

# National Testing Agency

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## Educational Communication Technologies

<b>Group Number :</b>	1
<b>Group Id :</b>	94091891
<b>Group Maximum Duration :</b>	0
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<b>Show Attended Group? :</b>	No
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<b>Break time :</b>	0
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No

## Educational Communication Technologies-1

<b>Section Id :</b>	940918129
<b>Section Number :</b>	1
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory

<b>Number of Questions :</b>	20
<b>Number of Questions to be attempted :</b>	20
<b>Section Marks :</b>	20
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	940918194
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 9409186108 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

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

1. Channel
2. Noise
3. Means or Medium
4. Code

**Options :**

- 94091823017. 1
- 94091823018. 2
- 94091823019. 3
- 94091823020. 4

**Question Number : 2 Question Id : 9409186109 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

The print medium accounts for wide spread use in education. Keeping this view, which feature is NOT part of print medium?

1. Cheapest medium even today for bulk printings
2. Provides most for cognitive objectives and in some measure for affective and psychomotor objectives
3. Depends on Computer hardware and Software
4. Can be used at any time and place

**Options :**

94091823021. 1

94091823022. 2

94091823023. 3

94091823024. 4

**Question Number : 3 Question Id : 9409186110 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Which one of the following is NOT part of the Interactive media?

1. Radio-phone in Audio Conferencing
2. Video Conferencing
3. Teletext and Textbooks
4. Internet Media

**Options :**

94091823025. 1

94091823026. 2

94091823027. 3

94091823028. 4

**Question Number : 4 Question Id : 9409186111 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

The advantages of computer networks are:

1. Time & money saving, Resource sharing, Improved information management, and Interactive information exchange
2. Resource sharing, Access to global databases, Powerful communication, Improved information management, Interactive information exchange, and Time & money saving
3. Access to global database, Resource sharing, Improved information management, and Interactive information exchange
4. Resource sharing, Access to global database, Powerful communication, and Improved information management

**Options :**

94091823029. 1

94091823030. 2

94091823031. 3

94091823032. 4

**Question Number : 5 Question Id : 9409186112 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

The two basic principles of anchored instruction are:

1. (i) Learning and teaching activities should be designed around an "anchor" which is often a story, adventure. (ii) The situation that includes a problem or issue to be dealt with that is of interest to the students.
2. (i) Learning and teaching activities should be designed around an "anchor" which is often a story, adventure, or situation that includes a problem or issue to be dealt with that is of interest to the students. (ii) Instructional materials should include rich resources that students can explore as they try to decide how to solve a problem (e.g., interactive videodisc programs).
3. (i) Instructional materials should include rich resources that students can explore as they try to decide how to solve a problem (e.g., interactive videodisc programs). (ii) The special situation that includes a problem or issue to be dealt with that is of interest to the students.
4. None of these

**Options :**

94091823033. 1

94091823034. 2

94091823035. 3

94091823036. 4

**Question Number : 6 Question Id : 9409186113 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

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:

1. the subject matter experts
2. the multimedia developers and instructional designers
3. the Managing Technological Change copyright costs of media elements
4. All of these

**Options :**

94091823037. 1

94091823038. 2

94091823039. 3

94091823040. 4

**Question Number : 7 Question Id : 9409186114 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

The major factors affecting management of technological change in an organization includes:

1. A clear understanding for need to change; and Understanding of why to use a particular technology
2. Knowledge of the nature of the organization (Fordist, post Fordist); How the leadership is disposed to technology, and how it promotes the same in the institution
3. None of the options mentioned
4. Both the options mentioned

**Options :**

94091823041. 1

94091823042. 2

94091823043. 3

94091823044. 4

**Question Number : 8 Question Id : 9409186115 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

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.

1. Organizational plan
2. Implementation plan
3. Strategic plan
4. Educational Management plan

**Options :**

94091823045. 1

94091823046. 2

94091823047. 3

94091823048. 4

**Question Number : 9 Question Id : 9409186116 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

If a work is in the public domain, what it means as per copyright law?

1. The work is available online.
2. The work is available in a public library.
3. The work can be copied without permission.
4. The work is copyrighted by the society.

**Options :**

94091823049. 1

94091823050. 2

94091823051. 3

94091823052. 4

**Question Number : 10 Question Id : 9409186117 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Which statement is False

1. Assessment provides opportunity of feedback to the learner
2. Evaluation refers to the process of determining the value or worth of an activity
3. Evaluation of technology helps us to understand utility, cost and appropriateness of technology for specific teaching and learning purpose
4. Assessment done at the end of the term is called formative assessment

**Options :**

94091823053. 1

94091823054. 2

94091823055. 3

94091823056. 4

**Question Number : 11 Question Id : 9409186118 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Which statement is FALSE

1. ePortfolio provides a powerful system to record student achievement over a period of time.
2. ePortfolio can demonstrate student skills and are effective for vocational courses.
3. For assessment to be authentic, it should be done face-to-face.
4. Authentic assessments are highly aligned to measure achievement of objectives.

**Options :**



94091823057. 1

94091823058. 2

94091823059. 3

94091823060. 4

**Question Number : 12 Question Id : 9409186119 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

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.

1. All India Radio
2. Community Radio
3. Gyanvani
4. Gyandharsan

**Options :**

94091823061. 1

94091823062. 2

94091823063. 3

94091823064. 4

**Question Number : 13 Question Id : 9409186120 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

What are the advantages which recorded programmes have over live television broadcasts?

