt4	after study hours

7	There is no -------- in our car and it is already crowded.
Alt1	room
Alt2	place
Alt3	seat

Alt4	space

8	Newton ---------- loved his pet dog very much.
Alt1	a scientist
Alt2	the scientist
Alt3	scientist
Alt4	one scientist

9	Choose the option closest in meaning to the given word: JINGOISM
Alt1	deism
Alt2	chauvinism
Alt3	extremism
Alt4	pacifism

10	Choose the antonymous option you consider the best: QUACK
Alt1	bizarre
Alt2	procurer
Alt3	charlatan
Alt4	authority

11	In a village there are 1000 persons. Out of which 800 are literates. Out of 1000,700 are criminals. There are 550 literate criminals in that village. How many Illiterate non criminals are there?
Alt1	150
Alt2	250
Alt3	50
Alt4	200

12	Average weight of A,B,C is 45; Average weight of A&B is 40; Average weight of B&c is 43, Weight of B is
Alt1	17
Alt2	20
Alt3	26
Alt4	31

13	Which of the following cannot be the Median of the three positive Integers X,Y & Z ?
Alt1	X
Alt2	Z
Alt3	X+Z
Alt4	(X+Z)/3

14	How many Zero's are there in the product 1*2*3*------*10
Alt1	2
Alt2	10
Alt3	5

Alt4	6

15	A,B,C,D work on a project. Together A,B &C can complete in 100 days; Together B,C &D can complete in 101 days; Together C,D & A can complete in 102 days; together D,A & B can complete in 103 days . Rank them from the best to the worst performer.
Alt1	C>B>A>D
Alt2	C>A>B>D
Alt3	D>B>A>C
Alt4	D>A>B>C

16	22 Students are evenly spaced on the circumference of a big circle. They are numbered 1to 22. which number is opposite to 17?
Alt1	8
Alt2	5
Alt3	7
Alt4	6

17	The fare of a luxury cab is Rs. X for the first five Kilometres and Rs,13/- per Kilometre thereafter. If a passenger pays Rs.2402/- for a journey of 187 kilometres, what is the value of X ?
Alt1	Rs.29
Alt2	Rs.39
Alt3	Rs.36
Alt4	Rs.31

18	An HR Company employs 4800 people out of which 45 per cent are males and 60 per cent of males are either 25 years or older. How many males are employed in that company who are younger than 25 years ?
Alt1	2640
Alt2	2160
Alt3	1296
Alt4	864

19	A person buys a shirt with marked price Rs.400/- at 20% discount. In order to make a profit of 20% the person should sell the shirt for
Alt1	Rs.400/-
Alt2	Rs.384/-
Alt3	Rs.320/-
Alt4	Rs.480/-

20	The following information is given:(i) Five friends P, Q, R. S and T travelled to five different cities of Chennai, Calcutta, Delhi, Bangalore and Hyderabad by five different modes of transport of Bus, Train, Aeroplane, Car and Boat from Mumbai. (ii) The person who travelled to Delhi did not travel by boat. (iii) R went to Bangalore by car and Q went to Calcutta by aeroplane.(iv) S travelled by boat whereas T travelled by train. (v) Mumbai is not connected by bus to Delhi and Chennai. Which of the following combinations of place and mode is not correct ?

Alt1	Delhi — Bus
Alt2	Calcutta — Aeroplane
Alt3	Bangalore — Car
Alt4	Chennai — Boat

21	A pineapple costs Rs. 7 each. A watermelon costs Rs. 5 each. X spends Rs. 38 on these fruits . The number of pineapples purchased is:-
Alt1	4
Alt2	2
Alt3	3
Alt4	Data inadequate

