No. of Printed Pages : 2 | MES-032 |

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

01290

Term-End Examination

December, 2011

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note :   (i)   *All the questions are **compulsory**.*

(ii)   *All the questions carry **equal weightage**.*

1.   Answer the following question in about **600** words.

Discuss the factors which determine the appropriateness of technology.

OR

Explain how a teacher can create a learning environment in the classroom ?

2.   Answer the following question in about **600** words.

Discuss the uses of teleconferencing in teaching learning process carried out through the distance mode.

OR

What are the benefits of developmental testing ? Explain how developmental testing is carried out ?

3. Answer *any four* of the following questions in about *150* words each :

(a) Differentiate between interpersonal and group communication.

(b) Explain the uses of Voice Over Internet Protocol (VOIP) in education.

(c) Explain the potential of media mix in optimising the use of technology ?

(d) Discuss webcasting as an emerging trend in broadcasting.

(e) Discuss the pedagogic strengths and weaknesses of Interactive media.

(f) Discuss the major functions of communication.

4. Answer the following question in about *600* words.

Suppose you have to develop an audio programme for a topic of your choice. State the presentation format you would choose and why you would choose it. Also, explain briefly the steps you would follow to produce the audio programme.

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No. of Printed Pages : 2 | MES-032 |

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

00571

Term-End Examination

June, 2012

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note : *All the questions are* **compulsory.** *All the questions carry equal weightage.*

1. Answer the following question in about *600* words.

    Discuss the barriers to technology integration in teaching and learning.

OR

    Explain how reading skills can be improved among learners.

2. Answer the following question in about *600* words.

    Discuss the uses of technology for self learning. Give suitable examples in support of your answer.

OR

    Discuss the operational factors that affect learning through interactive media.

3. Answer *any four* of the following questions in about *150* words each :

   (a) Differentiate between intrapersonal and interpersonal communication.

   (b) Briefly explain any two types of external noises which affect recording in studios.

   (c) Discuss the advantages and disadvantages of teleconferencing.

   (d) Explain briefly affordability as a criterion to determine technology.

   (e) Discuss the role of participatory approach in creating a learning environment in the classroom.

   (f) Explain streaming audio technology.

4. Answer the following question in about *600* words.

   Discuss the barriers to classroom communication. Also, suggest the measures to overcome these barriers.

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No. of Printed Pages : 2　　　　　　　　　　| MES-032 |

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination

December, 2012

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours　　　　　　*Maximum Weightage : 70%*

Note : (i) All the questions are **compulsory.**

(ii) All the questions carry **equal weightage**.

1. Answer the following question in about *600* words.

   Why should a student of Education study the concept and process of communication? Discuss.

   OR

   What do you mean by access devices? Discuss educational implications of different types of access devices used in self-learning materials.

2. Answer the following question in about **600** words.

   Describe major sub-systems of any radio broad casting system.

   OR

Define the basic concept of appropriate technology. Explain the criteria that decide appropriateness of technology for teaching - learning purpose.

3. Answer *any four* of the following questions in about **150** words each.

   (a) Discuss the role of interactivity in the teaching-learning process.

   (b) What do you mean by authoring software ? List some of the authoring software.

   (c) What do you mean by desktop publishing ? List some of the desktop publishing softwares.

   (d) Discuss educational implications of congnitive theory of learning.

   (e) Discuss S Q3R system of reading.

   (f) Describe important presentational formats of audio programmes.

4. Answer the following question in about **600** words.

   select a topic / lesson of your choice and state three objectives in terms of learning outcomes. Select technologies for computer mediated communication for teaching the topic you have chosen. Give reasons for your choice of technologies.

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No. of Printed Pages : **2** | **MES-032**

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

00498

Term-End Examination

June, 2013

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note :   *(i)*   *All questions are **compulsory**.*

      (ii)   *All questions carry **equal** weightage.*

1. Answer the following question in about **600** words :

   Discuss the use of different technologies for designing learning materials.

   OR

   "We should design our material in such a way that it not only facilitates learning but also increases and maintains interest and motivation of learners". Discuss the statement in the context of printed learning materials.

2. Answer the following question in about **600** words :

   Discuss advantages and disadvantages of the following means of distribution of television signals to home :

    (a)   Terrestrial transmission

    (b)   Satellite distribution

OR

Discuss strengths and limitations of technology as a surrogate teacher.

3.   Answer **any four** of the following questions in about **150** words each :

    (a)   How can technology improve classroom communication ? Discuss.

    (b)   Discuss educational implications of stimulus response theory of learning.

    (c)   Discuss study skill strategies to ensure effective learning.

    (d)   How will you insulate the studio from external noise ? Discuss acoustic design of a studio.

    (e)   Write short note on 'miniaturisation' of technology.

    (f)   How will you select technology based on pedagogical criteria ?

4.   Answer the following question in about **600** words :

Suppose you are asked to design a teleconferencing session of 60 minutes duration on a topic of your choice. Analyse content and state three objectives for organising the session. Describe as to how you will conduct the session to achieve your learning objectives effectively.

