

INFORMATION TECHNOLOGY SUPPORT
SELECCIÓN ÚNICA

- 1) When was the artificial intelligence developed? In the _____ generation.
- A) third
 - B) fifth
 - C) first
 - D) fourth
- 2) In order to compare two floppy disks track by track, what is the appropriate MS-DOS operating system command?
- A) Diskcomp
 - B) Diskcopy
 - C) Diskfrag
 - D) Diskrev

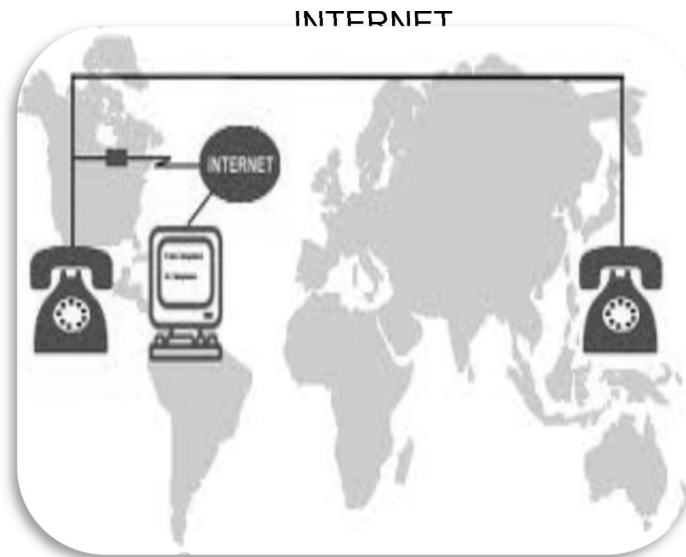
- 3) Read the protocol list.

I.	IP
II.	TCP
III.	RIPv2
IV.	EIGRP

According to the previous list, which numbers identify the protocols used by the Internet?

- A) I and II
- B) I and III
- C) II and III
- D) II and IV

4) Consider the illustration.



What kind of Internet connection does the previous illustration refer to?

- A) Integrated services digital network
- B) Asymmetric digital subscriber line
- C) Switched digital subscriber lines
- D) Switched telephone network

5) What are the functions that the information system must execute?

- A) Collect data and protect information.
- B) Prototype and transmit information.
- C) Determine the needs and recover the information.
- D) Implement operational feasibility and retrieve data.

6) Read the information.

It is a communication technology that makes use of radio waves in order to connect a local area network. It is also widely used to connect Internet from a laptop or smart phone while out and about.

What kind of connectivity is presented in the previous information?

- A) Infrared port
- B) Microwaves
- C) Wire
- D) Wi-Fi

7) What frequency does the GSM technology work?

- A) 650 MHz
- B) 850 MHz
- C) 1550 MHz
- D) 2200 MHz

8) What kind of chemical agents can be found in a workplace?

- A) Powder, humidity and bacteria
- B) Bacteria, radiation and noise
- C) Humidity, fungus and noise
- D) Dust, fog and gasses

9) Read the information.

- I. It allows controlling specific functions of the devices connected to the motherboard of the computer.
- II. They are physical connectors that allow the installation of expansion slots in the motherboard.
- III. It consists of an interface that allows the transfer of data via the data bus.
- IV. It allows direct connections of external devices.

According to the previous information, which numbers identify the slots of the motherboard?

- A) I and II
- B) I and III
- C) II and III
- D) III and IV

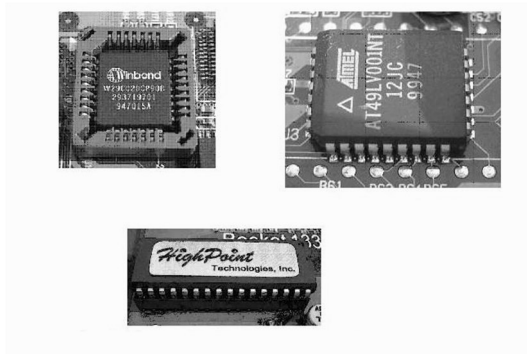
10) Read the information about Computer Architecture.

- I. It supervises the communication established between the computer and the device connected to it.
- II. It allows continuous data changing of an image displayed on the monitor.
- III. It transmits the data bits one after the other on a single line.
- IV. It configures as com1, com2 or com3.

According to the previous information, which numbers identify the serial port?

- A) I and II
- B) I and III
- C) II and III
- D) III and IV

11) Consider the illustration about basic hardware components.



Which part of the computer motherboard does the previous illustration refer to?

- A) Chipset
- B) Diode
- C) Leds
- D) Bios

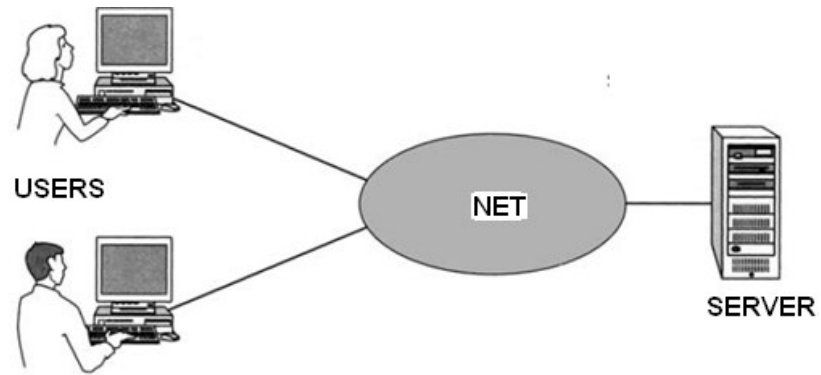
12) Consider the illustration:



What kind of network is shown in the illustration above?

- A) LAN
- B) WAN
- C) MAN
- D) WLAN

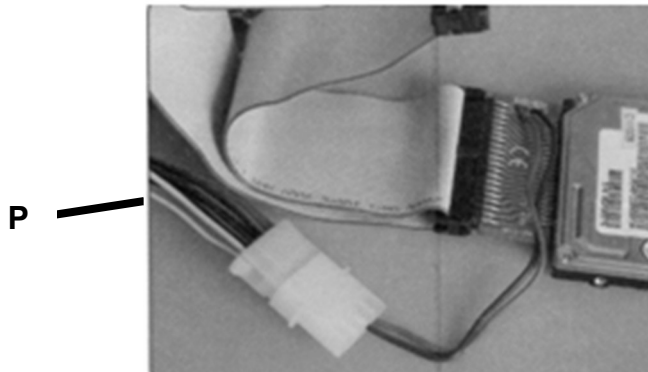
13) Consider the illustration.



