

No. of Printed Pages : 2

MES-034

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

Term-End Examination

December, 2011

MES-034 : DESIGNING COURSEWARE

Time : 3 hours

Maximum Weightage : 70%

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

(ii) All questions carry *equal weightage*.

1. Answer the following question in about 600 words.

Explain the concept of curriculum. Discuss the various steps of developing a curriculum.

OR

What is competency-based learning ? Discuss the process of designing courseware for competency-based learning.

2. Answer the following question in about 600 words.

Explain the meaning and purposes of evaluation. Discuss the importance of evaluation at different stages of developing a curriculum or courseware.

OR

What is meant by learner assessment ? Discuss the procedures of learner assessment in scholastic and Co - scholastic areas.

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

- (a) Discuss how you can design interactivity in audio - video resources.
- (b) What is computer - assisted learning (CAL) ? Discuss its importance.
- (c) What is systems approach ? Mention the steps of the systems approach to course ware development.
- (d) Write a short note on cataloguing, storage and retrieval of media courseware.
- (e) Why is team building essential for developing media courseware ?
- (f) Discuss the steps involved in the pre - production planning in the development of media courseware.

4. Answer the following question in about 600 words.

Identify a topic of your choice from secondary school curriculum for an audio programme. Discuss the steps you will follow while planning and writing script for the same audio programme.

No. of Printed Pages : 2

MES-034

01671

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

Term-End Examination

June, 2012

MES-034 : DESIGNING COURSEWARE

Time : 3 hours

Maximum Weightage : 70%

-
- Note :** (i) *All the questions are compulsory.*
(ii) *All questions carry equal weightage.*
-

1. Answer the following question in about 600 words.

Discuss the steps involved in the process of development of a computer courseware.

OR

Discuss briefly the production steps involved in developing courseware for media.

2. Answer the following question in about 600 words.

Discuss the important processes of production control in the management of courseware development.

OR

Discuss how media courseware is delivered. Also discuss the barriers to media courseware delivery.

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

- (a) Explain the significance of need assessment in course design.
- (b) Mention various design elements for audio and video programmes.
- (c) Mention strengths and limitations of the audio medium.
- (d) Describe briefly the points to be kept in mind while preparing a video script.
- (e) 'Evaluation is a means, not an end in itself'. explain the statement.
- (f) Discuss the importance of interview as a tool for evaluation.

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

Choose a suitable topic for designing an interactive multimedia. Elaborate the steps you will follow while designing multimedia on the topic chosen.

No. of Printed Pages : 2

MES-034

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

Term-End Examination

December, 2012

MES-034 : DESIGNING COURSEWARE

Time : 3 hours

Maximum Weightage : 70%

-
- Note :** (i) *All the questions are compulsory.*
(ii) *All questions carry equal weightage.*
-

1. Answer the following question in about 600 words.

Explain the pedagogical implications in designing on-line instructions.

OR

Discuss how content is developed for delivery through interactive multimedia.

2. Answer the following question in about 600 words.

Describe various techniques of courseware evaluation.

OR

‘Maintaining quality of course ware being developed is crucial aspect of the entire management process’. Discuss the statement.

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

- (a) Discuss major criteria for selection of appropriate curricular content.
- (b) How will you design content-learner interactivity in a video programme? Discuss.
- (c) Discuss steps to be followed for pre-production planning of a video programme.
- (d) Describe the procedure to evaluate and revise a computer courseware.
- (e) Differentiate between formative and summative evaluation.
- (f) Discuss the issues involved in managing courseware development.

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

Design a course ware on any topic of your choice.

Select target group, find out learner profile, state learning objectives, select and organise content and decide about the media to be used.

No. of Printed Pages : 2

MES-034

01107

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

Term-End Examination

June, 2013

MES-034 : DESIGNING COURSEWARE

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 implications of learning theories for designing online courses.

OR

What do you mean by a story board ? Select a topic and prepare a story board for a multimedia programme.

2. Answer the following question in about 600 words.

Discuss the steps you will take for writing script for a video programme.

OR

List different types of evaluation tools. How will you ensure validity and reliability of a questionnaire as a tool for data collection ?

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

- (a) Discuss the ways as to how you will organise the selected curricular content in a courseware ?
- (b) Discuss the importance of team building in developing courseware.
- (c) How will you carry out formative evaluation while developing a video programme ?
- (d) Discuss the concept and need of continuous and comprehensive evaluation of learners
- (e) 'Budgeting is an important part of planning where expenditure on each activity is estimated'. Discuss the statement.
- (f) How will you, as a teacher, ensure optimum utilisation of media courseware by your students ?

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

Select a topic for developing courseware for a target group of your choice. Describe the 'instructional treatment' required for the topic chosen.

