MDE-518

PG DIPLOMA IN DISTANCE EDUCATION
Educational Communication Technologies

Duration: 90 Minutes   Maximum Marks: 50

Attempt all the MCQs.

All the questions carry equal marks.

1.   A _____ is a set of symbols that create meaning for both the source and the receiver.

A) Channel

B) Noise

C) Means

D) Code

2.   Indicate the incorrect option regarding the given statement: The educational implications of interpersonal communication could be outlined as follows:

A) Personal contact programmes should be organised for distance learners.

B) Instructional materials should be directly addressed to the students.

C) Self-study groups should be formed.

D) More study centres should be established.

3.   What are the four major economic considerations that influence the use of communication technology?

A) 1) Learner Support Services 2) attitude of the policy makers towards communication technology, 3) budget allocation for communication technology, and 4) cost efficiency of the technology

B) 1) financial strength of the society, 2) attitude of the policy makers towards communication technology, 3) budget allocation for communication technology, and 4) cost efficiency of the technology

C) 1) financial strength of the society, 2) Learner Support Services, 3) budget allocation for communication technology, and 4) Self learning material.

D) 1) financial strength of the society, 2) budget allocation for communication technology, 3) attitude of the policy makers towards communication technology, and 4) learner support services

4. Which one of media is NOT part of the Interactive media?

A) Radio-phone in Audio Conferencing

B) Video Conferencing

C) Teletext and Textbooks

D) Internet Media

5. Which one of the following is not associated with instructional design descipline.

A) helps to develops knowledge and skills

B) helps to prepare lesson plan and execute

C) helps for human development

D) helps for career development of learners

ANSWER:D

6. With reference to Collaborative learning, which one of the following statement is not correct?

A) Collaborative learning is a team effort where members rely on each other.

B) Collaborative learning does not help in developing social skills.

C) Collaborative learning helps students to develop critical thinking.

D) Think-Pair-Share is an example of collaborative learning.

7) Costing of online programmes requires us to identify the items under fixed and variable costs. The fixed costs (also called capital cost) of a programme includes the programme development cost such as the payments made to:

A) the subject matter experts

B) administrative staff

C) the heads of different departments

D) the community

8) Costing of online programmes requires us to identify the items under fixed and variable costs. The _____ costs include cost of tutoring, delivery cost of CDs, Identity Cards, to the students.
A) Fixed costs
B) Variable costs
C) Marginal costs
D) Investment costs

9) The major factors NOT affecting management of technological change in an organization include:
A) Availability of champions of technology to take the role of change agents
B) Availability of adequate fund to implement the change
C) Capacity building activities to train the staff to use technology
D) Recruit new staff

10. Which plan should include a situational analysis, strengths and weaknesses of the institution? The plan is also used for monitoring the progress of implementation, and also for evaluation of the implementation in the light of the Technology in Education objectives.
A) Organizational plan
B) Implementational plan
C) Strategic plan
D) Educational Management plan

11. Copyright of a work available online:
A) Does not exist because the Internet is part of public domain.
B) Is same as the copyright of the work, if published in print.
C) Depends on whether a copyright notice is available or not.
D) Last for the life of the author plus 14 years.

12. Fair use/dealing: what it means as per copyright law?

A) The right to copy entire work without taking permission.

B) The right of teachers and students to use copyrighted work without permission.

C) The right to use material available on the Internet

D) The right to use reasonable portion of a work for research, review and criticism.

13. Which statement is False among the following sentences?

A) Assessment provides opportunity of feedback to the learner

B) Evaluation refers to the process of determining the value or worth of an activity.

C) Evaluation of technology helps us to understand utility, cost and appropriateness of technology for specific teaching and learning purpose.

D) Assessment done at the end of the term is called formative assessment.

14. Which statement is False among the following sentences?

A) Online multiple choice quiz can be used as formative assessment only.

B) Discussion forums are good online assessment tool for critical thinking and reflection.

C) ePortfolio provides a powerful system to record student achievement over a period of time.