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MES-032

01413

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination

December, 2013

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note :   (i)   All questions are **compulsory.**

       (ii)   All questions carry **equal** weightage.

1. Answer the following question in about **600** words :

   Explain the differences in the communication processes between classroom and distance teaching.

   OR

   Explain the 'behaviouristic' learning theories.

2. Answer the following question in about **600** words :

   Explain how you can create learning environment ?

   OR

   What do you understand by 'desk-top publishing' ? Describe the steps in 'desk-top publishing'.

3. Write short notes on **any four** of following in about **150** words each :

   (a) Video media in educational communication

   (b) Lifelong learning

   (c) Self Instructional Print Material

   (d) Classroom teaching technologies

   (e) Interactive multimedia

   (f) Technology integration

4. Answer the following question in about **600** words :

   Discuss the steps you will take for effective teaching using teleconferencing.

No. of Printed Pages : **2**

01872

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination

June, 2014

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours　　　　　*Maximum Weightage : 70%*

Note : (i) All questions are **compulsory**.

(ii) All questions carry **equal** weightage.

1. Answer the following question in about **600** words.

   Mention the technologies commonly used for classroom teaching and discuss the use of any two in detail.

   OR

   Discuss the role of 'lifelong training' in education and mention how can on - line training be used for lifelong - training of teachers.

2. Answer the following question in about **600** words.

   Draw and explain the various major aspects of Communication with the help of Shannon and Weaver Model of Communication.

   OR

Write an essay on the origin and development of print medium and explain its relevance in distance education.

3. Write notes on **any four** of the following in about **150** words each.

   (a) Barriers to technology integration in education

   (b) Computer mediated communication

   (c) Telematics in training

   (d) Training for communication through electronic media

   (e) Audio media in educational communication

   (f) Skinner's Operant Conditioning Theory

4. Answer the following question in about **600** words.

   List any six audio formats. For each format select any one topic you may like to teach. Justify the choice of the format in terms of its suitability for the topic.

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| **MES-032**

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination

December, 2014

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note : (i) *All* the questions are **compulsory.**

(ii) *All* the questions carry **equal** weightage.

1. Answer the following question in about **600** words :

    Explain the meaning and nature of educational communication. Discuss the principles which need to be considered while planning communication for education and training.

    OR

    Discuss any three technologies that facilitate classroom teaching.

2. Answer the following question in about **600** words :

    What is self-learning ? Discuss the factors that need to be taken into consideration while designing print material for self-learning.

    OR

    Differentiate between analog audio and digital audio. Mention the advantages of digital audio.

3. Answer **any four** of the following questions in about **150** words each :

    (a) Describe the process of communication. Discuss any three functions of communication.

    (b) Explain how technology can be used in the delivery of learning materials.

    (c) Explain Barrett's taxonomy of reading comprehension.

    (d) What are computer conferencing technologies ? Mention their advantages and disadvantages.

    (e) What is technology obsolescence ? Explain any two methods to counter this.

    (f) Write a short note on desktop publishing.

4. Answer the following question in about **600** words :

Identify a topic of your choice from secondary school curriculum. Illustrate how you can integrate various technologies to teach that topic.

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No. of Printed Pages : **2** | **MES-032** |

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination

June, 2015

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note : (i) *All the questions are **compulsory**.*

(ii) *All the questions carry **equal** weightage.*

1. Answer the following question in about **600** words.

   Explain the concept of "interactivity". Discuss various media which can be used to facilitate interactivity in the teaching-learning process.

   OR

   What is 'computer mediated instruction' ? Discuss various means of providing computer mediated instruction.

2. Answer the following question in about **600** words.

   What are the strengths and weaknesses of audio medium ? Describe the stages involved in the production of audio programmes.

   OR

What is meant by appropriate technology ? Discuss the factors that determine the selection of appropriate technology.

3. Answer **any four** of the following questions in about **150** words each.

   (a) Discuss briefly communication skills required for effective educational communication.

   (b) What is teleconferencing ? Mention its advantages and disadvantages.

   (c) Discuss briefly the functions of communication.

   (d) Describe various presentation formats for video programmes with examples.

   (e) Explain, with an example, how media-mix can be optimised.

   (f) What are the emerging trends in broadcasting ?

4. Answer the following question in about **600** words.

   Suppose you are asked to develop self-learning print material on a topic of your choice. Discuss the steps that you would follow while developing self-learning material.

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MES-032

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination

December, 2015

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note : (i) All questions are **compulsory.**

     (ii) All questions carry **equal weightage.**

1. Answer the following question in about **600** words.

    Why is interactivity important in the communication process ? Discuss, with examples, how use of interactive media enhances student learning.

    OR

    Explain the nature and types of educational communication. Discuss how communication facilitates the process of education and training.

2. Answer the following question in about **600** words.

    What is meant by self-learning ? Explain, with examples, how technologies enhance self-learning.

