

Section 1 - Communication Technologies in Education

1) The task of reviewing standards for listening activity is done at the:

- A) While-listening phase
 - B) None of the above
 - C) Pre-listening phase
 - D) Post-listening phase
-

2) Which of the following is an example of a channel used in the communication process?

- A) E-mail
 - B) Telephone line
 - C) Newspapers
 - D) All of the above
-

3) The Shannon and Weaver model of communication is:

- A) Linear
 - B) Non-Linear
 - C) Modular
 - D) Circular
-

4) Internet telephony is possible today due to:

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

5) Which of the following is not a MOOC?

- A) Coursera
 - B) edX
 - C) MIT
 - D) Udacity
-

6) To ensure only authorized users can access a network, which server would a client/server network includes?

- A) Authentication
 - B) Application
 - C) Communications
 - D) File
-

7) Which of the following technology /educational media requires the simultaneous presence of the learner and the presenter/ instructor?

- A) Asynchronous media
 - B) Web content
 - C) Synchronous media
 - D) CAI
-

8) The first course offered under the brand of MOOC was on:

- A) Artificial Intelligence
 - B) E learning
 - C) Management
 - D) Psychomotor
-

9) _____ is a form of voice-based Internet communication that turns a standard Internet connection into a means to place phone calls.

- A) Voice over Internet Protocol
 - B) A chat room
 - C) Instant Messaging
 - D) Webcasting
-

10) Which of the following is NOT a barrier to effective communication associated with the media?

- A) Information overload
 - B) Space proxemics
 - C) Noise
 - D) Inappropriateness of media and/or channel
-

11) Web 2.0 is otherwise known as:

- A) Semantic Web
 - B) Social Web
 - C) Intelligent Web
 - D) World Wide Web
-

12) Which of the following is not included in the transactional model of communication?

- A) Time
 - B) Noise
 - C) Sender
 - D) Social System
-

13) What is used for communications between branches of one company in Spain and Australia?

- A) The internet
 - B) Wireless network
 - C) The World Wide Web
 - D) Wide Area Network
-

14) Which type of barrier is Self-image?

- A) Psychological
- B) Mechanical
- C) Physical
- D) Linguistic

15) ICT Stands for:

- A) Instruction and Communication Technology
 - B) Information and Communication Technology
 - C) Information and Communicative Technique
 - D) Instruction and Communicative Technique
-

16) The systems developed to automatically translate text-based addresses to numeric IP addresses is called:

- A) DNS
 - B) SDN
 - C) SNL
 - D) DSL
-

17) The primary difference between a LAN and a WAN is:

- A) The number of software programs available
 - B) The number of hardware devices
 - C) The variety of hardware devices
 - D) Distance
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18) Which of these is a limitation of ICT in education??

- A) Creation of interactive and engaging learning environment
 - B) Enforce the learner to think independently
 - C) Shift in the role of teacher
 - D) Availability of infrastructure and resources
-

19) Correspondence course is given under_____

- A) Non Formal
- B) Formal
- C) Residential
- D) Informal

20) The basic principles of ethics in using open resources have been laid down by

- A) MIT
 - B) BERA
 - C) CC
 - D) OER Commons
-

21) Any obstacle or difficulty that comes in the way of communication is:

- A) Barrier
 - B) Receiver
 - C) Elements
 - D) Message
-

22) OER Commons was spearheaded in the year

- A) 2010
 - B) 2007
 - C) 2002
 - D) 2000
-

23) The type of reading that can also be called 'reading for accuracy' is_____

- A) Extensive reading
 - B) Silent reading
 - C) Loud reading
 - D) Intensive reading
-

24) Which of these is NOT a media type?

- A) Magazines
- B) Wall Street Journal
- C) TV
- D) Radio

25) The opportunity to access or deprived access to computer-based technology at home or school leads to:

- A) Digital Divide
 - B) Cultural Divide
 - C) Political Divide
 - D) Social Divide
-

26) When we want to find out whether a certain article is relevant to our own area of study or research, or when we leaf through a book to find out its subject matter we are actually using the technique_____.

- A) Xeroxing
 - B) Skimming
 - C) Reviewing
 - D) Scanning
-

27) In a traditional LAN, each node on the network is connected through:

- A) Microwave
 - B) Cables
 - C) Satellites
 - D) Wireless Transmissions
-

28) Which of the following principle suggests excluding extraneous material?