22	To resolve the problem of transmission of clear text passwords, we can first encrypt the password on the user's computer and then send it to the server for authentication. This means that we must provide for some sort of cryptographic functionality on the user's computer. In fact, this functionality is needed even in the approach of encrypting the random number with the message digest of the user's password. This is not a problem in the case of client-server applications, where the client is capable of performing computations anyway. However, in the case of Internet applications, where the client is a Web browser, which does not have any special programming capabilities, this can be a problem. Consequently, we must resort to technologies such as Secure Socket Layer (SSL). That is, a secure SSL connection must be established between the client and the server, which would involve the step wherein the client verifies the server's authenticity based on the server's digital certificate. After this, all the communication between the client and the server will be encrypted using SSL, so the password need not have any application-level protection mechanisms now. SSL would perform the required encryption operations. Based on the passage, we understand that SSL is needed only:-
Alt1	In client server communication
Alt2	When password for transmission needs to be encrypted
Alt3	When the client has to communicate securely with the server through a web browser
Alt4	When the client does not have any special programming capabilities

23	Enigma machine is a mechanical tool used by the Germans in World War II to scramble messages and prevent the enemy from understanding them. Enigma was based on revolving wheels, or rotors, that were wired together and connected to a typewriter keyboard. There were so many ways to encrypt a message that even if 1,000 analysts tried four different ways each minute, all day, every day, it would have taken the team 1.8 billion years to test them all. So, how did the Allies break the encryption? First, they made use of the likely chatter over the wires about each day's events. By guessing that the Germans would be discussing certain places or issues, the Allies found sections of scrambled text that they could relate to the original messages, or cleartext. Next, they concentrated on Luftwaffe messages. Counting on the likelihood that the Luftwaffe signalmen were not as well trained as those in the Army or Navy, the Allies watched for slip-ups that increased the odds of understanding the encrypted messages. For instance, Luftwaffe signalment often used 'a girlfriend's name for a key setting or beginning a second message with the same setting as that left at the ending of the first'. Such knowledge enabled the Allies to determine some of the Luftwaffe's plans during the Battle of Britain. Thus, sophisticated technology can be trumped when control protocols are not followed carefully and completely. Which of the following is true about Enigma with reference to the passage above?
Alt1	Enigma is an electro-mechanical tool because it has revolving wheels which are wired to a typewriter keyboard

Alt2	Enigma is a mechatronic tool because it has revolving wheels which are wired to a typewriter keyboard
Alt3	Enigma is only a mechanical tool
Alt4	Enigma is a computer-supported mechanical tool because it has revolving wheels which are wired to a typewriter keyboard

24	The ".com" stands for:-
Alt1	Component
Alt2	Commercial
Alt3	Computer
Alt4	Committed

25	Two numbers are in the ratio 2 : 3. If their L.C.M. is 48. What is sum of the numbers?
Alt1	28
Alt2	40
Alt3	42
Alt4	68

26	The transmission medium which uses light is called:-
Alt1	Log wire
Alt2	Mirror wire
Alt3	Fibre Optics
Alt4	UTP

27	There is a group of seven persons in a family, A, B, C, D, E, F and G. They all appeared in an I.Q. test to test their intelligence. There are two married couples in the family and three females in total. G, a female, is the most intelligent. B, the father of E, is more intelligent than his son. C has one son and one daughter. She is more intelligent than her husband. The father of B is more intelligent than B himself. E, the grandson of F, is the least intelligent. F, the grandfather, is the second most intelligent in the family. The mother of B is less intelligent than B. None among the married topped the I.Q. test. The grandmother of G has two sons, one of whom is D, who is more intelligent than her brother but less intelligent than his wife. Nobody is a widow or a widower in the family Who among them is a married couple?
Alt1	AF
Alt2	AC
Alt3	AE
Alt4	AD

28	What is the least number which when divided by 5, 6, 7 and 8 leaves a remainder 3, but when divided by 9 leaves no remainder?
Alt1	1683
Alt2	3363
Alt3	1453
Alt4	1324

29	Four girls are sitting on a bench to be photographed. Shikha is to the left of Reena. Manju is to the right of Reena. Rita is between Reena and Manju. Who would be second from the left in the photograph?
Alt1	Rita
Alt2	Reena
Alt3	Manju
Alt4	Shikha