    OR

    Highlight the importance of ICT in teaching and training activities. Explain, with examples, how ICT can be used to impart teaching and training.

3. Answer **any four** of the following questions in about **150** words each :

   (a) Explain how knowledge of adult learning helps in designing print materials.

   (b) How does SQ3R system improve reading skills ?

   (c) Differentiate between terrestrial and satellite based transmission of TV signals.

   (d) Explain how synchronous interactive technology facilitates student learning in distance education.

   (e) What is streaming audio ? Mention its advantages.

   (f) Explain how technologies can help in continuing professional development.

4. Answer the following question in about **600** words.

   Identify a topic of your choice from secondary school level. Prepare a plan to teach the same topic with integration of appropriate technologies.

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MES-032

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination

June, 2016

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note : (i) **All** *questions are* **compulsory.**

(ii) **All** *questions carry* **equal** *weightage.*

1. Answer the following question in about **600** words.

   Explain the meaning and types of teleconferencing. Discuss how teleconferencing facilitates student learning in distance education system.

   OR

   Highlight the importance of video in teaching - learning process. Describe the stages of video production.

2. Answer the following question in about **600** words.

   What is the significance of print medium in distance education system ? Discuss various aspects that should be kept in mind while designing print materials for distance education.

   OR

Explain the nature and characteristics of SLMs. Describe the features of self-learning print materials.

3. Answer **any four** of the following questions in about **600** words :

    (a) Explain how a teacher can create positive learning environment in the classroom.

    (b) Differentiate between computer-based training and web-based training.

    (c) Explain briefly the role of technology in imparting education to learners with special needs.

    (d) Differentiate between analog and digital audio formats.

    (e) What is technology obsolescence ? How can this be dealt with ?

    (f) Explain the role of technology as a surrogate teacher.

4. Answer the following question in about **600** words.
    Identify a topic of your choice that may be taught at secondary school level. Prepare a detailed plan for carrying out classroom communication necessary for teaching the topic effectively.

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MES-032

00381

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination

December, 2016

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note : (i) *All questions are compulsory.*

(ii) *All questions carry equal weightage.*

1. Answer the following question in about 600 words :

    Discuss the use of various technologies which facilitate self learning.

OR

Discuss the implications of upcoming audio technologies for distance education.

2. Answer the following question in about 600 words :

    Explain the barriers of communication and suggest the strategies to overcome the barriers.

OR

Explain the factors affecting learning through interactive media, with the help of suitable examples.

3. Answer **any four** of the following in about **150** words each :

(a) Describe the steps for designing a training programme.

(b) How can the reading skills be improved ?

(c) Write a short note on assistive technology.

(d) Explain the barriers to technology integration.

(e) Differentiate between synchronous and asynchronous communication.

(f) Describe the components of 'Shanon Weaver' model of communication.

4. Answer the following question in about **600** words :

Suppose you want to develop an online professional development programme for teachers. List the objectives of the programme and explain the technologies you may use to attain the objectives.

No. of Printed Pages : 2

MES-032

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination

June, 2017

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note : (i) **All questions are compulsory.**

(ii) **All questions carry equal weightage.**

1.   Answer the following question in about 600 words :

Discuss the various types of audio Conferencing technologies. Also, comment on their usability in distance education.

OR

Explain various activities which can ensure active and meaningful learning among distance learners.

2.   Answer the following question in about 600 words :

'Technology is a surrogate teacher' comment.

OR

How can classroom environment be planned for effective communication of content. Illustrate your answer with suitable examples.

3. Answer **any four** of the following in about **150** words each :

(a) Explain the merits and demerits of using print medium.

(b) Differentiate between video and web based conferencing.

(c) Elaborate the criteria to evaluate technology integration.

(d) Which video format will you choose to develop skills among learners and why ?

(e) Explain any two factors which affect audio quality.

(f) Explain the relationship between interactivity and quality of learning.

4. Answer the following in about **600** words :

Suppose you want to develop self learning skills in your students. Develop a plan for using technology for this purpose.

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No. of Printed Pages : **4**

| **MES-032** |

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination

December, 2017

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note :   *(i)*   *All questions are **compulsory**.*

       (ii)   *All questions carry **equal** weightage.*

1.   Answer the following question in about **600** words.
   'Communication is an integral part of teaching - learning process'. Justify the statement with suitable examples.

   OR

   Describe the development of print medium. Discuss its merits and demerits in teaching - learning at a distance.

2.   Answer the following question in about **600** words.
   Describe various technologies used for Classroom Teaching.

   OR

   What do you mean by 'appropriate technology' ? Discuss the criteria for selecting appropriate technology for your class.

3. Answer **any four** of the following questions in about **150** words each.

   (a) Describe strategies for effective communication.

   (b) Describe the need of technology for imparting education and training.

   (c) Describe various 'authoring software' used for learning material development.

   (d) Discuss the concept and strategies of using study skills.

   (e) Describe the stages of the production of audio programmes.