What kind of net does the previous illustration refer to?

- A) Local network
- B) Wide network
- C) Peer to peer
- D) Client/server

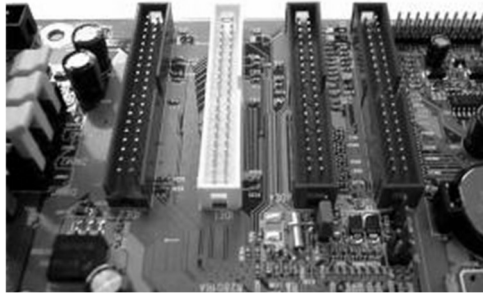
14) Consider the illustration.



What kind of belt is indicated by the letter P in the illustration above?

- A) SCUSI
- B) RISK
- C) ATA
- D) IDE

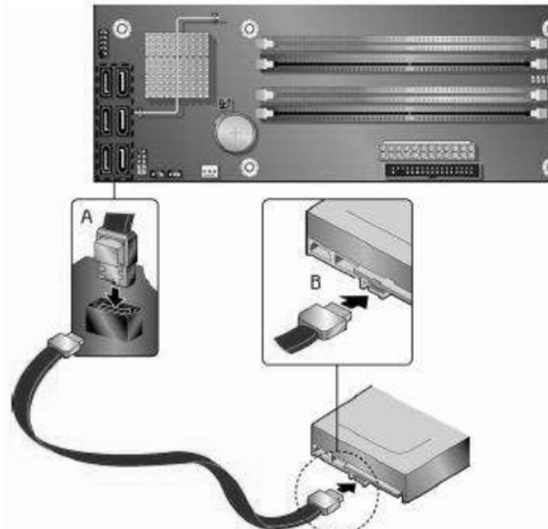
15) Consider the image.



What kind of connector does the previous image refer to?

- A) SCART
- B) SAS
- C) IDE
- D) ATA

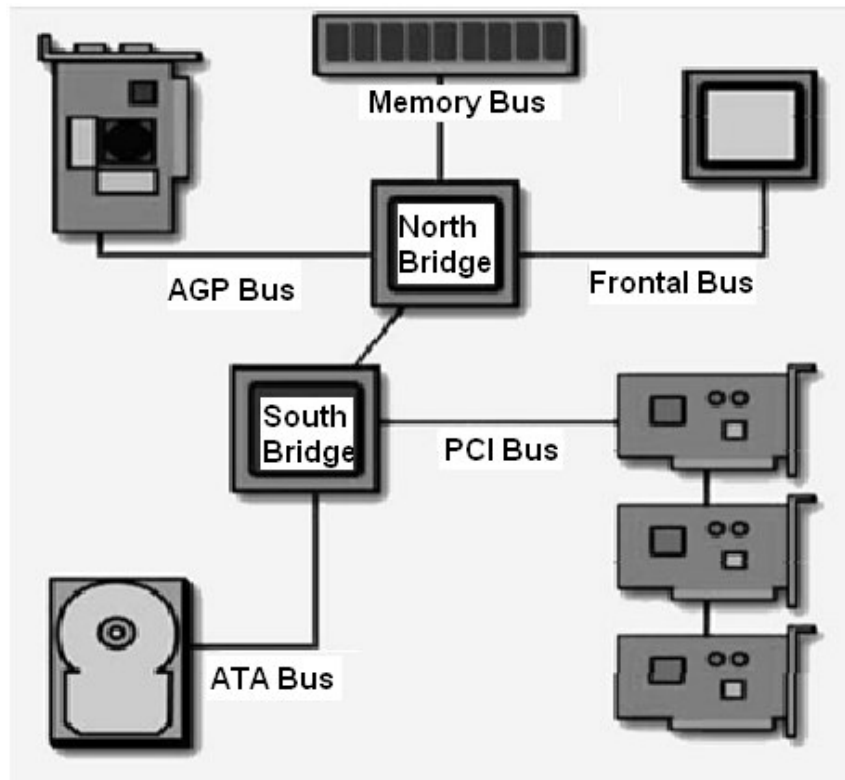
16) Consider the illustration.



What kind of cable is presented in the illustration above?

- A) IDE
- B) FDD
- C) SCSI
- D) SATA

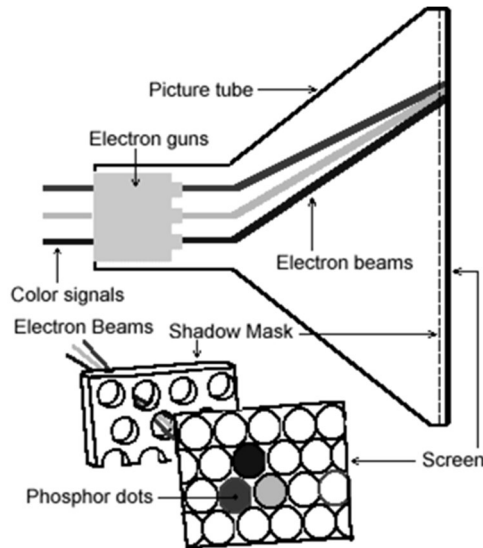
17) Consider the illustration.



What is the internal part of the computer presented in the previous illustration?

- A) Bios
- B) Socket
- C) Chipset
- D) Jumper

- 18) Consider the illustration about the internal structure of the technology of image deployment.



What kind of technology of image deployment does the previous illustration refer to?

- A) CRT
- B) LCD
- C) TIFF
- D) FLAG

- 19) Read the information.

It is responsible for generating a fine electron beam, after passing through the different electrodes that constitute it, so it hits the screen.

Which CRT display internal component is referred to in the previous information?

- A) Control grid
- B) Electron gun
- C) Deflection yoke
- D) Vertical oscillator

20) Match the items in column A about types of printer with its respective operation technology in column B.

Column A:Types of printer	Column B: Operation technology
I. Laser II. Dot matrix III. Ink injection	W. Electrostatic copy X. Electrography Y. Impact

What is the correct match between the previous columns?

- A) I Y - II W - III X
- B) I X - II W - III Y
- C) I Y - II X - III W
- D) I W - II Y - III X

21) Which internal component of an impact printer can produce paper copies of electronic files?

