

No. of Printed Pages : 2

MDE-412

M.A. DISTANCE EDUCATION

Term-End Examination

December, 2012

MDE-412 : INSTRUCTIONAL DESIGN

For students of January 2012 and Onwards

Time : 3 hours

Maximum Weightage : 75%

Note : (i) Attempt *all* the *three* questions.
(ii) All the *three* questions carry *equal* weightage.

1. Answer *any one* of the following questions in about **1200** words :

- (a) Describe the general characteristics of distance learners. Explain the importance of analysing the needs of learners for designing instructional materials.
- (b) Explain the different steps of Dick, Carey and Carey (2001) model in instructional design. Support your answer with illustrations. Discuss how these steps could be customized to design printed learning materials.

2. Answer *any four* of the following questions in about **300** words each.

- (a) Define the term 'instruction'. Discuss the four levels of designing instruction.

- (b) Write the educational implications of 'Constructivism' for the design and delivery of instruction.
- (c) Describe the factors determining the selection of different types of media in distance education.
- (d) State the instructional strategies for e-learning.
- (e) Discuss the Kirkpatrick's Evaluation model. Explain any one level with the help of suitable examples.
- (f) Differentiate between intrinsic cognitive load and extraneous cognitive load used in cognitive load theory (CLT).

3. Answer *any one* of the following questions in about 1200 words :

- (a) Identify the steps in the instructional design process and implement them to design distance teaching materials. Support your answer with a sample of unit design.
 - (b) Describe David Kolb's experiential learning cycle with the help of illustrations.
-

No. of Printed Pages : 2

MDE-412

M.A. DISTANCE EDUCATION

Term-End Examination

June, 2013

MDE-412 : INSTRUCTIONAL DESIGN

For students of January 2012 and Onwards

Time : 3 hours

Maximum Weightage : 75%

- Note :*
- (i) *Attempt all the three questions.*
 - (ii) *All the three questions carry equal weightage.*

1. Answer any one of the following questions in about 1200 words :

- (a) Describe the 'analysis' phase of designing a training programme in open and distance education system. Support your answer with suitable examples.
- (b) Explain the steps of Dick, Carey and Carey (2001) model in instructional design. Discuss how these steps could be customized to design distance teaching materials.

2. Answer any four of the following questions in about 300 words each :

- (a) List Gagne's steps of instruction. Discuss their implications for instructional design.
- (b) State the conditions of motivation in learning with the help of Keller's Motivation Design Model.

- (c) Explain the various components of multiple intelligence.
- (d) Write the educational implications of four-component/instructional design (4-c/ID) model.
- (e) Enumerate the factors determining the selection of different types of media in distance education.
- (f) Differentiate between general and specific instructional objectives.

3. Answer **any one** of the following questions in about **1200** words :

- (a) Explain the various techniques of assessment of student's performance in the context of open and distance education system.
 - (b) Discuss various learning styles and their characteristics. Explain their implications for designing instructional events in distance teaching materials.
-

No. of Printed Pages : 2

MDE-412

M.A. DISTANCE EDUCATION

Term-End Examination

December, 2013

MDE-412 : INSTRUCTIONAL DESIGN

For students of January 2012 and Onwards

Time : 3 hours

Maximum Weightage : 75%

*Note : (i) Attempt all the **three** questions.*

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

1. Answer **any one** of the following questions in about **1200** words :

- (a) Describe the applications of Behaviouristic school of thought in designing instruction for distance learning.
- (b) Explain the systems approach to course planning with the help of an appropriate illustration.

2. Answer **any four** of the following questions in about **300** words each :

- (a) Define the term 'instructional design' and state the purposes of instructional design models in distance education.
- (b) Differentiate between the deep and surface approaches to learning.
- (c) Discuss the stages of information processing model.

- (d) Discuss the 'ASSURE' model of instructional design.
- (e) Describe the features of e-learning.
- (f) Differentiate between 'Education' and 'Training'.

3. Answer **any one** of the following questions with in **1200** words :

- (a) Describe the characteristics of Problem-Based Learning (PBL) and discuss the four key stages in the design of problem-based learning tasks.
- (b) Discuss how a self-learning unit is designed with the help of an example of a sample unit choosing a subject of your own choice.