No. of Printed Pages : 2

MES-034

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

Term-End Examination

December, 2013

MES-034 : DESIGNING COURSEWARE

Time : 3 hours

Maximum Weightage : 70%

-
- Note : (i) All questions are compulsory.
(ii) All questions carry equal weightage.*
-

Answer the following question in about
600 words :

Describe the factors that are to be considered for
curriculum development.

OR

Explain how online instructions are to be designed
so that they are pedagogically sound.

Answer the following question in about
600 words :

Why is interactivity essential in teaching-learning
process ? Discuss the role of technology in
facilitating interactivity in teaching-learning
process.

OR

Discuss the strength and limitations of audio and video media for educational purposes.

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

- (a) Discuss the different approaches to media selection and integration.
- (b) Explain the attributes of online learning and teaching.
- (c) Discuss the role of instructional design in courseware development.
- (d) Describe the steps to be taken for production control during courseware development.
- (e) Discuss the need of formative evaluation during courseware development.
- (f) Discuss the various audio formats and their uses in the teaching learning process.

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

Select a topic and discuss the steps you will follow for planning, developing and evaluating a video programme on it.

No. of Printed Pages : 2

MES-034

01332

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

Term-End Examination

June, 2014

MES-034 : DESIGNING COURSEWARE

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.

‘Teaching - learning process is basically a process of communication’. In the light of this statement, explain how the role of different visuals facilitate communication in teaching - learning process.

OR

Discuss the process involved in evaluation of courseware with an example.

2. Answer the following question in about 600 words.

Describe the various domains of learning and formulate one objective under each category of any two domains.

OR

Describe the process involved in development of courses meant for online delivery.

3. Answer **any four** of the following questions in about **150** words each.
- (a) Describe the sources from which you will collect information for evaluation of courseware.
 - (b) Explain the meaning of 'content analysis' .
 - (c) Discuss how technology can facilitate learner's assessment.
 - (d) Discuss how you will ensure quality of courseware.
 - (e) Write a short note on media library and resource centre.
 - (f) Discuss the need for teamwork in courseware development.
4. Answer the following question in about **600** words.
Suppose you want to develop courseware for a visual medium i.e. video discuss the steps you will follow before recording the programme.

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No. of Printed Pages : 2

MES-034

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

Term-End Examination

December, 2014

MES-034 : DESIGNING COURSEWARE

Time : 3 hours

Maximum Weightage : 70%

-
- Note :** (i) *All questions are compulsory.*
(ii) *All the questions carry equal weightage.*
-

1. Answer the following question in about 600 words.

What do you understand by the term 'curriculum'? Explain the various steps involved in curriculum planning.

OR

Explain the various means of delivery of media courseware.

2. Answer the following question in about 600 words.

Compare and contrast a 'story board' of a multimedia programme to that of a video programme. Explain which elements are crucial for a multimedia presentation.

OR

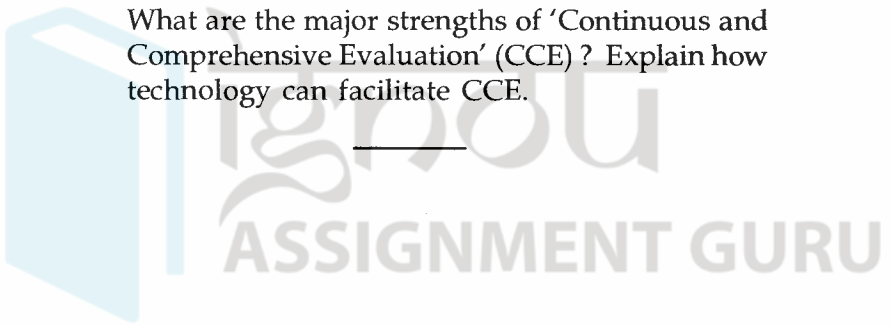
Discuss the attributes of learner evaluation procedures.

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

- (a) Authoring software
- (b) Experiential learning
- (c) Academic brief
- (d) Formative Evaluation
- (e) Peer Assessment
- (f) Interview
- (g) Need Assessment Process
- (h) Self assessment

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

What are the major strengths of 'Continuous and Comprehensive Evaluation' (CCE)? Explain how technology can facilitate CCE.



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No. of Printed Pages : 2

MES-034

01829

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

Term-End Examination

June, 2015

MES-034 : DESIGNING COURSEWARE

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 with the help of an example the issues that must be kept in mind while designing media programmes to augment learning.

OR

What is 'competency based learning' ? Explain with the help of an example.

2. Answer the following question in about 600 words.

How does 'evaluation' differ from 'measurement' ? Discuss the scope and purpose of evaluation.