- A) Diffuser
- B) Injector
- C) Head
- D) Drum

22) Read the list of internal components of a scanner.

I. Engine
II. Wire
III. Belts
IV. Flex

According to the previous list, which number identifies the scanner component to allow movement of the head of linear?

- A) I
- B) II
- C) III
- D) IV

23) Read the list of the internal components of a scanner.

- | |
|--------------|
| I. Reflector |
| II. Lamp |
| III. Mirror |
| IV. Fuse |

According to the previous list, which number identifies the internal component that allows the scanner to deflect on scanned image?

- A) I
- B) II
- C) III
- D) IV

24) Read the information.

It is responsible for determining the needs of the market so that the company can develop products or services that satisfy consumers.
--

What functional area does the previous text refer to?

- A) Production
- B) Marketing
- C) Logistics
- D) Finance

25) Read the information.

- | |
|---|
| I. It directs the performance evaluation processes. |
| II. It identifies the strategies of positioning. |
| III. It prepares laboral contracts. |
| IV. It elaborates market rates. |

According to the previous information, which numbers identify the functional area called Human Resources?

- A) I and III
- B) I and IV
- C) II and III
- D) II and IV

26) Read the text.

It is said that this relationship is in normal form if it is in the form that precedes and there is no transitive dependency between fields no key.

Which form of normalization is described in the previous text?

- A) 1
- B) 2
- C) 3
- D) 4

27) Consider the fragment of code written in pseudocode.

```
class class Begin
integer value_x
public:
  class(integer value_n) Begin
    value_x= value_n
  End
  integer funciton1() Begin
    return(value_x)
  End
End

Var
  class array[10] = {2,4,6,8,10,12,14,16,18,20}
  integer index
Begin
  index = 0
  While (index<=8) Do
    Print (array[index].function1())
    index=index + 2
  End
End
```

According to the previous fragment of pseudocode, which are the correct output values?

- A) 8 12 16 20 2
- B) 2 6 10 14 18
- C) 20 18 10 4 2
- D) 4 8 10 12 20

28) Consider the fragment of code written in pseudocode.

```
class class_A Begin
public:
    double function_1(double valor_x) Begin

        return (valor_x * valor_x)
    End
    double function_2(double valor_x) Begin

        return (function_1(valor_x) / 2)
    End
End

class class_B: public class_A Begin
public:
    double function_1(double valor_x) Begin

        return (valor_x * valor_x * valor_x)
    End
End

Begin
    class_B datas
    Write(datas.function_2(4))
End
```

According to the previous fragment of pseudocode, what is the correct output value?

- A) 4
- B) 8
- C) 12
- D) 16

29) Read the information about security.

It refers to events or attacks that consist of robbery, damage or destruction of equipment such as servers, switches and cables.

What kind of IT security does the previous information refer to?

- A) Physical
- B) Logical
- C) Digital
- D) Data

30) Read the information about Quality Culture.

Thoughts are generated in a groupal atmosphere. People who form a group express their thinking when it is their turn, otherwise they must wait for the next turn. Another way of working is when individuals or groups express their thoughts as they think.

Which tools for continuous improvement does the previous information refer to?

- A) Cause-effect diagram
- B) Flow diagram
- C) Pareto chart
- D) Brainstorming

31) Read the text about server maintenance and upgrade.

It represents a backup where each file is written to fit the backup, if the data to supported never change, each record created will be an identical copy.

Based on the previous text, what type of backed up information is described?

- A) Complete
- B) Incomplete
- C) Differential
- D) Incremental

32) Read the text.

In this configuration each file is divided and its fractions are placed on different disks. This type of deployment only streamlines the process of reading files, but never provides any kind of support.

Based on the previous text, which kind of redundant Array of Inexpensive Disks information duplicated?

- A) 0
- B) 1
- C) 2
- D) 3

33) Read the text about server maintenance and upgrade.

This type of back up only includes the files that have the archive bit.

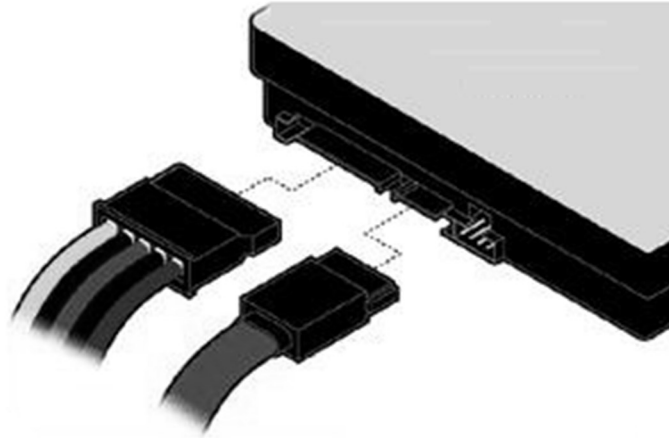
Based on the previous text, what type of backed up information is described?

- A) Full
- B) Incomplete
- C) Differential
- D) Incremental

34) How many wire pairs do the unshielded twisted-pair cable have?

- A) 2
- B) 4
- C) 6
- D) 8

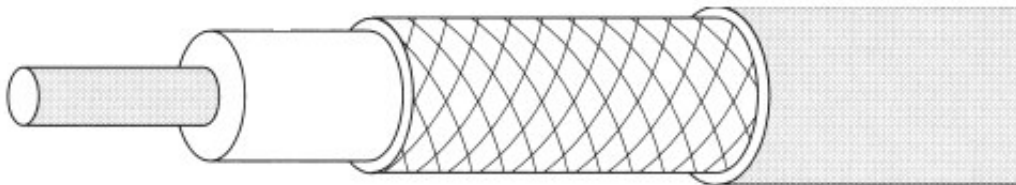
35) Consider the illustration.



Based on the previous illustration, what kind of hard disk is presented?

- A) IDE
- B) ATA
- C) SATA
- D) SCSI

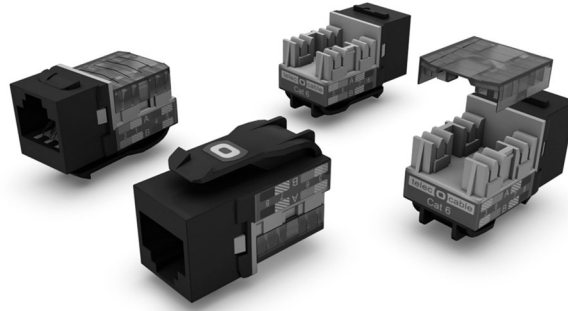
36) Consider the illustration.