D) ePortfolio can demonstrate student skills and are effective for vocational courses.

15. In areas with a relatively high population density ……………… broadcasts have been found more useful.

A) Terrestrial broadcasts

B) Sequential broadcasts

C) Synchronous broadcasts

D) Asynchronous broadcasts

16. The concept of …………….. is a people's radio which reflects the hopes aspirations, problems and concerns of a community drawing upon their active

participation. It is non-profit in nature and covers a small geographical area of not more than 15-20 km. radius.

A) All India Radio

B) Community Radio

C) Gyanvani

D) Gyandharsan

17.   What are the elements of a radio programme?

A) Speech, sound effects, music.

B) Speech, sound effects, music and silence.

C) Speech, sound effects, music and song

D) Sound effects and music and effects

18.   Which orbit in space is most suitable for communication satellites?

A) Polar orbit and Sun-synchronous orbit (SSO)

B) Geostationary orbit (GEO)

C) Low Earth orbit (LEO)

D) Medium Earth orbit (MEO)

19.   Which Country launched its first satellite in the year 1970?

A) INDIA

B) CHINA

C) USA

D) CANADA

20)   Which Web tool(s) you will use for i) Collect information on the web and ii) Save weblinks online:

A) Search engines and Bookmarking

B) HTML Editor and Bookmarking

C) Concept Map and HTML Editor

D) Search engines and HTML Editor

21.   Which Web tool(s) you will use for "Discuss and debate ideas":

A) Search engines and Bookmarking

B) HTML Editor and Concept Map

C) Bookmarking and Discussion Forum

D) Email and Discussion Forum

22.   Which of the following is NOT a graphic format:

A) .DOC

B) .GIF

C) .JPEG

D) .PNG

23.   Listserv is a form of:

A) Chat system

B) Mailing list management software

C) Discussion board

D) Email software

24.   The following driving forces of virtual education are:

A) Increased use of ICT in all spheres of human activity

B) Need to capture the higher education market for sustainability and the belief that virtual education can reduce cost structures

C) Faster rate of obsolescence of knowledge

D) Need to start the activities from beginning to incorporate virtual education.

25.   Primary colours are those colours which cannot be obtained on mixing other colours. For light (also known as additive) colours are:

A) Red, Green and Blue

B) Cyan, Magenta and Yellow

C) Orange, Yellow, and Cyan

D) Green, Yellow, Cyan

26.   Which statement is FALSE among the following sentences?
A) Sound is a traveling wave that is a product of oscillation of pressure transmitted through audible range of frequencies
B) If variation in air pressure is between 20Hz and 20 KHz, then sound is audible.
C) The components of audio are: voice over, special effects, music.
D) The components of audio are: voice over, special effects, music and silence.

27.   The Five characteristics of multimedia are:
A) Learner control, Interactivity, Multimedia elements, Hyperlink, LMS
B) Immediate feedback, Provision of small chunks of information, Multimedia elements, Hyperlink, LMS
C) Learner control, Interactivity, Multimedia elements, LMS, Hyperlink
D) Learner control, Interactivity, Multimedia elements, Immediate feedback, Provision of small chunks of information

28.   The defining characteristics of digital games are:
A) competition, challenge, exploration, fantasy, goal, interaction, outcomes, and safety.
B) competition, challenge, exploration, fantasy, goal, interaction, outcomes, people, rules and safety.
C) competition, challenge, goal, interaction, outcomes, people, rules and safety.
D) competition, fantasy, goal, interaction, outcomes, people, rules and safety.

29.   Your definition of learning object should include the characteristics such as:
A) Reusable, digital, adaptable, independent nature of learning resource.
B) Reusable, digital, interoperable, granular, independent nature of leaming resource.
C) Reusable, digital, adaptable, interoperable, granular, independent nature of learning resource.

D) Reversible, digital, adaptable, granular, independent nature of learning resource.