OR

Explain in detail the process of managing 'courseware development.

3. Write notes on **any four** of the following in about **150** words each :
- (a) Interactive Multimedia Lesson
 - (b) Learning Management System (LMS)
 - (c) Role of audio in education
 - (d) Summative Evaluation
 - (e) Self-Assessment
 - (f) Observation Schedule
 - (g) Media Impact Studies
 - (h) Factors involved in utilisation of media courseware
4. Answer the following question in about **600** words.
- Develop and describe a plan for preparing an audio programme for a topic you may like to teach.

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No. of Printed Pages : 2

MES-034

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

Term-End Examination

December, 2015

MES-034 : DESIGNING COURSEWARE

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 :
How will you design courseware for internet based learning ? Discuss.

OR

Describe the main steps you will follow while planning an audio programme for a target group of your choice.

2. Answer the following question in about 600 words :
What do you mean by Sampling ? Discuss the methods of sampling with suitable examples.

OR

Maintaining quality of courseware is crucial for the programme production process. Discuss the statement.

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

- (a) Discuss the criteria for selection of curricular content for a particular group of learners.
- (b) As a programme designer, discuss the attributes of audio and video media, which you feel, will facilitate learning.
- (c) Explain the concept of systems approach as applied to courseware development.
- (d) While writing for video programmes, how will you exploit the strengths of the visual medium for facilitating optimum learning ?
- (e) Write a short note on computer as a unique learning tool.
- (f) Discuss the various aspects of production control.

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

Select a skill that you want to develop in your learners. Discuss how you will design, implement and monitor skill learning and hands-on training.

No. of Printed Pages : 2

MES-034

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

Term-End Examination

June, 2016

MES-034 : DESIGNING COURSEWARE

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.

Describe the major sources and forces that influence and contribute to the process of curriculum development.

OR

Discuss the courseware development process as a collaborative effort. Support your answer with examples.

2. Answer the following question in about 600 words.

Describe the techniques of courseware evaluation.

OR

Discuss the strategies of delivery and distribution of media courseware.

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

- (a) Discuss some of the ways to organise curricular content.
- (b) Compare and contrast the process of course development for video with that of print.
- (c) Compare the purpose of formative and summative evaluation.
- (d) How will you assess achievement of learners in the scholastic area ?
- (e) Discuss any one attribute of a good evaluation tool.
- (f) Discuss the issues related to the utilization of courseware by learners.

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

Identify a topic on which you would like to develop a video programme for secondary level children. Formulate instructional objectives and discuss the steps you will take to develop the programme.

No. of Printed Pages : 2

MES-034

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

Term-End Examination

December, 2016

MES-034 : DESIGNING COURSEWARE

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 techniques for courseware evaluation.

OR

Discuss the important points to be kept in mind for optimum utilisation of the visual medium for teaching learning processes.

2. Answer the following question in about 600 words :

Discuss the considerations to be kept in mind while planning an audio programme.

OR

Discuss the design and implementation of skill learning with suitable examples.

3. Answer **any four** of the following in about 150 words each :
- (a) Explain teacher's role in effective media utilization.
 - (b) Explain the meaning and use of formative evaluation.
 - (c) Elaborate on the methods of monitoring skill based learning.
 - (d) Describe systems approach to courseware development.
 - (e) Discuss the advantages of using audio- visual media.
 - (f) Explain the importance of Peer and self evaluation.
4. Answer the following question in about 600 words :
- Select a topic of your choice for an audio programme and develop a script for the same.

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No. of Printed Pages : 2

MES-034

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

Term-End Examination

June, 2017

MES-034 : DESIGNING COURSEWARE

Time : 3 hours

Maximum Weightage : 70%

*Note : (i) All the questions are compulsory.
(ii) All questions carry equal weightage.*

1. Answer the following question in about 600 words :
Differentiate between subject centered and learner centered approach for curriculum organisation. Which approach is better ? Justify your answer with suitable examples.

OR

'Courseware development is a collaborative effort.' Justify the statement through suitable examples.

2. Answer the following question in about 600 words.
Explain the importance of maintaining quality of courseware. Discuss the ways of maintaining the quality of courseware.

OR

Discuss the issues pertaining to optimum utilization of courseware.

3. Answer **any four** of the following in about **150** words each :
- (a) Explain the use of feedback for courseware evaluation.
 - (b) Differentiate between summative and formative evaluation.
 - (c) Explain online learning management system.
 - (d) Discuss the disadvantages of audio medium.
 - (e) Describe any two methods for assessing achievement in non-scholastic areas.
 - (f) Differentiate between a questionnaire and interview.