Base on the previous illustration above, what is the kind of cable presented?

- A) Coaxial
- B) Telephone
- C) Optical fiber
- D) Twisted pair

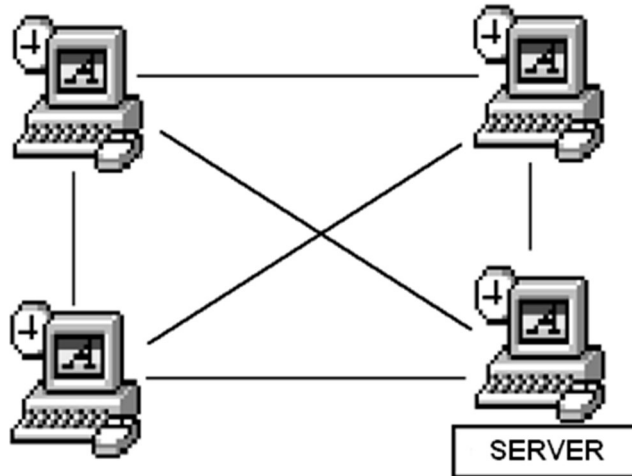
37) Consider the illustration.



Based on the previous illustration, what kind of cable do the connectors utilize?

- A) Coaxial
 - B) Telephone
 - C) Twisted pair
 - D) Optical fiber
- 38) In order to have connection between the work area and the Internet, what is the element of the structured wiring required?
- A) Data communication equipment
 - B) Data terminal equipment
 - C) Demarcation point
 - D) Network point
- 39) What are the termination twisted pairs TIA/EIA standards?
- A) T568A y T568B
 - B) EIA 568A y EIA 569B
 - C) IEEE.802b y IEEE802c
 - D) TIA 801.2b y TIA 804.2c
- 40) The crossover cable allows to connect
- A) two routers.
 - B) one router with a hub.
 - C) one router with a switch.
 - D) one switch with a computer.

41) Consider the illustration.



What physical topology is presented in the illustration above? The _____ topology.

- A) star
- B) ring
- C) mesh
- D) hybrid

42) Read the information.

This topology has all its nodes connected directly to a common wire causing direct communication. The breaking of this wire causes hosts to disconnect.

What type of topology is referred to in the information above? The _____ topology.

- A) reticular
- B) ring
- C) star
- D) bus

43) Consider the following address list.

I.	125.33.23.56
II.	129.68.1.45
III.	128.44.0.23
IV.	126.0.0.0

According to the previous list, which numbers identify class A addresses?

- A) I and IV
- B) II and III
- C) II and IV
- D) I and III

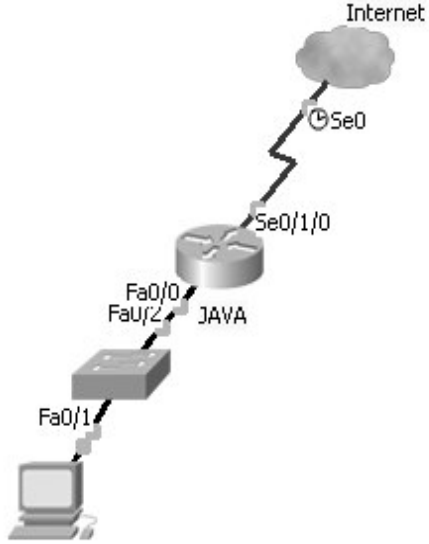
44) Consider the information generated by the command debug ip nat of a router.

```
LISBON#
%SYS-5-CONFIG_I: Configured from console by console
NAT: s=192.168.1.10->200.168.1.1, d=200.168.1.2 [6]
NAT: s=192.168.1.10->200.168.1.1, d=200.168.1.2 [7]
NAT: s=192.168.1.10->200.168.1.1, d=200.168.1.2 [8]
NAT*: s=200.168.1.2, d=200.168.1.1->192.168.1.10 [5]
NAT*: s=200.168.1.2, d=200.168.1.1->192.168.1.10 [6]
NAT*: s=200.168.1.2, d=200.168.1.1->192.168.1.10 [7]
NAT: expiring 200.168.1.1 (192.168.1.10) icmp 1 (1)
NAT: expiring 200.168.1.1 (192.168.1.10) icmp 2 (2)
<Result is omitted>
```

According to the previous information, what is the meaning of the asterisk?

- A) It shows that external address translations are performed by the overloaded PAT.
- B) It shows the amount of ICMP translated to the only outside global address.
- C) It indicates that the translation is being done in the fast switching path.
- D) It suggests that the translation is performed by NAT overload.

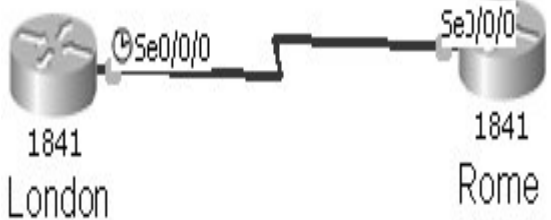
45) Consider the information presented in the illustration.

 <p>The diagram illustrates a network topology. At the bottom left, a PC is connected to a switch via interface Fa0/1. The switch is connected to a router named 'JAVA' via interface Fa0/2. The router 'JAVA' is connected to the Internet via its Serial0/1/0 interface. The Internet is represented by a cloud icon.</p>	<pre><Result is omitted> hostname Java interface FastEthernet0/0 ip address 192.168.0.1 255.255.0.0 <Result is omitted> interface Serial0/1/0 ip address 221.221.221.1 255.255.255.0 ip nat outside <Result is omitted> ip nat inside source list 1 interface Serial0/1/0 overload ip classless access-list 1 permit 192.168.0.0 0.0.255.255 <Result is omitted></pre>
--	---

According to the information above, what is a valid network address to obtain access to the Internet?

- A) 192.168.0.1/18
- B) 192.168.0.2/21
- C) 192.168.0.5/16
- D) 192.168.0.6/12

46) Consider the information.

 <p>London 1841</p> <p>Rome 1841</p>	<pre>London#show interfaces s0/0/0 Serial0/0/0 is up, line protocol is down (disabled) Hardware is HD64570 Internet address is 192.168.2.1/24 MTU 1500 bytes, BW 1544 Kbit, DLY 20000 usec, reliability 255/255, txload 1/255, rxload 1/255 Encapsulation PPP, loopback not set, keepalive set (10 sec) LCP Closed <Result is omitted></pre>
---	--

According to the previous information, why can't the London router communicate with the Rome router? Because _____.