   (f) Discuss the role of technology for continuing professional development.

4. Answer the following question in about **600** words.

   "Information and communication technologies can replace the teacher". Discuss for or against the statement with the help of convincing examples.

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एम.ई.एस.-032

एम.ए. (शिक्षा) में पी.जी.डी.ई.टी

सत्रांत परीक्षा

दिसम्बर, 2017

एम.ई.एस.-032 : संचार एवं सूचना प्रौद्योगिकी

समय : 3 घण्टे   *अधिकतम भारिता : 70%*

नोट :   (i) **सभी प्रश्नों के उत्तर देना अनिवार्य हैं।**

       (ii) **सभी प्रश्नों की भारिता समान है।**

1. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।

   'संचार, अध्ययन – अध्यापन प्रक्रिया का एक अभिन्न भाग है'-कथन की पुष्टि उचित उदाहरण देते हुए कीजिए।

   अथवा

   प्रिंट माध्यम के विकास का वर्णन कीजिए। दूर शिक्षा की दृष्टि से अध्ययन–अध्यापन प्रक्रिया में इसके लाभ एवं दोषों की चर्चा कीजिए।

2. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।

   कक्षा–शिक्षण के संबंध में प्रयुक्त विविध प्रौद्योगिकियों का वर्णन कीजिए।

   अथवा

   'उपयुक्त प्रौद्योगिकी' से आप क्या समझते हैं ? अपनी कक्षा के लिए उपयुक्त प्रौद्योगिकी का चयन करने के मानदंडों की चर्चा कीजिए।

3. निम्नलिखित में से **किन्हीं चार** प्रश्नों के उत्तर (प्रत्येक) लगभग 150 शब्दों में दीजिए।

   (a) प्रभावी संप्रेषण (संचार) की रणनीतियों का वर्णन कीजिए।

   (b) शिक्षा एवं प्रशिक्षण प्रदान करने के संबंध में प्रौद्योगिकी की आवश्यकता का वर्णन कीजिए।

   (c) अध्ययन सामग्री विकास में प्रयुक्त विविध 'ऑथोरिंग सॉफ्टवेयरों' (authoring software) की सविस्तार प्रस्तुति कीजिए।

   (d) अध्ययन कौशल प्रयोग करने की संकल्पना एवं रणनीतियों की चर्चा कीजिए।

   (e) श्रव्य कार्यक्रम निर्माण के चरणों का वर्णन कीजिए।

   (f) सतत् पेशेवर (व्यावसायिक) विकास के संबंध में प्रौद्योगिकी की भूमिका की चर्चा कीजिए।

4. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।

''सूचना एवं संचार प्रौद्योगिकियाँ अध्यापक की जगह ले सकती हैं''-कथन के पक्ष/विपक्ष की चर्चा पुष्टिकर उदाहरण देते हुए कीजिए।

MES-032   4

No. of Printed Pages : 4 | **MES-032**

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

01328

Term-End Examination

June, 2018

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note : (i) *All questions are compulsory.*

      (ii) *All questions carry equal weightage.*

1. Answer the following question in about **600** words.

   Discuss the technologies used for self-learning and justify their use.

   OR

   What do you mean by 'access devices' ? Discuss the advantages of each access device in effective learning.

2. Answer the following question in about **600** words.

   Compare the advantages and limitations of audio, video and computer conferencing.

   OR

   Explain the concept of technology integration in teaching learning process. Discuss the criteria of assessment of integration of technology.

3. Answer **any four** of the following questions in about **150** words each :

(a) Which 'Model of Communication' is more effective for teaching learning purposes ? Discuss why ?

(b) Describe the historical development of television medium in India.

(c) Describe the various presentation formats of the video programmes.

(d) Discuss the strategies of conducting teleconferencing sessions for effective learning by the students.

(e) Describe the advantages of digital audio.

(f) Explain the role of technology as an aid for simulation and decision-making.

4. Answer the following question in about **600** words.

Select a topic of your choice and carry out the following tasks.

(a) Choose with justification, the master medium/media for teaching this topic.

(b) What appropriate technologies will you integrate to deal with this topic and why ?

(c) Explain how these technologies would be integrated.

(d) Discuss the benefits of such a teaching strategy.

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एम.ई.एस.-032

एम.ए. (शिक्षा) में पी.जी.डी.ई.टी.
सत्रांत परीक्षा
जून, 2018
एम.ई.एस.-032 : संचार एवं सूचना प्रौद्योगिकी

समय : 3 घण्टे   अधिकतम भारिता : 70%

नोट :   (i) *सभी प्रश्नों के उत्तर देना अनिवार्य हैं।*

       (ii) *सभी प्रश्नों की भारिता समान है।*

1. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :
   स्व-अध्ययन में प्रयुक्त प्रौद्योगिकियों की चर्चा कीजिए और इनके प्रयोग के महत्व की पुष्टि कीजिए।