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No. of Printed Pages : 2

MDE-412

M.A. DISTANCE EDUCATION

Term-End Examination

June, 2014

MDE-412 : INSTRUCTIONAL DESIGN

For students of January 2012 and Onwards

Time : 3 hours

Maximum Weightage : 75%

Note : (i) Attempt *all* the *three* questions.

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

1. Answer **any one** of the following questions in about 1200 words :

- (a) Discuss the ten steps for the four - component [4C] instructional design model. Explain their implications for designing a unit for self-learning.
- (b) Describe the contributions of theories of learning for designing multimedia.

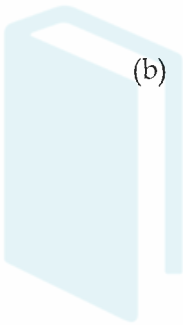
2. Answer **any four** of the following questions in about 300 words each.

- (a) Define the term 'learning resources'. Discuss the processes of designing learning resources which are inclusive as well as accessible.
- (b) Explain Gagne's steps of instruction. Discuss briefly their implications in designing instruction.
- (c) Explain the SOLO Taxonomy of learning outcomes.

- (d) Discuss the implication of multiple intelligence theory in designing instruction.
- (e) Discuss the steps of Dick and Carey model with the help of an illustration.
- (f) Describe the factors determining the selection of media in distance education.

3. Answer **any one** of the following within **1200** words.

- (a) Discuss how the self learning unit is designed with the help of an example of a sample unit choosing a subject of your own choice.
- (b) Explain various techniques of assessment of students performance in the context of open and distance learning.



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No. of Printed Pages : 2

MDE-412

M.A. DISTANCE EDUCATION

Term-End Examination

00535

December, 2014

MDE-412 : INSTRUCTIONAL DESIGN

For Students of January 2012 and Onwards

Time : 3 hours

Maximum Weightage : 75%

Note : Attempt all the **three** questions. All the three questions carry equal weightage.

1. Answer any **one** of the following questions in about 1200 words :

- (a) Describe the various components of multiple intelligence with examples. Discuss their implications for designing instruction.
- (b) Explain the different phases of ADDIE approach to instructional design with an illustration.

2. Answer any **four** of the following questions in about 300 words each :

- (a) Discuss the principles of cognitive flexibility theory used in instructional design.
- (b) Discuss the characteristics of distance learners. Justify why an instructional designer has to consider these characteristics while designing instructional materials.
- (c) Describe the Dunn and Dunn learning style model. Discuss its implications for designing instruction.
- (d) Differentiate between formative and summative assessment in Open and Distance Learning.
- (e) What are the principles in the selection of media while designing instruction ?
- (f) List the steps involved in Rapid Prototype Instructional Design (RPID).

3. Answer any **one** of the following questions in about 1200 words :

- (a) Describe the process of designing a unit for self-learning print materials. Critically discuss the need for self-learning print materials in distance learning.
- (b) Describe the steps involved in designing e-learning.

No. of Printed Pages : 2

MDE-412

01278

M.A. DISTANCE EDUCATION
Term-End Examination
June, 2015
MDE-412 : INSTRUCTIONAL DESIGN

For students of January 2012 and Onwards

Time : 3 hours

Maximum Weightage : 75%

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

1. Answer the following question in about 1200 words :
Describe the theoretical foundations of the four-component instructional design model. Discuss their implications for designing instruction.

OR

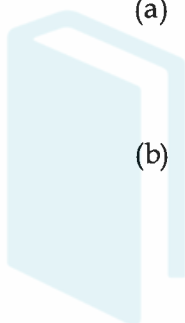
What are the different techniques used for student assessment ? Give examples of different types of objective tests.

2. Answer **any four** of the following questions in about **300** words each :
- (a) Discuss the advantages of handouts as learning resources.
 - (b) List the steps involved in Rapid Prototype Instructional Design (RPID).

- (c) Discuss the principles of media selection in designing instruction.
- (d) Describe the attributes of e-learning.
- (e) Describe the process of systems approach followed in distance learning.
- (f) Discuss the Myers-Briggs Type Indicator (MBTI) for assessing learning styles of the distance learners.

3. Answer **any one** of the following questions within **1200** words :

- (a) Describe the theoretical foundations of designing multimedia. Discuss the various components of instructional design in multimedia.
- (b) Describe the process of designing a unit of self-learning print materials. Prepare a self-learning unit identifying a topic of your choice from your subject area.



