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1. which DSL tech r best suited for HDTV,VOD n internet?
   1. Dsl
   2. Sdsl
   3. Idsl
   4. Vdsl
2. ITU-> International Telegraph Union->Telecomunications Standardisation sector
3. E.163 & E,164 r alsoknown as
   1. IP address
   2. MACs
   3. Tel nos
   4. CKT Ids

5.Not an analog modal technique ->FSK,PM,AM,FM

6.eg of CRM includes functionality such as

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b.callcenter+sales force automation

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11.which of the foll r true?

i..the signaling sys in PSTN uses a separate n/w as comp to the n/w used for carrying voice

ii..SS7 uses out of signaling.

iii..In INbond signaling the signaling is on the same channel as the telephone call

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12.Which of the foll is not used to provide line powered voice access?

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b.inside wiring

c.CPE

d.phone

13.the fibre optic architecture whr one fibre is shared among multiple cases is called

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b.PON

c.FTTH

d.FTTP

14.which process desc retrieved of subsc accounting in for billng purpose?

a.rating

b.compiling

c.charging

d.none

15.HSDPA?

a.wireline telephony protocol

b.open std. for digital tv

c.digital radio broadcast std.

d.mobile telephony protocol

16.as a mark strategist,is develop new products n manage existing products using

a.strat & commit

b.resourse dev & mngmt

c.mrkting & offer

d.PLM

17.select the billing system tat doesn fall under interconnect billing sys

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a.phy

b.trans

c.dataline

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19.local monopoly is thwarted using ?

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b.none

c.LPVA

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28.main purpose of intro of DOCSIS?

a.provide high speed data over cable

b.provide value added service

c.incr penetration

d.make installation easier

29.project % mobile in the total no. of new voice connections in 2009(in billion)?

a.99

b.80

c.90

d.50

30.which among the foll proc. r informed when the ‘service problem mangmt’ process realizes outage of a service instance?

a.both problem handling customer QOS/SLA mgmt

b.problem handling

c.resourse perfect mgmt

d.customer QOS?SLA mgmt

31. Which of the following are true for PBX?

a. they are used for routing calls within an organization.

b. they are used for routing calls from outside the organization to the organization

c. they are used for routing calls from inside to outside

32. a signal has frequency of 24KHz. It is sampled at a rate of 4 times the highest frequency. For the signal to be transmitted within a 320KHz channel what is the no. of bits to be used for quantization?

1. 4
2. 6
3. 8
4. 5

33. Which operator in India provides digital exchanges?

a. BSNL

b. Hughes Network

c. None of the above

34. For LPVA where does power come from?

a. CO

b. Telephone

c. PBX

35. Which is used for preventing fraud?

a. Product Assurance

b. Revenue Assurance

c. Network Assurance

36. What is FCC?

a. Regulatory Body

b. Certification Body

c. Telecom Associations

d. Standards Organization

37. What does eTOM do?

a. Categorize individual processes and intermediate flows

b. Categorize individual processes

c. Categorize distinct and individual products

38. Which account in cognizant takes care of Managed Communication Services platform?

a. Covad

b. At&T

c. EDS

39. AT&T and SBC merged and was called what?

40. Which is not a RBOC?

a. Bell Core

b. BellSouth

c. Ameritech

d. Bell Atlantic

41. many questions on oss processes..

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c.resourse perfect mgmt

d.customer QOS?SLA mgmt

1.STB is ?

2.Which organization gives an environment to work collaboratively?

3.Name the mobile company which doesn’t have its own network?

4.Convergence is

a)all communications b)voice and data only.

c)Broadband and tv

5.Orange solutions account consists of which companies?

6.covad does not provide this service

a)wireline b)value added.

c)enterprise d)broadband

7.cognizant tco,navallur,siruseri LAN are connected by?

8.the switch that sits in the customer premises is

a)co switch b)pbx

c)centrex d)soft switch

9.cognizant provided code review for which company?

10.LPVA need broadband connection state.

a)true b)false

c)partially true

11.wimax technology provides

12.\_\_\_\_\_\_\_\_\_\_\_ can be intiated by either the home network or the receiving network

a)soa b)lsoa c)soa and lsoa d)none of these.

All the questions are radio button only no checkbox.

Read carefully.

* Year of telephone invention
* 1980 Anti trust case against AT&T results
* Features of Telecommunications Act of 1996
* Telecom regulatory body of US called as \_\_\_\_
* Deregulation means \_\_\_\_
* Which among is not an analog modulation Am,Fm,Pm,Psk
* Channel switching
* Features of FDMA,TDMA,CDMA
* PBX,CO,Centrex
* Common channel signaling
* Disadvantages of DSL
* Properties of LAN,MAN,WAN
* Secure and Trusted VPN
* Descriptions on types of satellites
* Properties of OSI layers
* H.264 Codec for high compression
* IPTV

1. e-Tom framework is based on which technology

a. .NET b. J2EE c. Mainframes d. None

2. Piconet in parking mode supports max of devices

a. 128 b. 255 c. 256 d. 64

3. Which of the following are results of 1980 Anticase

a. RBOC’s Local phone

b. RBOC’s should manufacture telephone equipment

c. AT &T should take care of long distance calls

d. AT & T should manufacture telephone equipment

4. US Regulatory body is

a. FCC

5. FCC & TRAI belong to which of the following categories

a. Regulatory bodies

b. Certification bodies

6. Maximum no of days to get the LNP number defined by FCC as

a. no rules defined

b. 5 days (actually it is 5 days but not sure whether it is defined by FCC)

c. 14 days

d. depends on service providers

7. X.25 uses

a. simplex b. full duplex c. half duplex d. none

8. bit rate of PCM is

a. 64kbps

9. Traditional cable systems provide

a. BroadCast TV

b. Uni cast TV

10. Cable TV transmission uses which modulation technique

a. FDM b. TDM c.