- A) Coherence principle
 - B) Temporal contiguity principle
 - C) Personalization principle
 - D) Spatial contiguity principle
-

29) Temporal contiguity principle is followed in the following example:

- A) Synchronize the presentation of words and pictures
- B) Separation of a main lesson page and linked windows that pop
- C) Using a graphic legend to show the parts of the graphics
- D) Narration presented before an animation

30) Web pages are transferred via internet by using:

- A) HTML
 - B) HTTP
 - C) VOIP
 - D) SMTP
-

31) 'Communis' means

- A) communicate
 - B) to make common
 - C) miscommunication
 - D) communist
-

32) Which of these is the best description of the 'Contiguity principle'?

- A) Corresponding text and graphics should be placed near each other
 - B) Unrelated images can hinder learning
 - C) Using text by itself is the best tool to increase leaning
 - D) Text and graphics are often in competition with each other
-

33) The problem of 'hacking' on the Internet is most generally associated with

- A) intrusion
 - B) stealing
 - C) destroying data
 - D) writing software in an unprofessional way
-

34) Copyright Protects:

- A) Profits
- B) Inexperience
- C) Original expression ideas
- D) Ideas of others

35) A communications channel that is made up of a single copper core with a ground sheath around it is called a _____

- A) Microwave
 - B) Fibre-optic cable
 - C) Twisted pair channels
 - D) Coaxial cable
-

36) Which of the following statements about copyright is correct?

- A) It applies automatically to the owner of the original work.
 - B) It is effective only if the author has a statement about copyright on his/her work.
 - C) The author must register his/her work to obtain copyright.
 - D) It applies to computer software only.
-

37) The protocol used for the E-mail is called:

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

38) Which the largest photo sharing social network site?

- A) Twitter
 - B) Clixtr
 - C) Pinterest
 - D) Facebook
-

39) A device, connected to a network that requests resources available from other devices is called a

- A) Client
- B) Server
- C) NOS
- D) Host

40) In a client/server environment, most or all of the network operating system resides on the:

- A) Mainframes
 - B) Server Computer
 - C) CD
 - D) Client Mach
-

41) Noise does the following:

- A) Causes listeners to listen to messages more carefully
 - B) Focuses wandering thoughts
 - C) Enhances a message
 - D) Distorts or interferes with a message
-

42) Plagiarism is:

- A) Violating of academic integrity but is not illegal
 - B) Presenting someone else's work as your own
 - C) Subject to CBI investigation
 - D) Usually brings a lawsuit
-

43) Instructional Technology means:

- A) None of the above
 - B) Software application and operating systems
 - C) Tools, equipment's and multimedia to improve teaching-Learning
 - D) A network of technology of device to improve teaching-Learning
-

44) Find the odd one out.

- A) Facebook
- B) Researcher Gate
- C) Spark People
- D) LinkedIn

45) Increase in cognitive load

- A) has positive impact on learning
 - B) has negative impact on learning
 - C) has no impact on learning
 - D) none of the above
-

46) The term Technology of Education means:

- A) None of the above
 - B) System approach
 - C) Application of Software
 - D) Use of Hardware
-

47) Which of the following is not included in the Harold Lasswell's model?

- A) Who
 - B) Whom
 - C) When
 - D) What
-

48) Which of the following is multimedia software?

- A) MS PowerPoint
 - B) Excel
 - C) Microsoft Word
 - D) Adobe Page Maker
-

49) Which of the following is not an example of synchronous media?

- A) Teleconferencing
- B) Multimedia DVD
- C) Instant Messaging
- D) ETV

50) All of the following use Web-based e-mail clients, meaning you can access the e-mail account from any computer, EXCEPT:

- A) Microsoft Word
 - B) Gmail
 - C) Yahoo!
 - D) Hotmail
-

51) On client/server networks, routers

- A) Are necessary only in networks using the star topology
 - B) Transfer data between two networks
 - C) Move data efficiently from node to node on the internal network
 - D) Route data between two collision domains on a single network
-

52) Why is there a need to integrate technology in education?

- A) The knowledge explosion
 - B) The exploding population
 - C) Factors to adopt technology to education
 - D) The changing science and technology of our current society
-

53) When we listen to what the other person is saying and feel his emotions without thinking whether he/ she is right or wrong, it is called:

- A) Critical listening
 - B) Dialogic listening
 - C) Empathetic listening
 - D) Analytical listening
-

54) OERs refers to

- A) Open Educational Resources
 - B) Open Elementary Research
 - C) Open Education Research
 - D) Open Educational Repository
-

55) Which of the following is not a social networking site:

- A) Tumblr
 - B) Pinterest
 - C) Spoken tutorial
 - D) Foursquare
-

56) In group communication a whistling microphone is a _____ barrier.