- A) the line protocol is off
- B) a failure in negotiation with the PPP
- C) the serial interface 0/0/0 is misconfigured
- D) the encapsulation must be configured as a DLCI

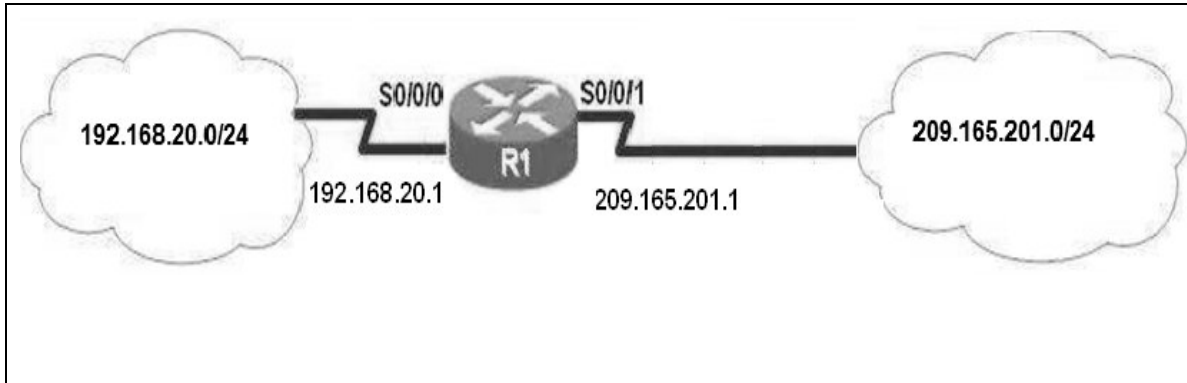
47) Read the command list.

- | |
|-----------------|
| I. Enable |
| II. Clock rate |
| III. Shutdown |
| IV. No shutdown |

According to the previous list, which number identifies the command that permits to activate the router interface?

- A) I
- B) II
- C) III
- D) IV

48) Consider the information presented in the illustration.



<Result is omitted>

NAT*: s=192.168.20.254->209.165.202.131, d=209.165.201.14 [3]

NAT*: s=209.165.201.30, d=209.165.202.129->192.168.30.10 [8]

NAT*: s=209.165.201.30, d=209.165.202.129->192.168.30.10 [9]

NAT*: s=209.165.201.30, d=209.165.202.129->192.168.10.10 [10]

<Result is omitted>

According to the previous information, what was the configuration command applied on the router called R1?

- A) ip nat inside source static 192.168.20.254 209.165.202.131
- B) ip nat inside source static 209.165.202.131 192.168.20.254
- C) ip nat inside source static 192.168.20.1 209.165.202.1
- D) ip nat inside source static 209.165.202.1 192.168.20.1

49) What is the maximum number of hops that enables routing protocol called RIP?

- A) 5
- B) 10
- C) 15
- D) 25

50) Read the command list used for the protocol routing configuration.

```
Router(config-router)#version 2
Router(config-router)#network 200.200.200.0
Router(config-router)#network 168.168.1.0
```

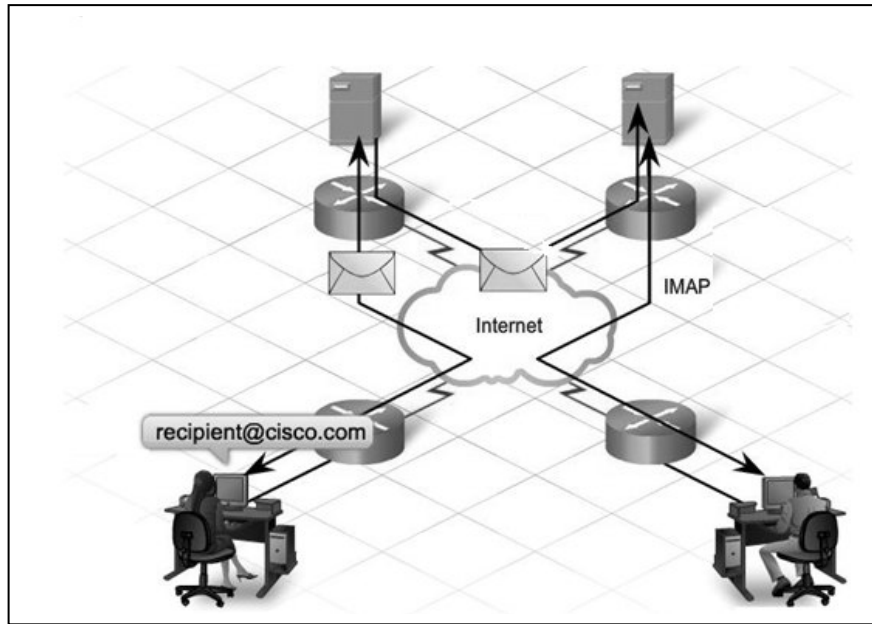
The previous list is used for the configuration of routing protocol called

- A) RIP
- B) UDP
- C) SMTP
- D) HTTPS

51) What is the protocol used to recover email messages from a remote server?

- A) NFS
- B) TCP
- C) POP3
- D) SNMP

52) Consider the illustration.



Which protocol is referred to in the illustration above?

- A) DNS
- B) FTP
- C) HTTP
- D) SMTP

53) Read the information.

- I. It runs some monoprocesos user issuing kernel call.
- II. It avoids collisions processes invoking calls to dynamic libraries.
- III. It has a number of processes running in memory independently simulating terminal inputs.
- IV. It can redirect the input and the output of any command performed on files instead of using the standard input and output.

According to the previous information, which numbers identify the Linux operating system?