30	Which is the necessary part of the BOOK?
Alt1	Pages
Alt2	Pictures
Alt3	Learning
Alt4	Fiction

31	The sum of the incomes of A and B is more than that of C and D taken together. The sum of the incomes of A and C is the same as that of B and D taken together. Moreover, A earns half as much as the sum of the incomes of B and D. If A's income be Rs. 80,000 per annum and the difference between the incomes of B and D be the same as A's income, B's income is:-
Alt1	Rs. 80,000
Alt2	Rs. 40,000
Alt3	Rs. 60,000
Alt4	Rs. 1,20,000

32	To resolve the problem of transmission of clear text passwords, we can first encrypt the password on the user's computer and then send it to the server for authentication. This means that we must provide for some sort of cryptographic functionality on the user's computer. In fact, this functionality is needed even in the approach of encrypting the random number with the message digest of the user's password. This is not a problem in the case of client-server applications, where the client is capable of performing computations anyway. However, in the case of Internet applications, where the client is a Web browser, which does not have any special programming capabilities, this can be a problem. Consequently, we must resort to technologies such as Secure Socket Layer (SSL). That is, a secure SSL connection must be established between the client and the server, which would involve the step wherein the client verifies the server's authenticity based on the server's digital certificate. After this, all the communication between the client and the server will be encrypted using SSL, so the password need not have any application-level protection mechanisms now. SSL would perform the required encryption operations. Based on the above passage, we understand that SSL:-
Alt1	Eliminates the need for password encryption
Alt2	Is a secure connection between the client and server
Alt3	Is a secure layer between the client and server
Alt4	Adds an additional overhead between the client and server

33	If you are facing North-East and move 10 m forward, turn left and move 7.5 m, then you are:-
Alt1	South of your initial position

Alt2	East of your initial position
Alt3	North of your initial position
Alt4	12m from your initial position

34	Which of the following are not statements? i. Three plus four is eight ii. The sun is a planet iii. Switch on the light iv. This statement is true.
Alt1	i, ii
Alt2	i, iv
Alt3	iii, iv
Alt4	ii, iii

35	At a game of billiards, A can give B 15 points in 60 and A can give C 20 points in 60. How many points can B give C in a game of 90?
Alt1	12 points
Alt2	22 points
Alt3	10 points
Alt4	20 points

36	The product of two numbers is 9375 and the quotient, when the larger one is divided by the smaller, is 15. The sum of the numbers is:-
Alt1	385
Alt2	380
Alt3	425
Alt4	400

37	What is the antonym of Comical?
Alt1	Crazy
Alt2	Wacky
Alt3	Serious
Alt4	Humorous

38	Arrange the words given below in a meaningful sequence. 1.Poverty 2. Unemployment 3. Death 4. Population 5. Disease
Alt1	4 1 2 3 5
Alt2	1 2 3 4 5
Alt3	4 2 1 5 3
Alt4	2 3 4 1 5

39	Choose the correct meaning of the idiom.
Alt1	To amend some problems
Alt2	To destroy something

Alt3	To find a reason for quarrel
Alt4	To criticize someone

40	SQL stands for:-
Alt1	Structured Query Language
Alt2	Simple Query Language
Alt3	Standard Query Language
Alt4	Single Query Language

41	The product of two numbers is 120 and the sum of their squares is 289. The sum of the number is:-
Alt1	189
Alt2	169
Alt3	23
Alt4	20

42	Java programs are compiled into:-
Alt1	Bit Code
Alt2	Byte Code
Alt3	JCode
Alt4	C-Code

43	In the following sentence suggest the suitable alternative for the italicised phrase. In case no improvement is needed mark "no improvement" Whenever the two sisters go out for shopping, they take their pet dog with them.
Alt1	go out shopping
Alt2	go out to shopping
Alt3	go out on shopping
Alt4	no improvement