4. Answer the following question in about **600** words.
- Suppose you have to develop a video film for your students on a topic of your choice, suggest how will you carry out the formative and summative evaluation of the film.

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No. of Printed Pages : 4

MES-034

02025

**MASTER OF ARTS (EDUCATION)/
POST GRADUATE DIPLOMA IN
EDUCATIONAL TECHNOLOGY MA (Edu.)
(PGDET)**

Term-End Examination

December, 2017

MES-034 : DESIGNING COURSEWARE

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.

What are the sources of educational objectives ?
Describe the role of objectives in selection of curricular content.

OR

Discuss the techniques of courseware evaluation.

2. Answer the following question in about 600 words.

Discuss the process of writing an effective audio script.

OR

Describe various steps to be followed for planning computer courseware.

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

- (a) Discuss the subject - centred and learner - centred approaches to organisation of curricular content.
- (b) Discuss the importance of designing interactivity into audio-visual resources.
- (c) Discuss the educational strengths and limitations of the audio medium.
- (d) Discuss the concept and importance of evaluation of educational technology.
- (e) How will you assure quality of courseware being developed by you / your institution.
- (f) Discuss the role of educational technology in evaluation.

4. Answer the following question in about 600 words.

Select a topic of your choice and prepare a story board for a multimedia programme.

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एम.ई.एस.-034

एम.ए. (शिक्षा)/ शैक्षिक प्रौद्योगिकी में स्नातकोत्तर
डिप्लोमा एम.ए. (शिक्षा)/(पी.जी.डी.ई.टी.)

सत्रांत परीक्षा

दिसम्बर, 2017

एम.ई.एस.-034 : पाठ्यसामग्री का रूपरेखा निर्माण

समय : 3 घण्टे

अधिकतम भारिता : 70%

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

(ii) सभी प्रश्नों की समान अधिभारिता है।

1. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :
शैक्षिक उद्देश्यों के स्रोत क्या हैं? पाठ्यचर्या की विषयवस्तु के
चयन में इन उद्देश्यों की भूमिका का वर्णन कीजिए।

अथवा

पाठ्यसामग्री मूल्यांकन की तकनीकों की चर्चा कीजिए।

2. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :
एक प्रभावी ऑडियो स्क्रिप्ट लिखने की प्रक्रिया की चर्चा कीजिए।

अथवा

कम्प्यूटर पाठ्यसामग्री की योजना बनाते समय किन बातों का
अनुसरण करना ज़रूरी है? वर्णन कीजिए।

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

- (a) पाठ्यचर्या की विषयवस्तु के व्यवस्थापन के संबंध में विषय-केंद्रित एवं शिक्षार्थी केंद्रित आयामों की चर्चा कीजिए।
- (b) श्रव्य-दृश्य (audio-visual) संसाधनों में अंतःक्रिया साकार करने के महत्त्व की चर्चा कीजिए।
- (c) श्रव्य माध्यम (audio medium) की शैक्षिक सक्षमताओं एवं सीमाओं की चर्चा कीजिए।
- (d) शैक्षिक प्रौद्योगिकी के मूल्यांकन की संकल्पना एवं महत्त्व की चर्चा कीजिए।
- (e) आपके/आपके संस्थान द्वारा विकसित पाठ्यसामग्री की गुणवत्ता आप कैसे सुनिश्चित करेंगे?
- (f) मूल्यांकन में शैक्षिक प्रौद्योगिकी की भूमिका की चर्चा कीजिए।

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

अपनी पसंद की कोई एक विषयवस्तु (topic) का चयन कीजिए और एक बहुमाध्यम (multimedia) कार्यक्रम के लिए "स्टोरी बोर्ड" तैयार कीजिए।

No. of Printed Pages : 4

MES-034

01538

**MASTER OF ARTS (EDUCATION)/
POST GRADUATE DIPLOMA IN
EDUCATIONAL TECHNOLOGY MA (Edu.)
(PGDET)**

Term-End Examination

June, 2018

MES-034 : DESIGNING COURSEWARE

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.

"Learners' need assessment is the first step of curriculum planning and development of courseware". Discuss.

OR

Discuss the process of writing an effective video script.

2. Answer the following question in about 600 words.

What do you mean by learner evaluation. Discuss the processes of evaluation in scholastic and non-scholastic areas.

OR

Identify and discuss the issues involved in managing courseware development.

3. Answer **any four** of the following questions in about **150** words each.
- (a) Discuss the process of designing competency-based course.
 - (b) Discuss the process of evaluation at curriculum planning and course design stages.
 - (c) Discuss the pedagogic criteria of content selection for a video programme.
 - (d) How will you evaluate pedagogic value of a computer courseware ?
 - (e) How will you strengthen the utilization of courseware by the learners ?
 - (f) What do you mean by online learning management system ? Describe.
4. Answer the following question in about **600** words.
How will you develop Computer courseware ?
Discuss the process with examples.