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MDE-412

M.A. DISTANCE EDUCATION

Term-End Examination

December, 2015

MDE-412 : INSTRUCTIONAL DESIGN

For students of January 2012 and Onwards

Time : 3 hours

Maximum Weightage : 75%

Note : (i) Attempt *all* the *three* questions.

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

1. Answer **any one** of the following questions in about **1200** words :

- (a) Discuss the constructivist theory of learning in the context of distance learning. Differentiate between the constructivist and behaviourist theories of learning.
- (b) Describe Ausubel's information processing model of learning. Discuss the contributions of Ausubel's theory for designing distance learning materials.

2. Answer **any four** of the following questions in about **300** words each :

- (a) Discuss the fundamental component of ARCS model of motivation of Keller.
- (b) Explain the salient features of SOLO taxonomy.

- (c) Discuss the ways to address learner's diversity through distance learning material.
- (d) Differentiate between norm-referenced and criterion referenced tests.
- (e) Describe the four levels of Kirpatrick model of student assessment.
- (f) Discuss the implications of multiple intelligence theory for distance education.

3. Answer **any one** of the following questions within **1200** words :

- (a) You are asked to design distance learning materials for distance learners. Develop a self - learning unit (print), selecting a topic from your discipline.
- (b) Describe the components of instructional design in multimedia. What are its implications in developing multimedia ? Explain with suitable examples.

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No. of Printed Pages : 2

MDE-412

01260

MLA. DISTANCE EDUCATION

Term-End Examination

June, 2016

MDE-412 : INSTRUCTIONAL DESIGN

For students of January 2012 and Onwards

Time : 3 hours

Maximum Weightage : 75%

Note : (i) *Attempt all the three questions.*

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

1. Answer any one of the following questions in about 1200 words.

- (a) What is cognitive view of learning ? Discuss the implications of cognitivist approach for designing materials for distance learning.
- (b) What do you mean by multimedia ? Explain the contributions of theories of learning to designing multimedia for distance learning.

2. Answer any four of the following questions in about 300 words each.

- (a) Explain the types of cognitive load theory.
- (b) Discuss the salient features of Gardner's theory of multiple intelligence.

- (c) Discuss the characteristics of a good tool of evaluation.
- (d) Discuss the factors which influence selection of appropriate learning resources in open and distance learning.
- (e) Discuss the principles of selection of media in distance learning.
- (f) Explain variety of exercises in distance learning materials with suitable examples.

3. Answer any one of the following questions within 1200 words.

- (a) Explain the ADDIE approach of instructional design. Give suitable examples and illustrations to support your answer.
- (b) Discuss Bloom's taxonomy of learning. Explain its contributions to the design of distance learning materials.

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No. of Printed Pages : 2

MDE-412

M.A. DISTANCE EDUCATION

Term-End Examination

December, 2016

MDE-412 : INSTRUCTIONAL DESIGN

For students of January 2012 and Onwards

Time : 3 hours

Maximum Weightage : 75%

Note : Attempt all the three questions. All the three questions carry equal weightage.

1. Answer **any one** of the following questions in about **1200** words :

- (a) 'The role of distance teacher is more challenging than the conventional teacher.' Do you agree with this statement? Explain how a distance teacher can overcome these challenges through instructional design.
- (b) Discuss major principles which play crucial role in facilitating learners to construct their own knowledge. Explain how these principles can be used in instructional design for ODL system.

2. Answer **any four** of the following questions in about **300** words each :

- (a) Discuss the techniques of cognitive task analysis with suitable examples.

- (b) Discuss ARCS model of motivation and its implications for designing instructions.
- (c) Explain Kirk Patrick's model of evaluation and its significance for Open and Distance learning.
- (d) Explain the basic concepts on which 4C/1D model is based.
- (e) Describe systems approach to course planning. Discuss the steps of systems approach with examples.
- (f) List the steps involved in analysis phase of instructional design for training.

3. Answer **any one** of the following questions in about **1200** words :

- (a) Discuss the steps involved in designing a unit. Develop a unit on any topic of your choice.
- (b) Discuss various types of learning resources. Select any topic of your choice and develop handouts for distance learners.

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No. of Printed Pages : 2

MDE-412

00494

M.A. DISTANCE EDUCATION

Term-End Examination

June, 2017

MDE-412 : INSTRUCTIONAL DESIGN

For students of January 2012 and Onwards

Time : 3 hours

Maximum Weightage : 75%

Note : Attempt all the three questions. All the three questions carry equal weightage.