44	In order to help the company attain its goal of enhancing profit, all the employees_____.
Alt1	voluntarily offered to render additional services in lieu of nothing
Alt2	voluntarily offered to work overtime with lucrative compensation
Alt3	appealed the management to implement new welfare schemes
Alt4	urged the management to grant paid leave

45	What is the least perfect square which is divisible by each of 21, 36 and 66?
Alt1	214434
Alt2	231444
Alt3	213444
Alt4	214344

46	FTP stands for:-
Alt1	File Transfer Protocol
Alt2	File Transfer Point
Alt3	File Type Print
Alt4	Format Type Print

47	Find the Odd one.
Alt1	sheep:bleat
Alt2	horse:neigh
Alt3	owl:hoot
Alt4	ass:grunt

48	The difference between a two-digit number and the number obtained by interchanging the positions of its digits is 36. What is the difference between the two digits of that number?
Alt1	4
Alt2	6
Alt3	5
Alt4	3

49	Which of the following is NOT a search engine?
Alt1	Yahoo
Alt2	Motorola
Alt3	Google
Alt4	Bing

50	_____of old paintings is a job for experts.
Alt1	Retrieval
Alt2	Restoration
Alt3	Renovation
Alt4	Resurrection

51	There is a group of seven persons in a family, A, B, C, D, E, F and G. They all appeared in an I.Q. test to test their intelligence. There are two married couples in the family and three females in total. G, a female, is the most intelligent. B, the father of E, is more intelligent than his son. C has one son and one daughter. She is more intelligent than her husband. The father of B is more intelligent than B himself. E, the grandson of F, is the least intelligent. F, the grandfather, is the second most intelligent in the family. The mother of B is less intelligent than B. None among the married topped the I.Q. test. The grandmother of G has two sons, one of whom is D, who is more intelligent than her brother but less intelligent than his wife. Nobody is a widow or a widower in the family Who among the following is not the same generation as others?
Alt1	A
Alt2	B
Alt3	C
Alt4	D

52	Convoy:Ships ::Deputation:?
Alt1	Politicians
Alt2	Writers
Alt3	Representatives
Alt4	Voters

53	Cube is related to square in the same way as square is related to:-
Alt1	Point
Alt2	Triangle
Alt3	Plane
Alt4	Line

54	The SSL stands for:-
Alt1	System Socket Level
Alt2	System Single Level
Alt3	Secure Sockets Layer
Alt4	Secure System Level

55	Identify the odd item.
Alt1	Python
Alt2	Oracle
Alt3	C
Alt4	Java

56	Which number should come next in this series? 12, 38, 116, 350, 1052, ?
Alt1	3112
Alt2	3216
Alt3	3158
Alt4	3253

57	An alternative to MS office is:-
Alt1	Libre office
Alt2	S office
Alt3	M office
Alt4	SM office

58	Which of the following is NOT a web browser?
Alt1	Edge
Alt2	Firefox
Alt3	KDE
Alt4	Opera

59	Pick out the most effective word from the options for the following: We shall not be able to use your ability in court unless we can find someone to _____ to statements.
Alt1	avouch
Alt2	corroborate
Alt3	approve
Alt4	verify

60	Find the correctly spelt word.
Alt1	Hinderence
Alt2	Hindrence
Alt3	Hindrance
Alt4	Hinderance

61	Identify the odd item.
Alt1	Jellybean
Alt2	Kitkat
Alt3	Marshmallow
Alt4	Coolkit

62	If you behave strangely, nobody will get _____ with you.
Alt1	through
Alt2	along
Alt3	about
Alt4	on

63	Spot the erroneous part of the sentence "An Indian ship laden with merchandise got drowned in the Pacific":-
Alt1	got drowned
Alt2	in the Pacific
Alt3	An Indian Ship
Alt4	Laden with merchandise

64	The sum of the squares of three numbers is 138, while the sum of their products taken two at a time is 131. Their sum is:-
Alt1	30
Alt2	40
Alt3	50
Alt4	20

65	Find a positive number which when increased by 17 is equal to 60 times the reciprocal of the number.
Alt1	17
Alt2	20
Alt3	3
Alt4	10