30.   Five basic Dublin Core metadata elements are:
A) Creator, format, language, date and publisher
B) Innovator, format, language, date and publisher
C) Initiator, form language, date and publisher
D) Character, format, language, date and publisher

31.   The five types of Learning Objects are:
A) Concept, Fact, Procedure, Process, Principle
B) Collect, Fact, Procedure, Process, Principle
C) Concept, Fact, Procedure, Perform, Principle
D) Create, Fact, Procedure, Perform, Principle

32.   Which of the following is NOT needed to send an email?
A) Email software
B) Word processing software
C) Internet connection
D) Login to Email Account

33.   Which of the following is NOT a feature of email?
A) Electronic signatures can be attached
B) Files or sound files can be sent as attachments
C) Graphics files can be sent as attachments
D) Guarantee that the recipient will read the message instantly

34.   Which of the following is NOT a sensible thing to do if you want to prevent your computer becoming infected with a virus sent by email?
A) Open all attachments sent to you
B) Only open attachments from people you know and trust

C) Regularly update your anti-virus software

D) Change the email password at regular intervals

35.   RSS stands for _____

A) Really Synchronous Syndicator

B) Really Simple Syndication

C) Real System Syndicator

D) Real Simple System

36.   When you comment to a post, you call that a reply in forum. These replies create a thread.

A) always

B) most of the time

C) seldom

D) never

37.   lt is best that when you react to a teacher topic in a forum, your post should be relevant to it to maximize engagement of your answer with your peer group.

A) True

B) False

C) Sometimes

D) Never

38.   Which of the following does not belong to web 2.0?

A) Static Pages

B) Focuses on Communities

C) Read and Write Web

D) Sharing Content

39.   An exciting new evolution of the World Wide Web (WWW) providing machine-readable and machine-comprehensible information far beyond current capabilities.

A) Dynamic Web

B) Web browser

C) Semantic Web

D) Static Web

40. Read and Write, Web Interaction and collaborative communities are example of?

A) Web 3.0

B) Web 2.0

C) Web 1.0

D) Dynamic web

41. What is the key feature to Web 2.0?

A) Video

B) Information stores

C) Facebook

D) Interactivity

42. Which of the following is a characteristic of Web2.0 applications?

A) Multiple users schedule their time to use Web2.0 applications one by one

B) Web2.0 applications are focused on the ability of people to collaborate and share information

C) Web2.0 applications provide users with content rather than facilitating users to create it

D) Web2.0 applications use only static pages

43. XML stands for

A) Extensible Mask Language

B) Extensible Markup Language

C) Extended Markup Language

D) Extension Markup Language

44. Virtual Reality application requires realistic images.
A) True
B) False
C) Sometime
D) Never

45. An example of non-immersive VR device is
A) An iPad
B) An IMAX
C) A Screen Projection
D) A Virtual Reality Headset

46. Which of the following is NOT a constraint of VR?
A) It can be costly
B) Resistance to new technology from teachers
C) Developing lessons/experiences can be time consuming
D) It can only be used for Science and Geography

47. In order to be defined as a learning object (LO), there must be some intrinsic instructional value. It should result in a complete learning sequence, objective, skill or competency by combining a series of elements including content, media, and interactivity. This LO characteristic is called as _____.
A) Usability
B) Adaptability
C) Reusability
D) Contextual Neutrality

48. _____ ensures the learning object (LO) is tailored perfectly for the individual and situational needs. Easy customization is possible.
A) Usability
B) Adaptability
C) Reusability

D) Contextual Neutrality

49.   Which of the following is one of the characteristics of learning object that has descriptive information allowing it to be easily found by a search by having metadata which facilitates reuse by others?
A) Traceability
B) Adaptability
C) Contextual Neutrality
D) Interoperability

50.   _____ learning objects are discrete and coherent chunks of information, activities or assessment, which are self-contained in that they can contain a complete learning sequence. Each learning object is capable of either standing alone or standing in unison with other learning objects to create any number of courses.
A) Independent
B) Adaptable
C) Contextually Neutral
D) Interoperable