1. Answer any one of the following questions in about 1200 words :

(a) Discuss information processing theory and its implications for designing materials.

(b) 'Constructivism is a theory based on observation and scientific study about how people learn.' Justify this statement and explain how constructivist learning can be used in designing instruction for open and distance learning (ODL).

2. Answer any four of the following questions in about 300 words each :

(a) Discuss the components of Elaboration theory.

- (b) Explain Different types of cognitive loads. Describe how it affects the instructional design.
- (c) Discuss the need of learner analysis in designing instruction. How can learner analysis be undertaken ? Explain with examples.
- (d) Differentiate between Structure of Observed Learning Outcomes (SOLO) and Bloom's taxonomy of learning outcomes.
- (e) Explain various forms of assessment techniques in Distance education.
- (f) Discuss the design phase in ADDIE approach. Discuss its implications for designing instructions.

3. Answer **any one** of the following questions in about 1200 words :

- (a) Critically examine the need of analysis phase for developing instructional design for training. How will you use the information collected from analysis in designing training ? Discuss with examples.
 - (b) Describe the steps involved in designing instruction through multimedia.
-

No. of Printed Pages : 2

MDE-412

00222

M.A. DISTANCE EDUCATION

Term-End Examination

December, 2017

MDE-412 : INSTRUCTIONAL DESIGN

Time : 3 hours

Maximum Weightage : 75%

Note : Attempt all the three questions. All the three questions carry equal weightage.

1. Answer any one of the following questions in about 1200 words :
 - (a) Explain Robert M. Gagne's views on instructional events and their relation to learning process. Discuss the implications of Gagne's views for designing instructional materials for distance learners.
 - (b) What is 'Behaviourism' ? Discuss the applications of Behaviourism for designing instruction for distance learners. Support your answer with examples.
2. Answer any four of the following questions in about 300 words each :
 - (a) Explain the concept 'instruction'. Discuss Merrill's principles of instruction with illustrations.
 - (b) Discuss the applications of 'Cognitive Load Theory' (CLT) for designing instructional materials for distance learners.

- (c) Describe the applications of four components instructional design (4C/ID) model with reference to Wiki skills training with examples.
- (d) What is a 'story board' ? Describe the basic components involved in writing a story board.
- (e) Differentiate between 'aims' and 'objectives'. Discuss how learning outcomes are formulated while designing a self-learning unit for distance learners.
- (f) Discuss the guidelines followed by an instructional designer while designing multi-media for distance learners.

3. Answer **any one** of the following questions within 1200 words :

- (a) You are asked by a distance education institution to write a self-learning unit for distance learners. Prepare a self-learning unit (print) selecting a topic from your discipline and state the level and target audience.
 - (b) Describe the different phases of designing e-learning. Support your answer with illustrations.
-

No. of Printed Pages : 2

MDE-412

01132

M.A. DISTANCE EDUCATION

Term-End Examination

June, 2018

MDE-412 : INSTRUCTIONAL DESIGN

Time : 3 hours

Maximum Weightage : 75%

Note : (i) Attempt all the three questions.

(ii) All the three questions carry equal weightage.

1. Answer any one of the following questions in about 1200 words :

- (a) What is Cognitivism ? Discuss the contributions of cognitivism for designing instructional materials in open and distance learning.
- (b) Explain the concept 'Instructional Design'. Discuss the purposes of instructional design in open and distance learning and describe the tasks involved in instructional design.

2. Answer any four of the following questions in about 300 words each :

- (a) Discuss the implications of Cognitive Flexibility Theory (CFT) for designing instructional materials in open and distance learning.

- (b) What is Learning Style ? Describe the Dunn and Dunn learning style model considering the instructional preferences of distance learners.
 - (c) Describe the concept 'Learning Outcome'. Explain the three components of learning outcomes with suitable examples.
 - (d) Discuss different types of handouts. Explain the guidelines followed while designing handouts for distance learners.
 - (e) Discuss the three phases of PIE (Planning, Implementation and Evaluation) approach used for designing instructional materials in open and distance learning.
 - (f) Discuss the skills required for participating in online discussion group.
3. Answer any one of the following questions within 1200 words :
- (a) Discuss the purposes of assessment of Student's performance. Discuss different types of assessment of Student's performance in open and distance education.
 - (b) You are asked by a distance education institution to write a self-learning unit (print). Prepare a self-learning unit selecting a topic from your discipline and state the level and target audience.
-

No. of Printed Pages : 2

MDE-412

00555

M.A. DISTANCE EDUCATION

Term-End Examination

December, 2018

MDE-412 : INSTRUCTIONAL DESIGN

Time : 3 hours

Maximum Weightage : 75%

Note : (i) Attempt all the three questions.