66	Light : Sun : : Heat : ?
Alt1	Electricity
Alt2	Star
Alt3	Moon
Alt4	Fire

67	To resolve the problem of transmission of clear text passwords, we can first encrypt the password on the user's computer and then send it to the server for authentication. This means that we must provide for some sort of cryptographic functionality on the user's computer. In fact, this functionality is needed even in the approach of encrypting the random number with the message digest of the user's password. This is not a problem in the case of client-server applications, where the client is capable of performing computations anyway. However, in the case of Internet applications, where the client is a Web browser, which does not have any special programming capabilities, this can be a problem. Consequently, we must resort to technologies such as Secure Socket Layer (SSL). That is, a secure SSL connection must be established between the client and the server, which would involve the step wherein the client verifies the server's authenticity based on the server's digital certificate. After this, all the communication between the client and the server will be encrypted using SSL, so the password need not have any application-level protection mechanisms now. SSL would perform the required encryption operations. The passages emphasizes which of the following:-
Alt1	Passwords are only sent from user's computer to the server
Alt2	Passwords must be used only for server authentication
Alt3	Password must be encrypted before transmission to server for authentication
Alt4	Only encrypted Password must be used for authentication with the server

68	Yard is to inch as quart is to:-
Alt1	gallon
Alt2	Ounce
Alt3	liquid
Alt4	milk

69	To resolve the problem of transmission of clear text passwords, we can first encrypt the password on the user's computer and then send it to the server for authentication. This means that we must provide for some sort of cryptographic functionality on the user's computer. In fact, this functionality is needed even in the approach of encrypting the random number with the message digest of the user's password. This is not a problem in the case of client-server applications, where the client is capable of performing computations anyway. However, in the case of Internet applications, where the client is a Web browser, which does not have any special programming capabilities, this can be a problem. Consequently, we must resort to technologies such as Secure Socket Layer (SSL). That is, a secure SSL connection must be established between the client and the server, which would involve the step wherein the client verifies the server's authenticity based on the server's digital certificate. After this, all the communication between the client and the server will be encrypted using SSL, so the password need not have any application-level protection mechanisms now. SSL would perform the required encryption operations. Based on the above passage, we understand that:-
Alt1	Cryptographic functionalities are required in the user's computer only when we use a Web browser
Alt2	Cryptographic functionalities are not required if we use client-server applications
Alt3	Cryptographic functionalities are required for encrypting user passwords
Alt4	Cryptographic functionalities are required in the user's computer

70	Two cards are drawn together from a pack of 52 cards. The probability that one is a spade and one is a heart, is
Alt1	13/102
Alt2	29/34
Alt3	3/20
Alt4	47/102

71	A man is 24 years older than his son. In two years, his age will be twice the age of his son. What is the present age of his son?
Alt1	23 years
Alt2	25 years
Alt3	24 years
Alt4	22 years

72	Two dice are thrown together .What is the probability that the sum of the number on the two faces is divisible by 4 or 6?
Alt1	8/18
Alt2	4/18
Alt3	7/18
Alt4	5/18

73	Thick is related to Thin in the same way as Idle is related to:-
Alt1	Industrious
Alt2	Activity
Alt3	Buisiness
Alt4	Virtuous

74	The compiler used to compile the C programs in Unix environments is called:-
Alt1	dcc
Alt2	acc
Alt3	gcc
Alt4	kcc

75	Timing attacks relate to public-key algorithm. However, the issue may also be relevant for symmetric ciphers. In essence, a timing attack is one which information about the key or the plaintext is obtained by observing how long it takes a given implementation to perform decryptions on various cipher texts. A timing attack exploits the fact that an encryption or decryption algorithm often takes slightly different amounts of time on different inputs. This is a long way from knowing the actual key, but it is an intriguing first step. Data Encryption Standard (DES) algorithm appears fairly resistant to a successful timing attack but some avenues could be explored. Although this is an interesting line of attack, it so far appears unlikely that this technique will ever be successful against DES or more powerful symmetric ciphers such as triple DES and the Advanced Encryption Standard algorithm Which is most relevant understanding about Timing Attack from the last line of the text?
Alt1	Can never be successful on DES algorithm
Alt2	Can be successful on DES algorithm but it needs further work