- A) I and IV
- B) I and II
- C) II and III
- D) II and IV

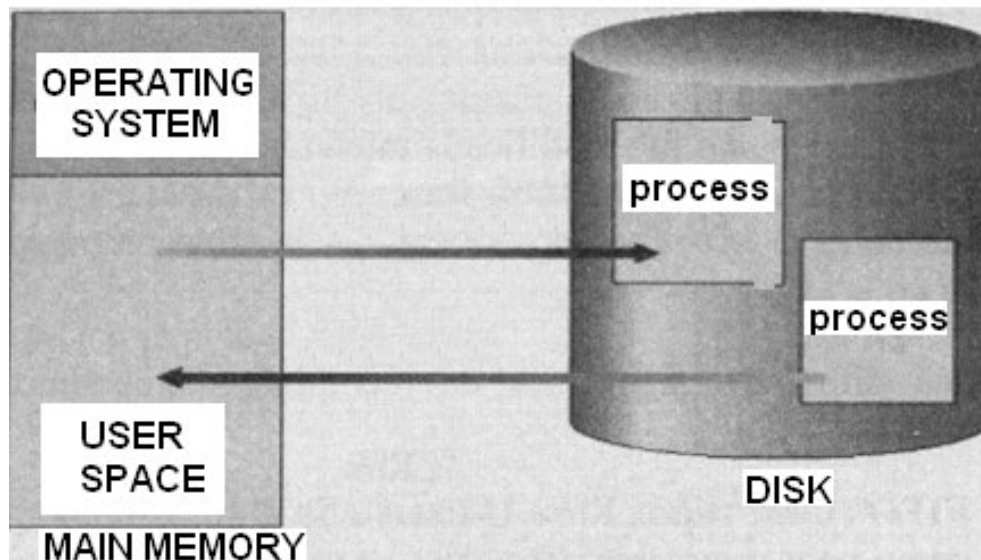
54) Read the information.

- I. It is divided into layers written in the programming language C. Two of them are the HAL and kernel.
- II. It establishes the communications between processes, it is established via software interrupts.
- III. It has a program counter that indicates which instruction is executed next.
- IV. It creates the processes through of calls to Win32.

According to the previous information, which numbers identify the Unix operating system?

- A) I and III
- B) II and III
- C) II and IV
- D) I and IV

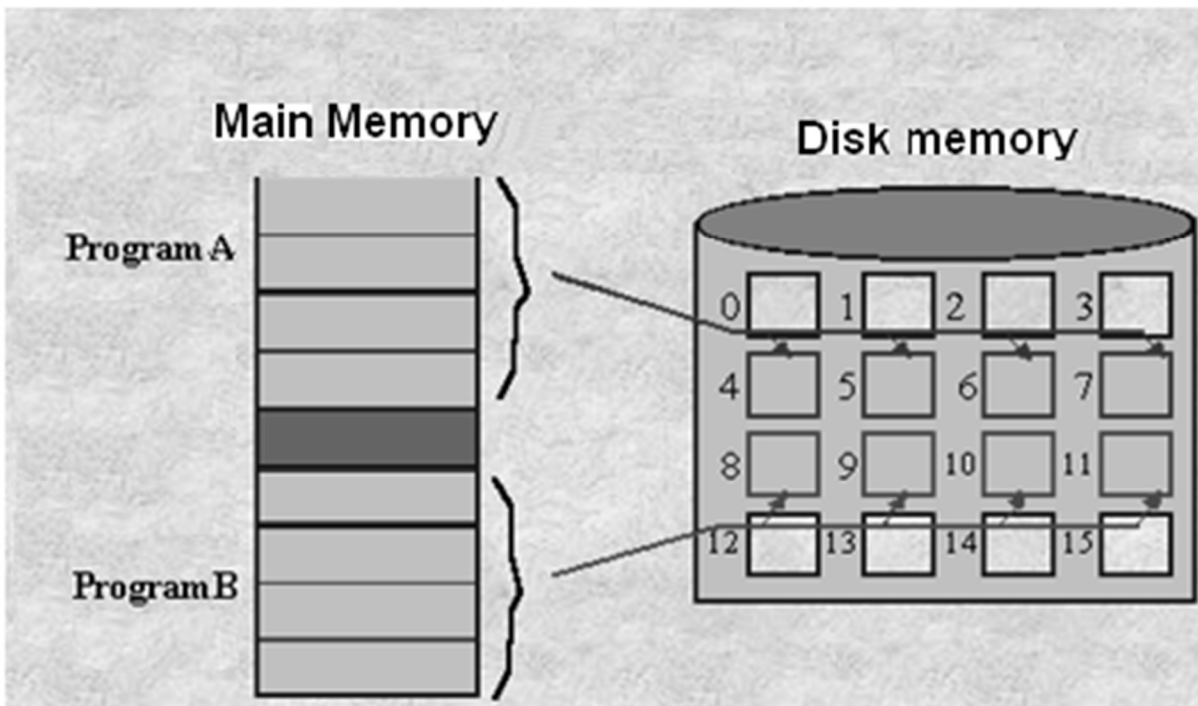
55) Consider the information presented in the illustration.



What kind of memory is referred to in the illustration above?

- A) Volatile
- B) Mobile
- C) Virtual
- D) Fixed

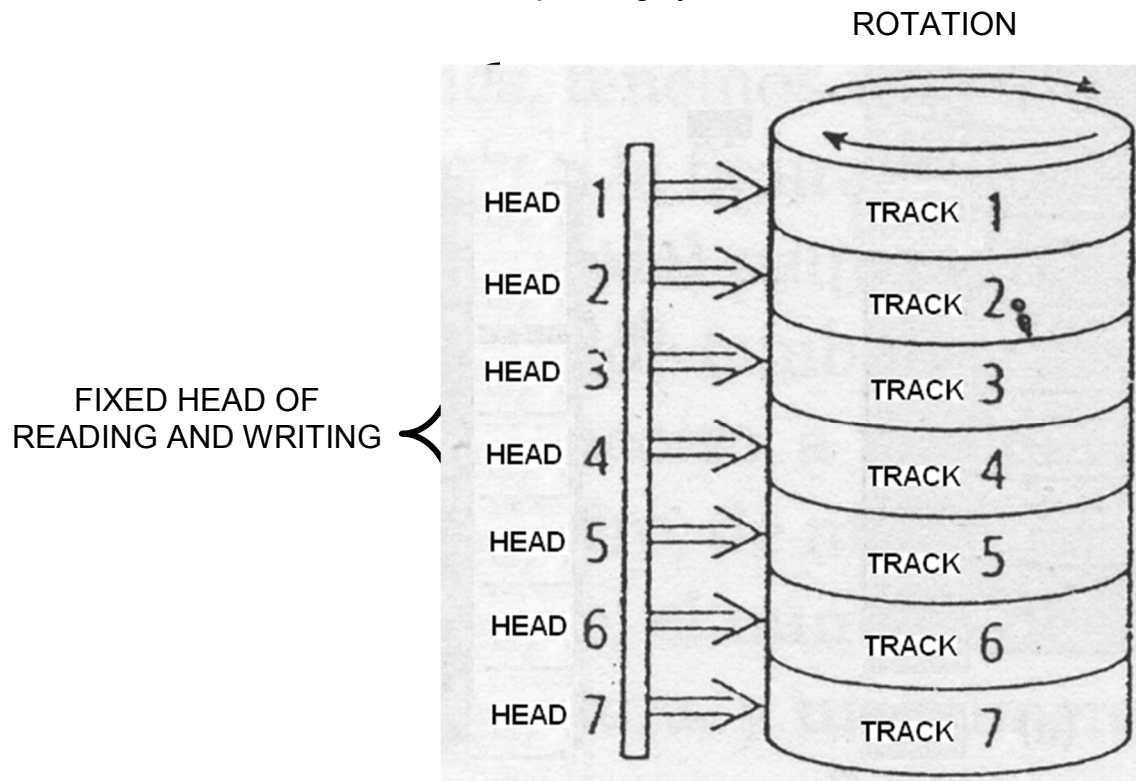
- 56) There are three processes called P1, P2 and P3 with execution times of 85, 45 and 118 ms respectively. If the algorithm Short Job First is executing, in what order are those processes executed?
- A) P1, P2 and P3
 - B) P2, P1 and P3
 - C) P3, P2 and P1
 - D) P3, P1 and P2
- 57) Consider the illustration about operating system.