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एम.ई.एस.-034

एम.ए. (शिक्षा)/शैक्षिक प्रौद्योगिकी में स्नातकोत्तर
डिप्लोमा एम.ए. (शिक्षा)/(पी.जी.डी.ई.टी.)
सत्रांत परीक्षा
जून, 2018

एम.ई.एस.-034 : पाठ्यसामग्री का रूपरेखा निर्माण

समय : 3 घण्टे

अधिकतम भारिता : 70%

- नोट : (i) सभी प्रश्नों के उत्तर देना अनिवार्य हैं।
(ii) सभी प्रश्नों की समान अधिभारिता है।

1. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।
“पाठ्यसामग्री के विकास और पाठ्यचर्या की योजना का पहला चरण शिक्षार्थी की आवश्यकताओं का निर्धारण करना है” चर्चा कीजिए।

अथवा

एक प्रभावी विडियो स्क्रिप्ट लिखने की प्रक्रिया की चर्चा कीजिए।

2. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।
शिक्षार्थी मूल्यांकन से आप क्या समझते हैं? शैक्षिक एवं गैर-शैक्षिक क्षेत्रों में मूल्यांकन के प्रक्रमों की चर्चा कीजिए।

अथवा

पाठ्यसामग्री विकास के प्रबंधन में सम्मिलित मुद्दों की पहचान एवं चर्चा कीजिए।

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

- (a) सक्षमता-आधारित पाठ्यक्रम की रूपरेखा बनाने की प्रक्रिया की चर्चा कीजिए।
- (b) पाठ्यचर्या की योजना बनाने और पाठ्यक्रम-डिज़ाइन के चरणों के दौरान मूल्यांकन की प्रक्रिया की चर्चा कीजिए।
- (c) किसी विडियो कार्यक्रम की विषयवस्तु का चयन करने के शैक्षिक (pedagogic) मानदंडों की चर्चा कीजिए।
- (d) किसी कम्प्यूटर पाठ्यसामग्री के शैक्षिक मूल्य का मूल्यांकन आप कैसे करेंगे?
- (e) शिक्षार्थी के द्वारा पाठ्यसामग्री के समुचित उपयोग को आप कैसे सुदृढ़ करेंगे?
- (f) ऑनलाइन लर्निंग मैनेजमेंट सिस्टम से आप क्या समझते हैं? वर्णन कीजिए।

4. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।
कंप्यूटर पाठ्यसामग्री को आप कैसे विकसित करेंगे? इसकी प्रक्रिया की चर्चा, उदाहरण देते हुए कीजिए।

No. of Printed Pages : 4

MES-034

02141

**MASTER OF ARTS (EDUCATION)/
POST GRADUATE DIPLOMA IN
EDUCATIONAL TECHNOLOGY M.A. (Edu.)/
(PGDET)**

Term-End Examination

December, 2018

MES-034 : DESIGNING COURSEWARE

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 attributes that a video medium courseware should possess for facilitating learning.

OR

Discuss the pedagogic considerations that are important for designing online instructions.

2. Answer the following question in about 600 words :
Describe the systems approach to courseware development.

OR

Explain the steps involved in developing a computer courseware.

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

- (a) Cataloguing, storage and retrieval of media courseware.
- (b) Steps for ensuring interactivity during teleconferencing.
- (c) Competency based courseware development.
- (d) Need for research for courseware development.
- (e) Formative evaluation of media courseware.
- (f) Peer and self assessment.

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

Identify three topics for developing audio programmes and three topics for developing video programmes. Select suitable format for each of these programmes and justify your choice of format.

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एम.ई.एस.-034

एम.ए. (शिक्षा)/शैक्षिक प्रौद्योगिकी में स्नातकोत्तर
डिप्लोमा एम.ए. (शिक्षा)/(पी.जी.डी.ई.टी.)