Alt3	Not possible to perform a timing attack easily on DES
Alt4	Can be successful on DES later but not on more powerful symmetric ciphers

76	Commonly available RPM for hard disk is:-
Alt1	5400
Alt2	6000
Alt3	2300
Alt4	1500

77	There is a group of seven persons in a family, A, B, C, D, E, F and G. They all appeared in an I.Q. test to test their intelligence. There are two married couples in the family and three females in total. G, a female, is the most intelligent. B, the father of E, is more intelligent than his son. C has one son and one daughter. She is more intelligent than her husband. The father of B is more intelligent than B himself. E, the grandson of F, is the least intelligent. F, the grandfather, is the second most intelligent in the family. The mother of B is less intelligent than B. None among the married topped the I.Q. test. The grandmother of G has two sons, one of whom is D, who is more intelligent than her brother but less intelligent than his wife. Nobody is a widow or a widower in the family How is G related to D?
Alt1	Daughter
Alt2	Daughter - in- law
Alt3	Niece
Alt4	Cousin

78	Enigma machine is a mechanical tool used by the Germans in World War II to scramble messages and prevent the enemy from understanding them. Enigma was based on revolving wheels, or rotors, that were wired together and connected to a typewriter keyboard. There were so many ways to encrypt a message that even if 1,000 analysts tried four different ways each minute, all day, every day, it would have taken the team 1.8 billion years to test them all. So, how did the Allies break the encryption? First, they made use of the likely chatter over the wires about each day's events. By guessing that the Germans would be discussing certain places or issues, the Allies found sections of scrambled text that they could relate to the original messages, or cleartext. Next, they concentrated on Luftwaffe messages. Counting on the likelihood that the Luftwaffe signalmen were not as well trained as those in the Army or Navy, the Allies watched for slip-ups that increased the odds of understanding the encrypted messages. For instance, Luftwaffe signalment often used 'a girlfriend's name for a key setting or beginning a second message with the same setting as that left at the ending of the first'. Such knowledge enabled the Allies to determine some of the Luftwaffe's plans during the Battle of Britain. Thus, sophisticated technology can be trumped when control protocols are not followed carefully and completely.
Alt1	The encryption was not strong
Alt2	The Allies used intelligent techniques to break the message
Alt3	The encryption process was not followed correctly
Alt4	The signalmen were not trained in using the tool

79	Complete the following proverbs: A little knowledge is a_____thing.

Alt1	good
Alt2	sweet
Alt3	dangerous
Alt4	profitable

80	Timing attacks relate to public-key algorithm. However, the issue may also be relevant for symmetric ciphers. In essence, a timing attack is one which information about the key or the plaintext is obtained by observing how long it takes a given implementation to perform decryptions on various cipher texts. A timing attack exploits the fact that an encryption or decryption algorithm often takes slightly different amounts of time on different inputs. This is a long way from knowing the actual key, but it is an intriguing first step. Data Encryption Standard (DES) algorithm appears fairly resistant to a successful timing attack but some avenues could be explored. Although this is an interesting line of attack, it so far appears unlikely that this technique will ever be successful against DES or more powerful symmetric ciphers such as triple DES and the Advanced Encryption Standard algorithm Which of the following is true based on the above passage?
Alt1	Timing attack relates to both symmetric ciphers and public-key algorithms
Alt2	Timing attack is directly relevant to public-key algorithms but indirectly relevant to symmetric ciphers
Alt3	Timing attack relates to public-key algorithms only
Alt4	Public Key ciphers and Symmetric ciphers can be subject to timing attacks