Which concept is referred to in the previous illustration?

- A) Assignment of memory in pages
- B) Pagination on demand
- C) Assignment of memory
- D) Pages replacement

58) Consider the illustration about the operating system.



What kind of storage device is presented in the previous illustration?

- A) Fixed head DADS
- B) Mobile head DADS
- C) Required access time
- D) Optical storage in disk

Read the text.

Tech Support Scams

Tech support scams set up fake websites and offer free “security” scans. Then, they try to sell you software to fix the problem. At worst, it could be malware software designed to give criminals access to your computer and your personal information. Sometimes, they target legitimate computer files and claim that they are viruses. Keep these tips in mind when dealing with scammers:

- Do not give control of your computer to a third party who calls you out of the blue.
- If a caller pressures you to buy a computer security product, hang up. If you are concerned about your computer, call your security software company directly and ask for help.
- Never give your password on the phone. No legitimate organization calls you and asks for your password.
- Do not rely on caller ID alone to authenticate a caller. Criminals spoof caller ID numbers. They may appear to be calling from a legitimate company or a local number, when they are not even in the same country as you.
- Online search results are not the best way to find technical support or get a company’s contact information.

Adapted from: <https://www.onguardonline.gov/articles/0346-tech-support-scams#How>

According to the previous text, select the answer that best completes the information requested below. (Items 59 and 60)

59) A common practice of scammers is to _____.

- A) use websites of recognized security software
- B) try to obtain users’ computers access
- C) fix users’ minor computer problems
- D) protect the computer from malware

60) What should users do in order to avoid telephone scammers? Computer users need to _____.

- A) give their personal passwords
- B) check the incoming call number
- C) look for online technical support assistance
- D) contact with their security software company

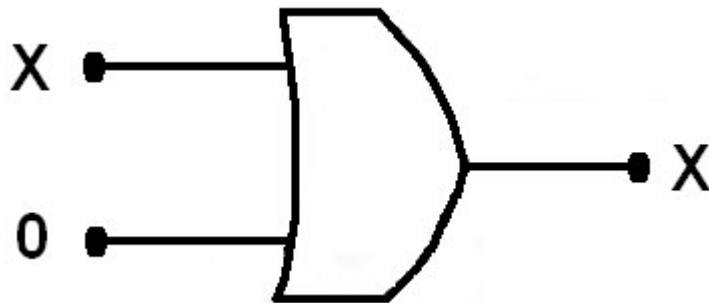
61) A continuación se presenta una **tabla de verdad**:

P	$P \Rightarrow (P \vee P)$
V	
V	
F	
F	

La tabla anterior es un ejemplo de

- A) negación.
- B) tautología.
- C) afirmación.
- D) equivalencia material.

62) Considere la siguiente ilustración:



¿A cuál teorema de Álgebra de Boole hace referencia la ilustración anterior?

- A) $X + 0$
- B) $X \cdot 1$
- C) $X \cdot X'$
- D) $(X + 0)'$

63) Considere la información que se presenta en el siguiente mapa de Karnaugh:

	CD			
AB	1	1	0	0
	1	1	0	0
	0	0	1	1
	0	0	1	1

El resultado de la simplificación utilizando el mapa anterior corresponde a

- A) $(AB)' + CA$
- B) $(AC)' + AC$
- C) $A'D + AD'$
- D) $BD + CB'$

64) Considere el siguiente fragmento de programa escrito en pseudocódigo:

```
Numero ← 8
Desde divisor ← 1 Hasta (Numero - 1) Hacer
  Cociente ← Numero div divisor
  Producto ← Cociente * divisor
  Si Producto = Numero
    Entonces Escribir(divisor)
  Fin_si
Fin_desde
```

¿Cuáles son los valores de salida correctos, según el fragmento de programa anterior?

- A) 1 2 4
- B) 1 5 2
- C) 1 4 1
- D) 1 4 8

65) Considere el siguiente fragmento de programa escrito en pseudocódigo:

```
var
    Entero indice, valor_1, valor_2
Inicio
    indice ← 1
    valor_1 ← 2
    Mientras (indice <= 2) Hacer
        cola[indice]=obtenerNumero(valor_1, indice)
        Escribir(cola[indice])
        indice ← indice + 1
    Fin_mientras
Fin

Funcion Entera obtenerNumero( E/S Entero valor, contador)
    valor ← valor * (valor + contador)
    devolver( valor)
Fin_funcion
```

¿Cuáles son los valores de salida correctos, según el fragmento de programa anterior?