- A) Noise
 - B) Technical
 - C) Physical
 - D) Psychological
-

57) Which of the following principles suggests including words and graphics?

- A) Modality principle
 - B) Coherence principle
 - C) Redundancy principle
 - D) Multimedia principle
-

58) A modem is typically connected to a computer through a:

- A) Jack
 - B) NIC
 - C) Parallel port
 - D) Serial port
-

59) The following mode of computer aided learning is useful to teach mathematics problems:

- A) Simulation
- B) Drill and Practice
- C) Discovery mode
- D) Tutorial

60) An older type of data communications channel, using multiple copper wires, is called _____ technology.

- A) Microwaves
 - B) Coaxial Cable
 - C) Twisted Pair Cable
 - D) Fiber-Optic Cable
-

61) Which of the following is an advantage of installing a client/server network in a business?

- A) Centralization of files and data
 - B) Decentralization of network security protection
 - C) Decentralization of peripherals
 - D) Centralization of network adapters
-

62) MAN stands for:

- A) Metropolitan area network
 - B) Marked area network
 - C) Metropolitan arranged network
 - D) Manufactured arrangement of network
-

63) Non Formal Education aims to develop learners_____

- A) Potentiality
 - B) Dependence on teachers
 - C) Autonomy and independence
 - D) All the Above
-

64) Spatial contiguity principle is followed in the following example:

- A) Obscuring connection with scrolling text
- B) Image includes related labels
- C) Caption is the bottom of full screens
- D) Feedback on a separate screen form practice question

65) OERs can be used for

- A) Evaluation in education
 - B) Planning in education
 - C) Professional development
 - D) All of the above
-

66) Which one these statements best describe the concept of intranet?

- A) Organization's computer network that uses internet technologies
 - B) Local computer network with an internet connection
 - C) Organization's computer network with no more than 10 computers
 - D) Home network
-

67) The barriers which arise due to technological malfunctions is

- A) Semantic barriers
 - B) Personal barriers
 - C) Technical barriers
 - D) Physical barriers
-

68) Why are client/server networks often installed in businesses instead of peer-to-peer networks?

- A) They are cheaper to install.
 - B) Security is stronger on client/server networks.
 - C) They eliminate the need for dedicated servers.
 - D) They are less scalable than peer-to-peer networks.
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69) Which of the following is necessary in every client/server network?

- A) E-mail Server
- B) Packet screener
- C) Bridge
- D) Transmission Media

70) Increase in cognitive load –

- A) Has positive impact on learning
 - B) None of the above
 - C) Has negative impact on learning
 - D) No impact on learning
-

71) Communication in a straight line is accomplished using _____.

- A) Coaxial cables
 - B) Fiber-optics
 - C) Infrared
 - D) Twisted pairs
-

72) Shannon and Weaver were the first to introduce the concept of

- A) Receiver
 - B) Signal
 - C) Noise
 - D) Message
-

73) Which of the following is NOT a component in the Communication Model?

- A) Receiver
 - B) Messenger
 - C) Sender
 - D) Encoding
-

74) Data is transmitted using light through a(n) _____ cable.

- A) Coaxial
- B) Twisted pair
- C) Fiber-optic
- D) Microwave

75) Which of the following is an example of network?

- A) Several printers connected to a single switch box going to a single terminal
 - B) Computer systems sharing common communication for the medium for the purpose of sharing information or devices
 - C) Several diskettes holding information for one workstation
 - D) A computer attached to a printer and scanner for input and output of information
-

76) ICT

- A) Is a combination of communication technology and information technology.
 - B) Makes use of tools and technologies to manage information.
 - C) Makes use of information to fulfil the need of human being.
 - D) All of the above.
-

77) The standard protocol for the Internet is

- A) IP
 - B) TCP/IP
 - C) TCP
 - D) IP Address
-

78) The earliest known use of social networking site began in

- A) 1994
 - B) 1993
 - C) 2000
 - D) 1998
-

79) One of the major issues in using OERs is

- A) Checking on the copyright
- B) Obtaining permission to use
- C) Validity of the content
- D) We need to pay for it

80) The network configuration that allows every computer to act as both a client and a server is:

- A) Server Network
 - B) Peer-to-Peer Network
 - C) Client/Server Model
 - D) Host System
-

81) Educational Technology in its true sense involves:

- A) Systems Approach
 - B) Software only
 - C) All of the above
 - D) Hardware only
-

82) Cinema is a/an

- A) Print medium
 - B) Audio medium
 - C) Audio Visual medium
 - D) Visual medium
-

83) What does SWAYAM stands for?