अथवा

   'ऐक्सेस डिवाइसिस' (access devices) से आप क्या समझते हैं ? प्रभावी अध्ययन में प्रयुक्त प्रत्येक ऐक्सेस डिवाइस के फायदे की चर्चा कीजिए।

2. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :
   ऑडियो, विडियो और कंप्यूटर कान्फ्रेन्सिंग के फायदों एवं सीमाओं की आपस में तुलना कीजिए।

अथवा

   अध्ययन-अध्यापन प्रक्रिया में प्रौद्योगिकी समावेशन की संकल्पना का वर्णन कीजिए। प्रौद्योगिकी समावेशन के निर्धारण संबंधी मानदंडों की चर्चा कीजिए।

3. निम्नलिखित में से **किन्हीं चार** प्रश्नों के उत्तर (प्रत्येक) लगभग 150 शब्दों में दीजिए :

   (a) अध्ययन – अध्यापन उद्देश्यों की दृष्टि से संप्रेषण (संचार) का कौन सा प्रतिमान अधिक प्रभावी है और क्यों ? चर्चा कीजिए।

   (b) भारत में टेलीविजन – माध्यम के ऐतिहासिक विकास की चर्चा कीजिए।

   (c) विडियो कार्यक्रमों के विविध प्रस्तुति फार्मेट का वर्णन कीजिए।

   (d) विद्यार्थियों के प्रभावी अध्ययन को ध्यान में रखते हुए टेलीकान्फ्रेन्सिंग सत्र-संचालन की रणनीतियों की चर्चा कीजिए।

   (e) डिजिटल ऑडियो के फायदों का वर्णन कीजिए।

   (f) उद्दीपन एवं निर्णयन की सहायक सामग्री (aid) के रूप में प्रौद्योगिकी की भूमिका का वर्णन कीजिए।

4. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :
   अपनी पसंद की विषयवस्तु का चयन कीजिए और निम्नलिखित कार्य पूरे कीजिए :

   (a) इस विषयवस्तु को पढ़ाने के लिए मास्टर मीडियम/ मीडिया का चयन, इसकी पुष्टि करते हुए कीजिए।

   (b) इस विषयवस्तु को सार्थक बनाने के लिए किस उपयुक्त प्रौद्योगिकी को आप इस विषयवस्तु के साथ जोड़ेंगे और क्यों ?

   (c) बताइए कि इन प्रौद्योगिकियों को कैसे समाविष्ट किया जायेगा ?

   (d) शिक्षण संबंधी ऐसी रणनीति के फायदों की चर्चा कीजिए।

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| **MES-032**

01001

MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination

December, 2018

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note :   (i)   *All the questions are compulsory.*

      (ii)   *All the questions carry **equal** weightage.*

1. Answer the following question in about **600** words :

   Discuss the steps you will take for planning communication for education and training.

   OR

   What is meant by 'appropriate technology' ? Explain the criteria for choosing appropriate technology.

2. Answer the following question in about **600** words :

   Examine the role of technology as a surrogate teacher.

   OR

   Discuss the role of technology in imparting special education.

3. Write short note on **any four** of the following in about **150** words each :

(a) Distributed Interactive simulation.

(b) Authoring softwares

(c) Importance of SQ3R system of reading

(d) Study skills strategies

(e) Strategies for effective communication

(f) Optimisation of media mix

4. Answer the following question in about **600** words :

"Print medium plays a significant role in distance education." Justify this statement on the basis of your experience as a distance learner.

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एम.ई.एस.-032

एम.ए. (शिक्षा) में पी.जी.डी.ई.टी.

सत्रांत परीक्षा

दिसंबर, 2018

एम.ई.एस.-032 : संचार एवं सूचना प्रौद्योगिकी

समय : 3 घण्टे   अधिकतम भारिता : 70%

नोट :   (i)   **सभी** प्रश्न **अनिवार्य** हैं।

(ii)   **सभी** प्रश्नों की भारिता **समान** है।

1.   निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।

शिक्षा एवं प्रशिक्षण हेतु संप्रेषण योजना के लिए आपके द्वारा उठाए जाने वाले कदमों की चर्चा कीजिए।

अथवा

'समुचित/उपयुक्त प्रौद्योगिकी' का क्या अर्थ है? समुचित/ उपयुक्त प्रौद्योगिकी के चयन हेतु मानदण्ड की व्याख्या कीजिए।

2.   निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।

स्थानापन्न (वैकल्पिक) शिक्षक के रूप में प्रौद्योगिकी की भूमिका का परीक्षण कीजिए।

अथवा

विशेष शिक्षा को देने में प्रौद्योगिकी की भूमिका की चर्चा कीजिए।

3. निम्नलिखित में से **किन्हीं चार** पर प्रत्येक लगभग 150 शब्दों में संक्षिप्त टिप्पणी लिखिए :

    (a) वितरित अंतःक्रियात्मक अनुसरण

    (b) प्राधिकृत सॉफ्टवेयर

    (c) पठन की SQ3R पद्धति का महत्व

    (d) अध्ययन कौशल रणनीतियाँ

    (e) प्रभावी संप्रेषण हेतु रणनीतियाँ

    (f) मीडिया मिक्स की प्रभावकता

4. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।

    ''मुद्रित माध्यम दूरस्थ शिक्षा में महत्वपूर्ण भूमिका निभाता है।'' एक दूरस्थ अधिगमकर्त्ता के रूप में अपने अनुभव के आधार पर इस कथन को न्यायसंगत ठहराइए।

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MES-032

MASTER OF ARTS (EDUCATION)/POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination, 2019

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 Hours]   [Maximum Weightage : 70%

Note : **All** the questions are **compulsory**. **All** the questions carry **equal** weightage.