- A) 48, 48
- B) 6, 48
- C) 6, 6
- D) 2, 6

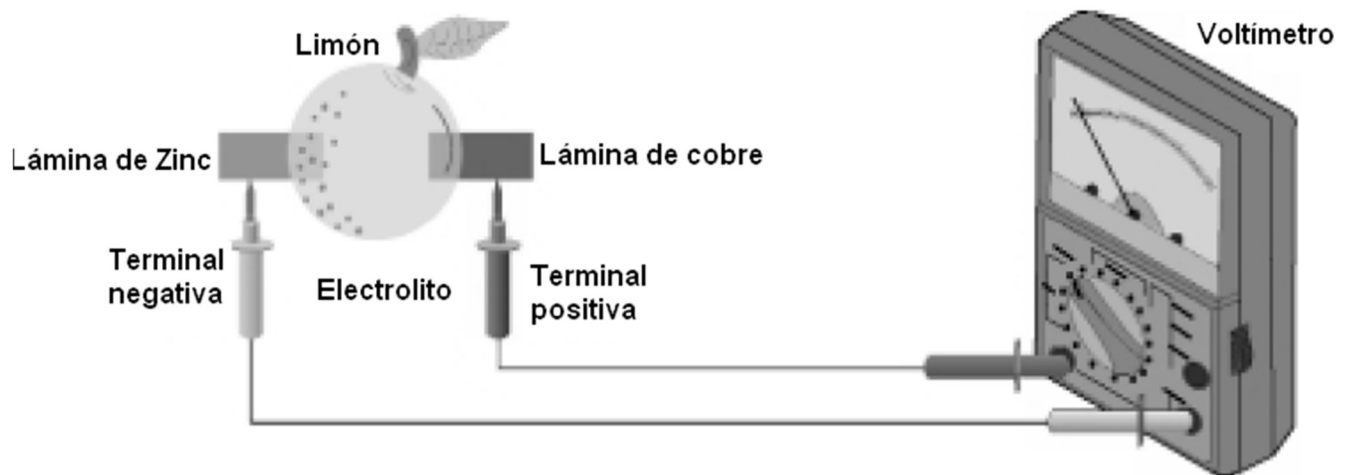
66) Lea la siguiente lista de actividades:

- | |
|--------------|
| I. Inducción |
| II. Fricción |
| III. Trabajo |
| IV. Carga |

De acuerdo con la lista anterior, ¿cuáles números identifican formas para obtener energía eléctrica?

- A) I y II
- B) I y III
- C) II y III
- D) II y IV

67) Observe la siguiente ilustración:



¿A cuál forma de producir electricidad hace referencia la ilustración anterior?

- A) Por reacción química
- B) Por fricción
- C) Por presión
- D) Por luz

68) Lea la siguiente lista de componentes:

- | |
|------------------|
| I. Diodo |
| II. Fusible |
| III. Interruptor |
| IV. Transistor |

De acuerdo con la lista anterior, ¿cuáles números identifican semiconductores?

- A) I y IV
- B) I y III
- C) II y III
- D) II y IV

- 69) ¿Cuál protector de circuitos permite el paso de la corriente mientras esta **no** supere un valor establecido y **no** puede volver a utilizarse?
- A) Fusible
 - B) Trifásico
 - C) Interruptor
 - D) Conmutador

- 70) ¿Cuál es el valor de una resistencia (ohmios) conectada a un circuito eléctrico cuyo consumo es de 10 amperios y la fuente de 90 voltios?
- A) 7
 - B) 9
 - C) 15
 - D) 21

- 71) Lea la siguiente información:

Componente de protección que permite direccionar la corriente producto de un sobre voltaje por corrientes inducidas por descargas atmosféricas hacia la tierra.

¿A cuál protector de circuitos hace referencia la información anterior?

- A) Fusible
- B) Disyuntor
- C) Pararrayo
- D) Descargador

72) Lea la siguiente información:

- I. Se utiliza para conectar dos terminales con el propósito de cerrar un circuito eléctrico.
- II. Admite el paso de información a través del circuito integrado de la tarjeta madre.
- III. Configura circuitos impresos como los de la tarjeta madre.
- IV. Permite conectar un disco duro al de la tarjeta madre.

De acuerdo con la información anterior, ¿cuáles números identifican al jumper?

- A) I y III
- B) I y IV
- C) II y III
- D) II y IV

73) Lea la siguiente información sobre fundamentos de electrónica:

- I. Se comporta como un circuito abierto cuando se le aplica corriente continua.
- II. Tiene la capacidad de almacenar cargas eléctricas y suministrarlas en un momento apropiado durante un espacio de tiempo muy corto.
- III. Representa un circuito en donde convenga que la corriente eléctrica circule solamente en un sentido determinado.
- IV. Posee un comportamiento resistivo dentro de un circuito eléctrico, generalmente de bajo calor, y como tal ocasiona un consumo de potencia y energía.

De acuerdo con la información anterior, ¿cuáles números identifican el funcionamiento del componente electrónico denominado condensador?

- A) I y II
- B) I y IV
- C) II y III
- D) II y IV

74) Lea la siguiente información:

- | |
|---|
| <ol style="list-style-type: none">I. Transforma la corriente alterna de la línea eléctrica comercial en corriente directa.II. Se utiliza como detector de luminosidad en un sistema de circuitos integrados.III. Actúa como carga para un circuito eléctrico.IV. Suministra energía eléctrica a un circuito. |
|---|

De acuerdo con la información anterior, ¿cuáles números identifica a la fuente de poder de un computador?

- A) I y III
- B) I y IV
- C) II y III
- D) II y IV

75) Lea la siguiente información:

- | |
|---|
| <ol style="list-style-type: none">I. Estabiliza la señal de salida a un nivel promedio constante.II. Protege al computador contra las oscilaciones de tensión.III. Opone resistencia al paso de corriente en un circuito.IV. Regula el ruido eléctrico presente en la red eléctrica. |
|---|

De acuerdo con la información anterior, ¿cuáles números identifican funciones del regulador de voltaje?

- A) I y II
- B) I y IV
- C) II y III
- D) II y IV

SOLUCIONARIO

Item	Respuesta	Item	Respuesta	Item	Respuesta	Item	Respuesta
1	B	21	C	41	C	61	B
2	A	22	A	42	D	62	A
3	A	23	C	43	A	63	B
4	D	24	B	44	C	64	A
5	A	25	A	45	C	65	B
6	D	26	A	46	A	66	A
7	B	27	B	47	D	67	A
8	D	28	B	48	A	68	A
9	A	29	A	49	C	69	A
10	D	30	D	50	A	70	B
11	D	31	A	51	C	71	C
12	D	32	A	52	D	72	D
13	D	33	D	53	A	73	A
14	D	34	B	54	B	74	B
15	C	35	C	55	C	75	A
16	D	36	A	56	B		
17	C	37	C	57	B		
18	A	38	C	58	A		
19	B	39	A	59	B		
20	D	40	A	60	D		