सत्रांत परीक्षा

दिसंबर, 2018

एम.ई.एस.-034 : पाठ्यसामग्री का रूपरेखा निर्माण

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 :
उन गुणों की चर्चा कीजिए जिन्हें एक विडियो मिडियम कोर्सवेयर
को अधिगम की सुविधा हेतु धारण करना चाहिए।

अथवा

ऑनलाईन अनुदेशनों के निर्माण हेतु महत्वपूर्ण शिक्षणशास्त्रीय
विचारों की चर्चा कीजिए।

2. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए :
कोर्सवेयर विकास हेतु प्रणाली उपागम का वर्णन कीजिए।

अथवा

कंप्यूटर कोर्सवेयर के विकास में सम्मिलित चरणों की व्याख्या
कीजिए।

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

- (a) मीडिया कोर्सवेयर की कैटलॉगिंग, भंडारण तथा प्राप्ति।
- (b) टेलिकॉन्फ्रेंसिंग के दौरान अंतःक्रिया के सुनिश्चयन हेतु पद।
- (c) दक्षता आधारित कोर्सवेयर विकास।
- (d) कोर्सवेयर विकास हेतु शोध की आवश्यकता।
- (e) मीडिया कोर्सवेयर का रचनात्मक मूल्यांकन।
- (f) सहपाठी एवं स्व-आंकलन।

4. निम्नलिखित प्रश्न का उत्तर लगभग **600 शब्दों** में दीजिए :

ऑडियो कार्यक्रम के विकास हेतु तीन प्रकरणों तथा विडियो कार्यक्रम के विकास हेतु तीन प्रकरणों की पहचान कीजिए। इन प्रत्येक कार्यक्रमों हेतु उचित संरचना का चयन कीजिए तथा अपनी संरचना के चयन का औचित्य बताइए।

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No. of Printed Pages : 4

MES-034

**MASTER OF ARTS (EDUCATION)/
POST GRADUATE DIPLOMA IN
EDUCATIONAL TECHNOLOGY
(M. A. (Edu.)/PGDET)**

Term-End Examination

June, 2019

MES-034 : DESIGNING COURSEWARE

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 :

Discuss the steps to be taken for effective utilisation of media courseware.

Or

Discuss the steps necessary for controlling the production of media courseware.

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

Describe the attributes of the tools used for evaluation of courseware.

[2]

MES-034

Or

Discuss the programme structure and visual treatment necessary for capturing the interest of audience for a video programme.

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

- (a) Care and protection of media courseware
- (b) Need assessment for developing programmes for media
- (c) Online learning management systems
- (d) Use of technology in assessment of learning
- (e) Techniques of content analysis
- (f) Organisation of content for courseware development

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

For an audio programme that you may like to develop; **formulate** instructional objectives, select a **format** and write a short script.

[3]

MES-034

एम. ई. एस.-034

एम. ए. (शिक्षा)/शैक्षिक प्रौद्योगिकी में
स्नातकोत्तर डिप्लोमा

[एम. ए. (शिक्षा)/पी. जी. डी. ई. टी.]

सत्रांत परीक्षा

जून, 2019

एम. ई. एस.-034 : पाठ्य सामग्री का रूपरेखा निर्माण

समय : 3 घण्टे

अधिकतम भारिता : 70%

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

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

मीडिया कोर्सवेयर के प्रभावी उपयोग हेतु उठाए जाने
वाले कदमों की चर्चा कीजिए।

अथवा

मीडिया कोर्सवेयर के उत्पादन नियंत्रण हेतु आवश्यक
चरणों की चर्चा कीजिए।

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

कोर्सवेयर के मूल्यांकन हेतु प्रयुक्त उपकरणों के गुणों
का वर्णन कीजिए।

[4]

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अथवा

एक वीडियो कार्यक्रम हेतु श्रोताओं की रुचि को ग्रहण करने हेतु कार्यक्रम संरचना तथा आवश्यक दृश्य व्यवहार की चर्चा कीजिए।

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

- (क) मीडिया कोर्सवेयर की देखभाल तथा संरक्षण।
- (ख) मीडिया हेतु कार्यक्रम विकास के लिए आकलन की आवश्यकता।
- (ग) ऑनलाइन अधिगम प्रबन्धन प्रणालियाँ।
- (घ) अधिगम के आकलन में प्रौद्योगिकी का प्रयोग।
- (ङ) विषयवस्तु विश्लेषण की तकनीक।
- (च) कोर्सवेयर विकास हेतु विषयवस्तु का संगठन।

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

एक ऑडियो कार्यक्रम हेतु जिसे आप विकसित करना चाहेंगे; अनुदेशनात्मक उद्देश्यों का निर्माण कीजिए, एक प्रारूप का चयन कीजिए तथा लघु पटकथा लिखिए।

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No. of Printed Pages : 4

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MES-034

**MASTER OF ARTS (EDUCATION)/POST
GRADUATE DIPLOMA IN EDUCATIONAL
TECHNOLOGY MA (Edu.) (PGDET)**

Term-End Examination,

December 2019

MES-034 : DESIGNING COURSEWARE

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.**

Describe the design considerations for audio and video programmes.

OR

Describe the steps to be followed for developing multimedia content.

- 2. Answer the following questions in about 600 words.**

What is Systems Approach? How can it be applied to courseware development?