(ii) All the three questions carry equal weightage.

1. Answer any one of the following questions in about 1200 words :

- (a) Do you think the multimedia approach to learning will help in catering to the differing learning styles of the learners ? Substantiate your answer with illustrations.
- (b) Discuss the various types of assessment and suggest the ways to improve the validity and reliability of assessment.

2. Answer any four of the following questions in about 300 words each :

- (a) Describe the typical characteristics of a learner, who adopts the 'deep approach' to learning.
- (b) Discuss Piaget's contribution towards the theory of learning.
- (c) Explain the instructional design model of Smith and Ragan.
- (d) What is meant by story bonding in the context of instructional design ?

- (e) What is 'elaboration theory of instruction' ? List its components.
- (f) Explain the implications of multiple intelligencies theory for instructional design in the ODL context.

3. Answer **any one** of the following questions within **1200** words :

- (a) How do you describe e-learning ? Discuss the different types of e-learning and the steps involved in designing e-learning materials.
- (b) Suppose that you have been given an opportunity to design a Bachelor's Degree Programme in your discipline for distance learners. Which of the ID models would you select and why ?

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01869

No. of Printed Pages : 2

MDE-412

M.A. DISTANCE EDUCATION

Term-End Examination, 2019

MDE-412 : INSTRUCTIONAL DESIGN

Time : 3 Hours]

[Maximum Weightage : 75 %

Note : Attempt all three questions. All three questions carry equal weightage.

1. Answer **any one** of the following questions in about **1200** words :

(a) Do you think Bloom's Taxonomy is useful for designing instructional materials for ODL ?

Substantiate your answer with suitable arguments.

(b) Critically evaluate the concept of systems approach to curriculum design in ODL.

2. Answer **any four** of the following questions in about **300** words each :

(a) Explain the differences between 'learning' and 'instruction'.

- (b) What are the nine steps of instruction propounded by Gagne' ?
- (c) Explain the implications of instructional psychology on instructional design.
- (d) Can we use the terms 'Curriculum design' and 'Instructional design' synonymously ? Substantiate.
- (e) Illustrate Bruner's theory of instruction.
- (f) Analyse the distance learnness on the basis of learning styles.

3. Answer **any one** of the following questions with in **1200** words :

- (a) Discuss the processes involved in the design of print materials and multimedia materials with particular reference to e-content.
- (b) Suppose that you have recently designed a programme in your field of specialization to be offered at a distance. Now you are being asked to develop a plan for the design, production and evaluation of additional resource materials. Explain the processes involved in this task.

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No. of Printed Pages : 3

MDE-412

M.A. DISTANCE EDUCATION

Term-End Examination, 2019

MDE-412 : INSTRUCTIONAL DESIGN

Time : 3 Hours]

[Maximum Weightage : 75%

Note : Attempt **all three** questions. All the **three** questions carry **equal weightage**.

Note : Answer **any one** of the following questions in **about 1200** words :

1. (a) Discuss the principles of Constructivism. Describe how these principles are used in facilitating distance learners to construct their own knowledge. Explain the implications of constructivism in designing instruction in ODL.
- (b) What is e-Learning ? Describe the essential elements for designing an e-Learning course for distance learners with examples.

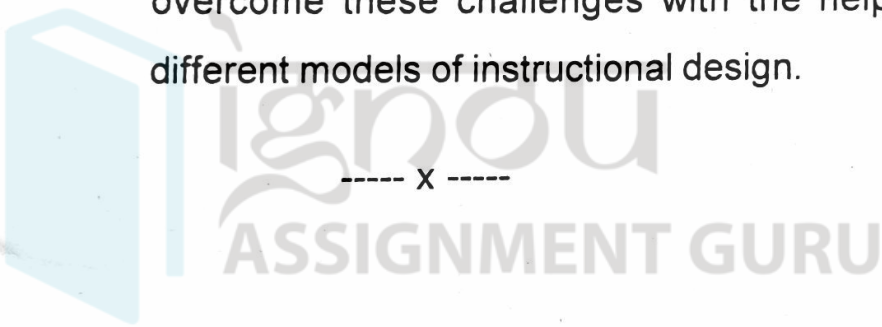


Note : Answer **any four** of the following questions in **about 300** words each :