81	Enigma machine is a mechanical tool used by the Germans in World War II to scramble messages and prevent the enemy from understanding them. Enigma was based on revolving wheels, or rotors, that were wired together and connected to a typewriter keyboard. There were so many ways to encrypt a message that even if 1,000 analysts tried four different ways each minute, all day, every day, it would have taken the team 1.8 billion years to test them all. So, how did the Allies break the encryption? First, they made use of the likely chatter over the wires about each day's events. By guessing that the Germans would be discussing certain places or issues, the Allies found sections of scrambled text that they could relate to the original messages, or cleartext. Next, they concentrated on Luftwaffe messages. Counting on the likelihood that the Luftwaffe signalmen were not as well trained as those in the Army or Navy, the Allies watched for slip-ups that increased the odds of understanding the encrypted messages. For instance, Luftwaffe signalment often used 'a girlfriend's name for a key setting or beginning a second message with the same setting as that left at the ending of the first'. Such knowledge enabled the Allies to determine some of the Luftwaffe's plans during the Battle of Britain. Thus, sophisticated technology can be trumped when control protocols are not followed carefully and completely.
Alt1	Even 1000 analysts cannot test all the possible encryptions
Alt2	It would have taken 1000 analysts to find all the possible encryptions for a message
Alt3	It would have taken 1000 analysts 1.8 billion years to break the encryption
Alt4	Even if 1000 analysts tried four different ways each minute, all day, every day, they cannot break the encryption

82	Which of the following is a cloud based storage provider?
Alt1	Filebox
Alt2	Dropbox

Alt3	Firefox
Alt4	Dbox

83	The calendar for the year 2007 will be the same for the year:-
Alt1	2016
Alt2	2018
Alt3	2014
Alt4	2017

84	The popularly used file system in windows operating system is:-
Alt1	NTFS
Alt2	Ext4
Alt3	Loader
Alt4	Ext3

85	If LIGHT is coded as GILTH, find the code for RAINY.
Alt1	NAIRY
Alt2	IARYN
Alt3	ARINY
Alt4	RINAY

86	Timing attacks relate to public-key algorithm. However, the issue may also be relevant for symmetric ciphers. In essence, a timing attack is one which information about the key or the plaintext is obtained by observing how long it takes a given implementation to perform decryptions on various cipher texts. A timing attack exploits the fact that an encryption or decryption algorithm often takes slightly different amounts of time on different inputs. This is a long way from knowing the actual key, but it is an intriguing first step. Data Encryption Standard (DES) algorithm appears fairly resistant to a successful timing attack but some avenues could be explored. Although this is an interesting line of attack, it so far appears unlikely that this technique will ever be successful against DES or more powerful symmetric ciphers such as triple DES and the Advanced Encryption Standard algorithm Which of the following is true based on the above passage?
Alt1	Timing attack is not help to obtain the actual key
Alt2	Timing attack can help to obtain the actual key eventually
Alt3	Timing attack and followed by many other subsequent attacks can help to obtain the actual key
Alt4	Timing attack is the first step towards finding the actual key

87	I saw a _____ of cows in the field.
Alt1	Herd
Alt2	Group
Alt3	Swarm
Alt4	Flock

88	If a number is multiplied by 22 and the same number is added to it then we get a number that is half the square of that number. Find the number.
Alt1	40

Alt2	35
Alt3	30
Alt4	46

89	Timing attacks relate to public-key algorithm. However, the issue may also be relevant for symmetric ciphers. In essence, a timing attack is one which information about the key or the plaintext is obtained by observing how long it takes a given implementation to perform decryptions on various cipher texts. A timing attack exploits the fact that an encryption or decryption algorithm often takes slightly different amounts of time on different inputs. This is a long way from knowing the actual key, but it is an intriguing first step. Data Encryption Standard (DES) algorithm appears fairly resistant to a successful timing attack but some avenues could be explored. Although this is an interesting line of attack, it so far appears unlikely that this technique will ever be successful against DES or more powerful symmetric ciphers such as triple DES and the Advanced Encryption Standard algorithm Which of the following is true based on the above passage?
Alt1	There are multiple types of timing attacks having multiple variants
Alt2	There are multiple types of timing attacks
Alt3	A single type of attack having multiple variants
Alt4	A single type of attack