OR

Discuss the techniques of courseware evaluation with reference to their impact.

(2)

3. Write short note on any four of the following in about 150 words each.
- a) Maintenance of courseware quality through evaluation.
 - b) Script testing and its need.
 - c) Need for framing objectives for courseware development.
 - d) Strengths and limitations of video medium.
 - e) Difference between formative and summative evaluation.
 - f) Storage and retrieval of courseware.

4. Answer the following question in about 600 words.

Suppose you have to develop an audio programme for teaching a particular topic, select the topic and describe the steps you will take.



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(3)

एम.ई.एस.-034

एम.ए.(शिक्षा)/शैक्षिक प्रौद्योगिकी में
स्नातकोत्तर डिप्लोमा एम.ए.(शिक्षा)/
(पी.जी.डी.ई.टी.)

सत्रांत परीक्षा,
दिसंबर 2019

एम.ई.एस. - 034 : पाठ्यसामग्री का रूपरेखा निर्माण

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।
ऑडियो और विडियो कार्यक्रमों के लिए डिज़ाइन सम्बन्धी विचारणीय बिंदुओं का वर्णन कीजिए।

अथवा

मल्टीमीडिया विषयवस्तु विकसित करने हेतु किन चरणों का अनुसरण करना जरूरी है? वर्णन कीजिए।

2. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।
प्रणाली (Systems) दृष्टिकोण क्या है? पाठ्यसामग्री विकास के सम्बन्ध में इसे कैसे लागू किया जा सकता है?

अथवा

पाठ्यसामग्री मूल्यांकन की तकनीकों की चर्चा इनके प्रभाव को ध्यान में रखते हुए कीजिए।

(4)

3. संक्षेप में किन्हीं चार पर नोट (प्रत्येक) लगभग 150 शब्दों में लिखिए।
- क). मूल्यांकन के माध्यम से पाठ्यसामग्री की गुणवत्ता का रखरखाव
 - ख) स्क्रिप्ट परीक्षण और इसकी आवश्यकता
 - ग) पाठ्यसामग्री विकास हेतु उद्देश्य निर्माण की आवश्यकता
 - घ) विडियो माध्यम की सबलताएँ एवं दुर्बलताएँ
 - च) निर्माणात्मक और योगात्मक मूल्यांकन के बीच का अन्तर
 - छ) पाठ्यसामग्री का स्टोरेज (भंडारण) एवं रिट्रिवल (पुनःप्राप्ति)
4. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।
- मान लीजिए आपको किसी खास विषयवस्तु को पढ़ाने के सम्बन्ध में एक ऑडियो कार्यक्रम विकसित करना है। विषयवस्तु का चयन कीजिए और इस सम्बन्ध में उठाए जाने वाले कदमों का वर्णन कीजिए।



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No. of Printed Pages : 6

MES-034

**MASTER OF ARTS
(EDUCATION)/POST GRADUATE
DIPLOMA IN EDUCATIONAL
TECHNOLOGY
MA (EDU)/PGDET
Term-End Examination**

June, 2020

MES-034 : DESIGNING COURSEWARE

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 :

Discuss the scholastic and non-scholastic areas
of learner's evaluation.

P. T. O.

[2]

MES-034

Or

Discuss the steps for managing courseware production.

2. Answer the following question in about 600 words :

Describe the tools used for evaluation of courseware.

Or

Discuss the main considerations for curriculum development for a courseware.

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

- (a) Media integration
- (b) Advantages of multimedia courseware
- (c) Need for field testing and feedback for courseware development
- (d) Distribution of courseware

[3]

MES-034

● Ensuring optimum utilization of courseware

(f) Designing interactivity in audio-video resources

4. Answer the following question in about 600 words :

Discuss the steps you will take for developing a video programme for a topic you want to teach.

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[4]

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MES-034

शिक्षा में परास्नातक/शैक्षिक तकनीकी में
परास्नातक डिप्लोमा

एम. ए. (शिक्षा)/पी. जी. डी. ई. टी.