1. Answer the following question in about **600** words.

   Explain the concept and types of access devices. Also discuss the use of access devices in self learning materials.

   OR

   Explain the importance of interactivity in the communication process. Discuss how the use of interactive media enhances student learning. Support your answer with suitable examples.

2. Answer the following question in about **600** words.

   Describe various TV transmission techniques.

MES-032   (1)   [P.T.O.]

OR

Describe various stages of video programme production.

3. Write short notes on **any four** of the following in about **150** words each :

    (a)   Social impact of ICT

    (b)   Differentiate between analog and digital technology

    (c)   Desktop publishing

    (d)   Selection of technology on pedagogical criteria

    (e)   Lifelong learning

    (f)   Use of technology for professional development

4. Answer the following question in about **600** words.

Identify a topic of your choice and develop a plan for integration of appropriate technology for enhancing student learning.

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एम.ई.एस.-032

एम.ए. (शिक्षा) में पी.जी.डी.ई.टी.

सत्रांत परीक्षा, 2019

एम.ई.एस.-032 : संचार एवं सूचना प्रौद्योगिकी

समय : 3 घण्टे   अधिकतम भारिता : 70%

नोट : सभी प्रश्न अनिवार्य हैं। सभी प्रश्नों की भारिता समान है।

1. निम्न प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।

   पहुँच उपकरणों/यंत्रों की अवधारणा एवं प्रकारों की व्याख्या कीजिए। स्वअधिगम सामग्रियों में पहुँच उपकरणों के उपयोग की चर्चा भी कीजिए।

अथवा

   संप्रेषण प्रक्रिया में अंतःक्रियात्मकता के महत्व की व्याख्या कीजिए। चर्चा कीजिए कि अंतःक्रियात्मक माध्यम का उपयोग किस प्रकार विद्यार्थी अधिगम को बढ़ाता है ? उचित उदाहरणों द्वारा अपने उत्तर का समर्थन कीजिए।

2. निम्न प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।

   विभिन्न टी.वी. प्रसारण तकनीकों का वर्णन कीजिए।

अथवा

दृश्य कार्यक्रम निर्माण के विभिन्न स्तरों का वर्णन कीजिए।

3. निम्न में से **किन्हीं चार** पर प्रत्येक लगभग **150** शब्दों में संक्षिप्त टिप्पणी लिखिए :

   (a) सूचना एवं संप्रेषण प्रौद्योगिकी (ICT) का सामाजिक प्रभाव

   (b) एनालॉग एवं डिजिटल प्रौद्योगिकी में अंतर स्पष्ट कीजिए

   (c) डेस्कटॉप पब्लिशिन्ग

   (d) शिक्षणशास्त्रीय मानदण्ड पर प्रौद्योगिकी का चयन

   (e) जीवन पर्यन्त अधिगम

   (f) वृत्तिक विकास हेतु प्रौद्योगिकी का उपयोग

4. निम्न प्रश्न का उत्तर लगभग **600** शब्दों में दीजिए।

   अपने पसंद के एक प्रकरण की पहचान कीजिए तथा विद्यार्थी अधिगम में वृद्धि हेतु उचित प्रौद्योगिकी के समाकलन हेतु एक योजना विकसित कीजिए।

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No. of Printed Pages : 4 | **MES-032**

MASTER OF ARTS (EDUCATION) / POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination, 2019

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 Hours] [Maximum Weightage : 70%

Note : All questions are **compulsory**. All questions carry equal weightage.

Note : Answer the following question in about 600 words :

1. Discuss the technologies which facilitate self learning. Illustrate your answer with suitable examples.

OR

List various technologies which can be used in classroom teaching and elaborate the use of **any two** of them in detail.

Note : Answer the following question in about 600 words :

2. Explain the barriers in communication and suggest the strategies to remove those barriers.

MES-032/2000 (1)

OR

Elaborate the term 'appropriate technology'. Discuss the criteria which help in deciding use of appropriate technology for teaching learning.

Note : Answer **any four** of the following in about 150 words each:

3. (a) Nature of communication in a small group and large group.

    (b) Computer mediated instruction

    (c) Role of participatory approach in creating learning environment in a classroom.

    (d) Advantages and disadvantages of teleconferencing.