2. (a) Explain Kirkpatrick's levels of assessment with its significance in the context of open learning.
- (b) Describe systems approach to course planning. Discuss the steps of systems approach with an illustration.
- (c) List the steps involved in Revised Bloom's taxonomy. (Anderson et al, 2001). Discuss its implications for designing instructional materials in ODL.
- (d) Explain the 'design' phase in ADDIE approach. Discuss its importance for designing self-learning materials for distance learners.
- (e) Discuss the principles of media selection.
- (f) Describe the needs of analysis of learners in designing instruction.

Note : Answer **any one** of the following questions in **about 1200** words :

3. (a) Discuss various types of learning resources used in ODL. Select any topic of your choice and develop handout for distance learners.
- (b) Designing 'Self-learning' study materials for distance learners is a challenging task. Explain how an instructional designer can help to overcome these challenges with the help of different models of instructional design.



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No. of Printed Pages : 2

MDE-412

M.A. DISTANCE EDUCATION

Term-End Examination

MDE-412: INSTRUCTIONAL DESIGN

Time : 3 Hours]

[Maximum Weightage: 75%

Note: Attempt all three questions. All the three questions carry equal weightage.

1. Answer any one of the following question in about 1200 words.
 - a. Discuss the needs and importance of assessment in open and distance learning. Differentiate between formative and summative assessment of learning. Describe how formative assessment is carried out while designing instructional materials in ODL institutions.
 - b. What is multimedia? Explain how different theories of learning contribute for designing multimedia for distance learners.
2. Answer any one of the following questions within 300 words each:
 - a Explain information processing theory and discuss its implications for designing self-



learning materials.

- b. Differentiate between structure of observed learning outcomes (SOLO) and Bloom's taxonomy of learning outcomes.
- c. Describe the roles and responsibilities of an instructional designer while designing instructions for distance learners.
- d. Discuss the significance of access devices in self- learning materials.
- e. Describe the implications of behaviouristic theory in the context of designing materials for distance learning.
- f. What is the significance of assessing specific needs of designing a curriculum in ODL.

3. Answer any one of the following questions in about 1200 words:

- a. What is a storyboard? Discuss its significance in designing instruction. Develop a story board selecting a topic of your choice for distance teaching.
- b. Discuss the nine events of R.M.Gagne's theory of instruction. Explain its implications for open and distance learning

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M.A. DISTANCE EDUCATION (MADE)

Term-End Examination

February, 2021

MDE-412 : INSTRUCTIONAL DESIGN

Time : 3 hours

Weightage : 75%

Note : Attempt all the **three** questions. All the three questions carry equal weightage.

1. Answer any **one** of the following questions in about 1200 words :

- (a) Describe the major principles which play a crucial role in facilitating distance learners to construct their own knowledge. Explain how these principles can be used for designing instructional materials for distance learners.
- (b) Discuss various steps of Dick and Carey model of instructional design with illustrations. Explain the implications of these steps for designing distance learning materials.

2. Answer any **four** of the following questions in about 300 words each :

- (a) Describe the role of an instructional designer while designing instructional materials for distance learning.
- (b) Explain different steps of Kolb's learning cycle with illustrations. Discuss briefly their implications for designing instructional materials for distance learning.
- (c) Discuss different phases of 'ASSURE' model of instructional design with examples. Describe briefly its implications for designing instructional materials in ODL.
- (d) What are the different quality assurance mechanisms carried out while designing e-learning.
- (e) Discuss the applications of Cognitive Load Theory (CLT) for designing instruction in the context of open and distance education. Give examples.
- (f) Explain 'Information Processing Theory'. Discuss briefly its implications for designing instruction in distance learning.

3. Answer any **one** of the following questions in about 1200 words :

- (a) Describe the various steps of ADDIE approach. Discuss how this approach is applied for designing multimedia pertaining to distance learning.
- (b) Discuss the necessity for analysing distance learners in designing instruction. Develop a questionnaire for need analysis of distance learners.



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