सत्रांत परीक्षा

जून, 2020

एम.ई.एस.-034 : पाठ्यसामग्री का रूपरेखा निर्माण

समय : 3 घण्टे

अधिकतम भारिता : 70%

नोट : सभी प्रश्नों के उत्तर देना अनिवार्य हैं। सभी प्रश्नों
की भारिता समान है।

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

शिक्षार्थी मूल्यांकन के शैक्षिक एवं गैर-शैक्षिक क्षेत्रों की चर्चा कीजिए।

[5]

MES-034

अथवा

पाठ्यसामग्री निर्माण के प्रबंधन हेतु उठाए जाने वाले कदमों की चर्चा कीजिए।

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

पाठ्यसामग्री मूल्यांकन हेतु आवश्यक विविध साधनों (tools) का वर्णन कीजिए।

अथवा

पाठ्यसामग्री हेतु पाठ्यचर्या विकास सम्बन्धी मुख्य विचारणीय बिन्दुओं की चर्चा कीजिए।

3. संक्षेप में किन्हीं चार पर टिप्पणियाँ (प्रत्येक) लगभग 150 शब्दों में लिखिए :

(क) मीडिया समावेशन

(ख) मल्टीमीडिया पाठ्यसामग्री के लाभ

[6]

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(ग) पाठ्यसामग्री विकास के संबंध में क्षेत्र (फील्ड)

परीक्षण एवं प्रतिपुष्टि की आवश्यकता

(घ) पाठ्यसामग्री का वितरण

(ङ) पाठ्यसामग्री का सर्वश्रेष्ठ उपयोग सुनिश्चित करना

(च) ऑडियो-वीडियो संसाधनों में अंतःक्रियात्मकता
का रूपरेखा निर्माण

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

अपनी पसंद की किसी विषयवस्तु को पढ़ाने के संबंध

में वीडियो कार्यक्रम विकसित करते समय आपके द्वारा

उठाए जाने वाले कदमों की चर्चा कीजिए।

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M01972

MES-034

**MASTER OF ARTS (EDUCATION)/POST
GRADUATE DIPLOMA IN EDUCATIONAL
TECHNOLOGY MA (Edu.) (PGDET)**

Term-End Examination,

December 2019

MES-034 : DESIGNING COURSEWARE

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.**

Describe the design considerations for audio and video programmes.

OR

Describe the steps to be followed for developing multimedia content.

- 2. Answer the following questions in about 600 words.**

What is Systems Approach? How can it be applied to courseware development?

OR

Discuss the techniques of courseware evaluation with reference to their impact.

(2)

3. Write short note on any four of the following in about 150 words each.
- a) Maintenance of courseware quality through evaluation.
 - b) Script testing and its need.
 - c) Need for framing objectives for courseware development.
 - d) Strengths and limitations of video medium.
 - e) Difference between formative and summative evaluation.
 - f) Storage and retrieval of courseware.

4. Answer the following question in about 600 words.

Suppose you have to develop an audio programme for teaching a particular topic, select the topic and describe the steps you will take.



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(3)

एम.ई.एस.-034

एम.ए.(शिक्षा)/शैक्षिक प्रौद्योगिकी में
स्नातकोत्तर डिप्लोमा एम.ए.(शिक्षा)/
(पी.जी.डी.ई.टी.)

सत्रांत परीक्षा,
दिसंबर 2019

एम.ई.एस. - 034 : पाठ्यसामग्री का रूपरेखा निर्माण

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।
ऑडियो और विडियो कार्यक्रमों के लिए डिज़ाइन सम्बन्धी विचारणीय बिंदुओं का वर्णन कीजिए।

अथवा

मल्टीमीडिया विषयवस्तु विकसित करने हेतु किन चरणों का अनुसरण करना जरूरी है? वर्णन कीजिए।

2. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।
प्रणाली (Systems) दृष्टिकोण क्या है? पाठ्यसामग्री विकास के सम्बन्ध में इसे कैसे लागू किया जा सकता है?

अथवा

पाठ्यसामग्री मूल्यांकन की तकनीकों की चर्चा इनके प्रभाव को ध्यान में रखते हुए कीजिए।

(4)

3. संक्षेप में किन्हीं चार पर नोट (प्रत्येक) लगभग 150 शब्दों में लिखिए।
- क). मूल्यांकन के माध्यम से पाठ्यसामग्री की गुणवत्ता का रखरखाव
 - ख) स्क्रिप्ट परीक्षण और इसकी आवश्यकता
 - ग) पाठ्यसामग्री विकास हेतु उद्देश्य निर्माण की आवश्यकता
 - घ) विडियो माध्यम की सबलताएँ एवं दुर्बलताएँ
 - च) निर्माणात्मक और योगात्मक मूल्यांकन के बीच का अन्तर
 - छ) पाठ्यसामग्री का स्टोरेज (भंडारण) एवं रिट्रिवल (पुनःप्राप्ति)
4. निम्नलिखित प्रश्न का उत्तर लगभग 600 शब्दों में दीजिए।
- मान लीजिए आपको किसी खास विषयवस्तु को पढ़ाने के सम्बन्ध में एक ऑडियो कार्यक्रम विकसित करना है। विषयवस्तु का चयन कीजिए और इस सम्बन्ध में उठाए जाने वाले कदमों का वर्णन कीजिए।



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