    (e) Use of Technology in Special Education

    (f) Use of technology in professional development

Note : Answer the following question in about 600 words :

4. Select a topic of your choice which you want to teach through an audio programme. Choose an appropriate audio format and justify your choice of a format in terms of its suitability for the topic.

एम.ई.एस.-032

एम.ए. (शिक्षा) में पी.जी.डी.ई.टी.

सत्रांत परीक्षा; 2019

एम.ई.एस.-032 : संचार एवं सूचना प्रौद्योगिकी

समय : 3 घण्टे   अधिकतम भारिता : 70%

नोट : सभी प्रश्न अनिवार्य हैं। सभी प्रश्नों की भारिता समान है।

नोट : निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :

1.   स्व-अधिगम की सहायता करने वाले तकनीकों/प्रौद्योगिकी की चर्चा कीजिए। उचित उदाहरणों द्वारा अपने उत्तर को स्पष्ट कीजिए।

अथवा

कक्षाकक्ष शिक्षण में प्रयोग किए जा सकने वाले विभिन्न तकनीकों को सूचीबद्ध कीजिए तथा इनमें से किन्हीं दो के उपयोग का वर्णन विस्तारपूर्वक कीजिए।

नोट : निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :

2.   संप्रेषण में बाधाओं की व्याख्या कीजिए तथा उन बाधाओं को दूर करने की रणनीतियों को सुझाइए।

अथवा

'उपयुक्त प्रौद्योगिकी' पद का वर्णन कीजिए। शिक्षण–अधिगम हेतु उपयुक्त प्रौद्योगिकी/तकनीक के उपयोग के निर्णयन में सहायक मानकों की चर्चा कीजिए।

नोट : निम्नलिखित में से **किन्हीं चार** प्रश्नों का उत्तर लगभग 150 शब्दों में दीजिए :

3. (a) लघु समूह तथा वृहद समूह में संप्रेषण की प्रकृति

    (b) कम्प्यूटर समर्थित अनुदेशन

    (c) कक्षाकक्ष में अधिगम वातावरण निर्माण में सहभागी उपागम की भूमिका

    (d) टेलीकान्फ्रेंसिंग के लाभ एवं हानियाँ

    (e) विशेष शिक्षा में तकनीक का उपयोग

    (g) कार्यपरक (व्यावसायिक) विकास में तकनीक का उपयोग

नोट : निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :

4. अपने पसंद के एक प्रकरण का चयन कीजिए जिसे आप श्रव्य कार्यक्रम द्वारा शिक्षण करना चाहते हैं। उपयुक्त श्रव्य प्रारूप का चयन कीजिए तथा उक्त प्रकरण हेतु इसकी उपयुक्तता के रूप में अपने प्रारूप के चयन के औचित्य को बताइए।

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No. of Printed Pages : 4 **MES-032**

MASTER OF ARTS (EDUCATION)/POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination-2020

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 Hours] *[Maximum Weightage : 70%*

Note: All questions are compulsory. All questions carry equal weightage.

1. Answer the following question in about 600 words:

 Define "Interactive Media". Explain the use of various interactive media for learning.

 Or

 Discuss general principles to be considered while planning communication for education and training. Support your answer with an illustration.

2. Answer the following questions in about 600 words:

 Discuss the types and use of various access devices for self-learning materials.

Or

Discuss the behaviourist theory of learning with its educational implications.

3. Answer <u>any four</u> of the following in about 150 words each:

(a) Telematics in training

(b) Technology as an aid for simulation

(c) Advantages and disadvantages of teleconferencing.

(d) Production Stages of an audio programme.

(e) Emerging trends in Broadcasting.

(f) Importance of interactivity in communication process.

4. Answer the following question in about 600 words:

Identify a topic of your choice and illustrate how you can integrate various technologies with teaching-learning process to teach that topic.

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एम.ई.एस.-032

एम.ए. (शिक्षा) में पी.जी.डी.ई.टी.

सत्रांत परीक्षा

एम.ई.एस.-032 : संचार एवं सूचना प्रौद्योगिकी

समय : 3 घण्टे   अधिकतम भारिता : 70%

नोटः सभी प्रश्न अनिवार्य हैं। सभी प्रश्नों की भारिता समान है।

1. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए:

   ''अंतःक्रियात्मक मीडिया'' को परिभाषित कीजिए। अधिगम हेतु विभिन्न अंतःक्रियात्मक मीडिया के उपयोग की व्याख्या कीजिए।

अथवा

   शिक्षा एवं प्रशिक्षण हेतु संचार की योजना के दौरान विचारणीय सामान्य सिद्धान्तों की चर्चा कीजिए। एक उदाहरण द्वारा अपने उत्तर का समर्थन कीजिए।

2. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए:

   स्व-अधिगम सामग्रियों हेतु विभिन्न पहुँच उपकरणों के प्रकार एवं उपयोग की चर्चा कीजिए।