90	Find the minimum number of straight lines required to make the given figure.
Alt1	14
Alt2	19
Alt3	17
Alt4	15

91	WiFi stands for:-
Alt1	Wireless Fidelity
Alt2	Wireless Fire
Alt3	Wireless Fix
Alt4	Wireless Fiction

92	Enigma machine is a mechanical tool used by the Germans in World War II to scramble messages and prevent the enemy from understanding them. Enigma was based on revolving wheels, or rotors, that were wired together and connected to a typewriter keyboard. There were so many ways to encrypt a message that even if 1,000 analysts tried four different ways each minute, all day, every day, it would have taken the team 1.8 billion years to test them all. So, how did the Allies break the encryption? First, they made use of the likely chatter over the wires about each day's events. By guessing that the Germans would be discussing certain places or issues, the Allies found sections of scrambled text that they could relate to the original messages, or cleartext. Next, they concentrated on Luftwaffe messages. Counting on the likelihood that the Luftwaffe signalmen were not as well trained as those in the Army or Navy, the Allies watched for slip-ups that increased the odds of understanding the encrypted messages. For instance, Luftwaffe signalment often used 'a girlfriend's name for a key setting or beginning a second message with the same setting as that left at the ending of the first'. Such knowledge enabled the Allies to determine some of the Luftwaffe's plans during the Battle of Britain. Thus, sophisticated technology can be trumped when control protocols are not followed carefully and completely.
Alt1	Some of Luftwaffe's messages were broken
Alt2	Luftwaffe's messages were easy to break
Alt3	Luftwaffe's messages were completely broken by Allies
Alt4	Luftwaffe's messages were the only ones broken by Allies

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Alt1	It is a type of encryption of a message
Alt2	It is a way of rendering a message incomprehensible
Alt3	It is the same as encrypting the message
Alt4	Encryption renders a message incomprehensible and scrambling is a type of encryption

94	To resolve the problem of transmission of clear text passwords, we can first encrypt the password on the user's computer and then send it to the server for authentication. This means that we must provide for some sort of cryptographic functionality on the user's computer. In fact, this functionality is needed even in the approach of encrypting the random number with the message digest of the user's password. This is not a problem in the case of client-server applications, where the client is capable of performing computations anyway. However, in the case of Internet applications, where the client is a Web browser, which does not have any special programming capabilities, this can be a problem. Consequently, we must resort to technologies such as Secure Socket Layer (SSL). That is, a secure SSL connection must be established between the client and the server, which would involve the step wherein the client verifies the server's authenticity based on the server's digital certificate. After this, all the communication between the client and the server will be encrypted using SSL, so the password need not have any application-level protection mechanisms now. SSL would perform the required encryption operations. Based on the above passage, we understand that SSL is:-
Alt1	An Encryption technology
Alt2	An authentication technology and encryption is a part of it
Alt3	An encryption technology and authentication is a part of it
Alt4	An Authentication technology

95	In how many ways the letters of word 'LEADER' can be arranged?
Alt1	360
Alt2	420
Alt3	350
Alt4	480

96	Every computer connected to the internet has a:-
Alt1	CSS
Alt2	DNS
Alt3	Web site
Alt4	IP address

97	Android is a:-
Alt1	Mobile Operating System
Alt2	Framework
Alt3	Package
Alt4	Programming Language

98	Which of the following is an open source operating system?
Alt1	Windows 8.1
Alt2	iOS
Alt3	Linux
Alt4	Windows 10

99	CMM, EOO, GQQ, _____, KUU.
Alt1	GSS
Alt2	GRR

Alt3	ITT
Alt4	ISS

100	What is the number of triangles that can be formed whose vertices are the vertices of an octagon but have only one side common with that of octagon?
Alt1	32
Alt2	16
Alt3	24
Alt4	64