1. Recorded programmes are produced and can be broadcast as per the convenience of the producers and the students respectively.
2. Proper editing and addition of music and sound effects are possible in recorded programmes.
3. Formative evaluation can easily be carried out in recorded programmes.
4. All of these

**Options :**

94091823065. 1

94091823066. 2

94091823067. 3

94091823068. 4

**Question Number : 14 Question Id : 9409186121 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Which Country launched its first satellite in the year 1970?

1. INDIA
2. CHINA
3. USA
4. CANADA

**Options :**

94091823069. 1

94091823070. 2

94091823071. 3

94091823072. 4

**Question Number : 15 Question Id : 9409186122 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

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

1. Search engines and Bookmarking
2. HTML Editor and Bookmarking
3. Concept Map and HTML Editor
4. Search engines and HTML Editor

**Options :**

94091823073. 1

94091823074. 2

94091823075. 3

94091823076. 4

**Question Number : 16 Question Id : 9409186123 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Text for use in online learning can be prepared using:

1. HTML Editor
2. Word Processing software
3. Acrobat Document Write
4. All of these

**Options :**

94091823077. 1

94091823078. 2

94091823079. 3

94091823080. 4

**Question Number : 17 Question Id : 9409186124 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Listserv is a form of:

1. Chat system
2. Mailing list management software
3. Discussion board
4. Email software

**Options :**

94091823081. 1

94091823082. 2

94091823083. 3

94091823084. 4

**Question Number : 18 Question Id : 9409186125 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

The five properties of mobile devices are:

1. social interactivity, context sensitivity, connectivity and Individuality
2. portability, context sensitivity, connectivity and Individuality
3. portability, social interactivity, context sensitivity, connectivity and Individuality
4. portability, social interactivity, context sensitivity, connectivity and responsibility

**Options :**

94091823085. 1

94091823086. 2

94091823087. 3

94091823088. 4

**Question Number : 19 Question Id : 9409186126 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Which statement is FALSE

1. Sound is a traveling wave that is a product of oscillation of pressure transmitted through audible range of frequencies.
2. If variation in air pressure is between 20Hz and 20 KHz, then sound is audible.
3. The components of audio are: voice over, special effects, music.
4. The components of audio are: voice over, special effects, music and silence.

**Options :**

94091823089. 1

94091823090. 2

94091823091. 3

94091823092. 4

**Question Number : 20 Question Id : 9409186127 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

What are the components of a storyboard?

1. textual information, relevant graphics, video, audio, animation, feedback.
2. textual information, GIF file, video, audio, animation, and navigational features for interactivity and feedback.
3. textual information, relevant graphics, video, audio, animation, and navigational features for interactivity and feedback.
4. None of these

**Options :**

94091823093. 1

94091823094. 2

94091823095. 3

94091823096. 4

## Educational Communication Technologies-2

<b>Section Id :</b>	940918130
<b>Section Number :</b>	2
<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	10
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	30
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	940918195
<b>Question Shuffling Allowed :</b>	No

**Question Number : 21 Question Id : 9409186128 Question Type : SUBJECTIVE**

**Correct Marks : 3**

Identify different digital audio formats.

**Question Number : 22 Question Id : 9409186129 Question Type : SUBJECTIVE**

**Correct Marks : 3**

Write a brief note on Wiki.

**Question Number : 23 Question Id : 9409186130 Question Type : SUBJECTIVE**

**Correct Marks : 3**

List the advantages of tele conferencing.

**Question Number : 24 Question Id : 9409186131 Question Type : SUBJECTIVE**

**Correct Marks : 3**

Describe Sharable Content Object Reference Model (SCORM).

**Question Number : 25 Question Id : 9409186132 Question Type : SUBJECTIVE**

**Correct Marks : 3**

List the limitations of web conferencing.

**Question Number : 26 Question Id : 9409186133 Question Type : SUBJECTIVE**

**Correct Marks : 3**

What is simulation? How is it used in distance education?

**Question Number : 27 Question Id : 9409186134 Question Type : SUBJECTIVE**

**Correct Marks : 3**

Write a short note on tools for concept mapping.

**Question Number : 28 Question Id : 9409186135 Question Type : SUBJECTIVE**

**Correct Marks : 3**

Write characteristics of 'Self-Regulating students'.

**Question Number : 29 Question Id : 9409186136 Question Type : SUBJECTIVE**

**Correct Marks : 3**

Write a critical note on social networking.

**Question Number : 30 Question Id : 9409186137 Question Type : SUBJECTIVE**

**Correct Marks : 3**

Write a brief note on open source software.

## **Educational Communication Technologies-3**

<b>Section Id :</b>	940918131
<b>Section Number :</b>	3
<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	7
<b>Number of Questions to be attempted :</b>	5
<b>Section Marks :</b>	50
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	940918196
<b>Question Shuffling Allowed :</b>	No

**Question Number : 31 Question Id : 9409186138 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Discuss Instructional Design for e-learning.

**Question Number : 32 Question Id : 9409186139 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Explain learning cycle in m-learning with diagram.

**Question Number : 33 Question Id : 9409186140 Question Type : SUBJECTIVE**

**Correct Marks : 10**



List out communication tools used for e-learning and explain each tool with examples.

**Question Number : 34 Question Id : 9409186141 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Analyse the strengths and limitations of the various Web 2.0 tools.

**Question Number : 35 Question Id : 9409186142 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Discuss the Indian experiments used in satellite based education.

**Question Number : 36 Question Id : 9409186143 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Describe the processes of scripting for interactive multimedia with suitable examples.

**Question Number : 37 Question Id : 9409186144 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Discuss the historical development of educational television in India.