अथवा

अधिगम के व्यवहारवादी सिद्धान्त का इसके शैक्षिक निहितार्थों के साथ चर्चा कीजिए।

3. निम्नलिखित में से किन्हीं चार प्रश्नों प्रत्येक के उत्तर लगभग 150 शब्दों में दीजिए:

(a) प्रशिक्षण में टेलीमैटिक्स

(b) अनुरूपण (Simulation) हेतु एक सहायक सामग्री के रूप में तकनीक/प्रौद्योगिकी

(c) टेलीकॉन्फ्रेंसिंग के लाभ एवं हानियाँ

(d) एक श्रव्य कार्यक्रम के उत्पादक स्तर/अवस्थाएँ

(e) प्रसारण में उभरती प्रवृत्तियाँ

(f) संचार प्रक्रिया में अंतःक्रियात्मकता का महत्त्व

4 निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए:

अपने पसंद के एक प्रकरण की पहचान कीजिए तथा उस प्रकरण के शिक्षण हेतु शिक्षण–अधिगम प्रक्रिया के साथ विभिन्न तकनीकों का समाकलन आप कैसे करेंगे, स्पष्ट कीजिए।

—x—

1912

No. of Printed Pages : 4   **MES-032**

MASTER OF ARTS (EDUCATION) / POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY

Term-End Examination, 2019

MES-032 : COMMUNICATION AND INFORMATION TECHNOLOGY

Time : 3 Hours]   [Maximum Weightage : 70%

Note : **All** questions are **compulsory**. All questions carry equal weightage.

Note : Answer the following question in about 600 words :

1. Discuss the technologies which facilitate self learning. Illustrate your answer with suitable examples.

OR

List various technologies which can be used in classroom teaching and elaborate the use of **any two** of them in detail.

Note : Answer the following question in about 600 words :

2. Explain the barriers in communication and suggest the strategies to remove those barriers.

MES-032/2000   (1)

OR

Elaborate the term 'appropriate technology'. Discuss the criteria which help in deciding use of appropriate technology for teaching learning.

Note : Answer **any four** of the following in about 150 words each:

3.   (a)   Nature of communication in a small group and large group.

        (b)   Computer mediated instruction

        (c)   Role of participatory approach in creating learning environment in a classroom.

        (d)   Advantages and disadvantages of teleconferencing.

        (e)   Use of Technology in Special Education

        (f)   Use of technology in professional development

Note : Answer the following question in about 600 words :

4.   Select a topic of your choice which you want to teach through an audio programme. Choose an appropriate audio format and justify your choice of a format in terms of its suitability for the topic.

MES-032/2000   (2)

एम.ई.एस.-032

एम.ए. (शिक्षा) में पी.जी.डी.ई.टी.

सत्रांत परीक्षा; 2019

एम.ई.एस.-032 : संचार एवं सूचना प्रौद्योगिकी

समय : 3 घण्टे   अधिकतम भारिता : 70%

नोट : सभी प्रश्न अनिवार्य हैं। सभी प्रश्नों की भारिता समान है।

नोट : निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :

1. स्व-अधिगम की सहायता करने वाले तकनीकों/प्रौद्योगिकी की चर्चा कीजिए। उचित उदाहरणों द्वारा अपने उत्तर को स्पष्ट कीजिए।

अथवा

कक्षाकक्ष शिक्षण में प्रयोग किए जा सकने वाले विभिन्न तकनीकों को सूचीबद्ध कीजिए तथा इनमें से किन्हीं दो के उपयोग का वर्णन विस्तारपूर्वक कीजिए।

नोट : निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :

2. संप्रेषण में बाधाओं की व्याख्या कीजिए तथा उन बाधाओं को दूर करने की रणनीतियों को सुझाइए।

अथवा

'उपयुक्त प्रौद्योगिकी' पद का वर्णन कीजिए। शिक्षण–अधिगम हेतु उपयुक्त प्रौद्योगिकी/तकनीक के उपयोग के निर्णयन में सहायक मानकों की चर्चा कीजिए।

नोट : निम्नलिखित में से **किन्हीं चार** प्रश्नों का उत्तर लगभग 150 शब्दों में दीजिए :

3. (a) लघु समूह तथा वृहद समूह में संप्रेषण की प्रकृति

   (b) कम्प्यूटर समर्थित अनुदेशन

   (c) कक्षाकक्ष में अधिगम वातावरण निर्माण में सहभागी उपागम की भूमिका

   (d) टेलीकान्फ्रेंसिंग के लाभ एवं हानियाँ

   (e) विशेष शिक्षा में तकनीक का उपयोग

   (g) कार्यपरक (व्यावसायिक) विकास में तकनीक का उपयोग

नोट : निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :

4. अपने पसंद के एक प्रकरण का चयन कीजिए जिसे आप श्रव्य कार्यक्रम द्वारा शिक्षण करना चाहते हैं। उपयुक्त श्रव्य प्रारूप का चयन कीजिए तथा उक्त प्रकरण हेतु इसकी उपयुक्तता के रूप में अपने प्रारूप के चयन के औचित्य को बताइए।

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