- A) Self-Way of Acquisition of YAantrik Minds
 - B) Stand Way of Actual learning for Young Accurate Mind
 - C) Students Way of Acquiring Youths and Mentality
 - D) Study Webs of Active-learning for Young Aspiring Minds
-

84) The MIT Open Courseware aimed to

- A) Make all knowledge open
- B) Record all undergraduate course in MIT and make it freely available
- C) Create a MOOC
- D) Offer courses to its own students

85) Which of these is a limitation of ICT in education?

- A) Availability of infrastructure and resources
 - B) Creation of interactive and engaging learning environment
 - C) Shift in the role of teacher
 - D) Enforce the learner to think independently
-

86) Which statement is FALSE about wireless networks?

- A) Wireless networks are slower than wired LANs.
 - B) Wireless networks are convenient.
 - C) Wireless networks are faster than wired networks.
 - D) Wireless networks use radio transmitters.
-

87) 'Technology has extended the scope of education beyond the traditional time and space paradigm.' Justification of the above statement is exemplified in the form of:

- A) Formal education
 - B) Informal education
 - C) Residential education
 - D) Distance education
-

88) Which of the following is not considered as modern ICT devices?

- A) Digital camera
 - B) PC
 - C) LCD
 - D) TV
-

89) All of the following are ways to communicate on the Internet EXCEPT:

- A) Chatrooms
- B) Hyperlinks
- C) E-mail
- D) Instant Messaging

90) Which of the following is the physical barrier to listening?

- A) All of the above
 - B) Uncomfortable seating arrangement
 - C) Poor acoustics
 - D) Noise
-

91) _____ are personal journal entries posted on the Web.

- A) Diaries
 - B) Newsgroups
 - C) Wikis
 - D) Blogs
-

92) When a reader has to infer time relationships - the year, time of the day and season; Geographical relationships and cause and effect relationships from a particular text, s/he has to operate cognitively at _____ level.

- A) Literal
 - B) Creative
 - C) Interpretive
 - D) Critical
-

93) When we listen to what the other person is saying and feel his emotions without thinking whether he is right or wrong, it is called:

- A) Analytical listening
 - B) Empathetic listening
 - C) Critical listening
 - D) Dialogic listening
-

94) Technology has the limitations in making substantial contribution to:

- A) Value education
 - B) Adult education
 - C) Classroom teaching
 - D) On-line education
-

95) The common pathways on a WAN are known as:

- A) Nodes
 - B) Routers
 - C) The Backbone
 - D) Hubs
-

96) Which are the common barriers that hamper communication?

- A) Barriers made by cultural differences
 - B) Barriers made by distances
 - C) Barriers with words
 - D) Barriers with people
-

97) If a speaking task is complex or difficult, learners will be:

- A) Discouraged quickly
 - B) Motivated to speak
 - C) Silent
 - D) Active soon
-

98) LAN stands for:

- A) Local area nodes
 - B) Local area network
 - C) Linked-area network
 - D) Logical arrangement of networks
-

99) Which of these best describes a computer network where one computer provides resources for others?

- A) Server-user
- B) Server-programme
- C) Client-server
- D) LAN

100) The CIET was set up by merging the Centre of Educational Technology and _____.

- A) Department of National Institute of Education
- B) Department of Computer Education
- C) Department of Teaching Aids
- D) Department of Research and Publication

Answer Keys
Question Paper No: 60869_5

1	C	26	B	51	B	76	D
2	D	27	B	52	A	77	A
3	A	28	A	53	C	78	A
4	B	29	A	54	A	79	C
5	C	30	B	55	C	80	B
6	A	31	B	56	B	81	C
7	C	32	C	57	D	82	C
8	A	33	A	58	D	83	D
9	A	34	C	59	B	84	B
10	A	35	D	60	C	85	A
11	B	36	A	61	A	86	C
12	C	37	A	62	A	87	C
13	D	38	D	63	C	88	D
14	A	39	A	64	B	89	D
15	B	40	B	65	D	90	A
16	A	41	D	66	A	91	D
17	B	42	B	67	C	92	C
18	D	43	C	68	B	93	B
19	A	44	A	69	D	94	A
20	B	45	D	70	B	95	C
21	A	46	C	71	C	96	D
22	B	47	A	72	C	97	A
23	D	48	D	73	D	98	B
24	B	49	B	74	D	99	D
25	A	50	A	75	C	100	C