11. Multimode Fiber transmission is used for long distances : False

12. Which of the following are true for PBX

a. between people within organization

b. From users with in organization to people outside

c. From callers outside the location to on-site

d. require an operator to route calls

13. In contrast to PBX, the switching equipment will be located in telecom company’s central office

a. Centrex b. CO

14. ADSL frequency range is

a. 30 KHz – 1.1 MHZ b. 500 khz-1MZ

15. VOD and Internet can be provided using which DSL

a. VDSL b. ADSL

16. For which of the following DSL technology , we can use Fiber from 0.75 feet

a. VDSL b. ADSL

17. How many DS0 channels are multiplexed to get DS1 channel

a. 24 b. 12 c. 48 d. 36

18. Which has to be implemented by LAN

a. Ethernet & Token Ring b. RS 232

19. network of geographically dispersed LAN’s is

a. WAN b. Internet

20. Offices in CTS TCO, CSI , Navlur are connected by

a. LAN b. MAN c. WAN d. none

LAN’s are typically owned by single organization - TRUE

21. Functionality of Session Layer is

a. Streaming audio and Video

22. Which of the following are true reg HTTP

a. delivers data in WWW

b. is a client-server protocol

c. is stateless request-response protocol

d. belongs to a presentation layer

23. which of the following are true

a. IP TV is the transmission of digital TV over Internet Protocol

b. IP TV uses Internet

c. uses RTSP for VOD

d. has two way communication for Interactive Television

24. Which of the following are not the functionality of gatekeeper

a. translation of protocols

b. call routing

c. bandwidth management

d. billing

25. Which of the following are required for Video conference

a. dedicated link

b. low jitter

c. none of the above

26. play trick uses which of the following protocol

a. RTSP

b. SRTP

c. TRSP

27. Full form of IMS is

a. IP Multimedia Subsystem

b. IP Multimedia Services

28. e-TOM is a form of

a. individual and distinctive processes which have an interlink

b. only distinctive processes

c. only individual process without any link

d. none

29. order management is

a. Inventory management b. Product management c.

30. Billing is invoked after what process in CRM

a. Resource Activation

b. Service configuration and Activation

31. Horizontal groupings denote

a. functional processes b. enterprise processes

32. Resolving customers problems comes under

a. Problem handling of CRM

33. Service Problem and Resource Problem management.

34. Money Map from cVidya comes under

a. Revenue Assurance b. Network Assurance

35. Formatting invoice comes under

a. create and delivery bill

36. CDR doesn’t include

a. call time

b. duration of time

c. volume of sticks

d. terminating number

37. Which of the following decouples network to billing systems

a. Mediation gateway

38. bill format with banner ads included is called

a. rendering

b. comiling

39. collecting of information on products to take decisions in future is

a. information management

b. product management

40. process manage all settlement and billing for the enterprise , including bill validation, verification, authorizing of payment is

a. S/P settlements and billing management

41. NEMS collected information is not required by

42. ANDREW communication belongs to

a. Software vendor b. equipment provider c. wire line d. wireless

43. Telephone company that provides connections between local exchanges in different geographic areas is

a. IXC b. ILEC

44 . That provides access to a hosting service is

a. ISP b. IAS b. both d. none

45. Telecom regulatory bodies tries to create

a. competitive environment

46. Inherent benefit of deregulation is

a. we have wide range of services

47. Mostly used 802.11 standard is

a. 802.11 b and 802.11g

48. 802.11 based protocols are

a. RTP/RTCP

49. IVR technologies use

a. SALT and VoiceXML

50. Call screening is also called as

a. call blocking b. selective call rejection

51. The number of employees in Telecom wire line industry are more and decreasing now.

52. Protocols for VOD is

53. Which one of the following is competitor for ISD - VoIP

54. packet cable and open cable are standards for Cable broadband standards

55. Final destination for E911 call is

a. PSAP b. call center

56. campaigning is a part of which process

a. Marketing fulfillment response

b. Customer Interface management

57. Which of the following will not be impacted when a network outage occurs

a. provisioning b. Network inventory Mgmt c. CRM d Network Elem Mgmt

58. Zero touch provisioning is implemented for

a. ACCA Networks

59. EDS uses which protocol

a. MLPS

60. CTS implemented for EDS are a. MLS b. MRS

61.If there is a problem in network resource what r the processes that are going to effect.

a)service problem handling

b)network problem handling

c)both