

No. of Printed Pages : 2

MDE-415

**MASTER OF ARTS (DISTANCE EDUCATION)
M.A. (DE)**

Term-End Examination

December, 2013

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 hours

Weightage : 75%

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

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

- (a) Describe the various sources of identifying a research problem. Select a problem and write objectives of the research problem.
- (b) Compare the research findings of studies in the area of Growth of Distance Education in India and International Research.

2. Answer any four in about 300 words each :

- (a) Describe the four stages of Action Research.
- (b) Differentiate between probability sampling and non probability sampling.
- (c) Compare structured questions with unstructured questions.

- (d) Explain the limitations of observation method.
- (e) Differentiate between nominal scale and ordinal scale.

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

- (a) List the three main parts of the Research Report. Describe any one in detail.
- (b) You have to evaluate a research report. Describe the criteria to evaluate the objectives and research instruments.



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MDE-415

**MASTER OF ARTS (DISTANCE EDUCATION)
M.A. (DE)**

Term-End Examination

June, 2014

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 hours

Weightage : 75%

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

1. Answer **any one** of the following in about **1200** words :
 - (a) Differentiate between 'Pre - experimental, True Experimental and Quasi Experimental design of Experimental study.
 - (b) You have to study "distance education system in your institution": Describe the main steps of the case study method.
2. Answer **any four** of the following in about **300** words each :
 - (a) List the main steps of conducting descriptive research.
 - (b) Differentiate between incidental sample and Quata sample.

- (c) Compare structured interview with unstructured interview.
- (d) Describe the limitations of texts.
- (e) Differentiate between interval scale and Ratio scale.

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

- (a) You have to evaluate a research report. Describe the criteria to evaluate the research design and sample.
- (b) Describe how with you ensure the quality of Data.



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MDE-415

M.A. DISTANCE EDUCATION

Term-End Examination

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December, 2014

MDE-415 : RESEARCH FOR DISTANCE EDUCATION

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) Compare the findings of the research studies conducted on 'Distance learners' in India with the international perspective.

(b) Describe the characteristics of a probability sample. Discuss with examples, any two methods of probability sampling.

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

(a) Discuss the advantages and disadvantages of rating scale as a research tool.

(b) Differentiate between fundamental and applied research.

- (c) Discuss with examples the ethical issues in research related to Distance Education.
- (d) Describe any two levels of theorizing in research for Distance Education.
- (e) Compare between the closed and open-ended questionnaires as research tools.
- (f) Describe the stages involved in the experimental research.

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

- (a) Discuss the process of organization of qualitative data in research. Describe any two methods of analysis of qualitative data.
 - (b) Discuss the three characteristics of a good research tool. Describe the different methods to assess the reliability of a tool.
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MDE-415

MASTER OF ARTS (DISTANCE EDUCATION)

M.A. (DE)

Term-End Examination

June, 2015

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 hours

Weightage : 75%

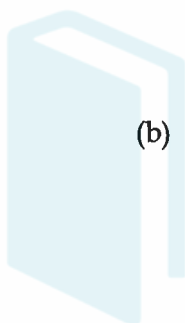
- Note :**
- (i) *Attempt all the three questions.*
 - (ii) *All questions carry equal weightage.*

1. Answer **any one** of the following questions in about **1200** words :
 - (a) What are the findings of the research studies conducted on 'instructional processes' of distance education in India ?
 - (b) Explain the two processes 'external criticism' and 'internal criticism' of historical research. Describe the steps involved in conducting historical research.
2. Answer **any four** of the following in about **300** words each :
 - (a) Describe the characteristics of a good sample.
 - (b) Discuss any three elements of critical social research.
 - (c) Explain the need for conducting research in distance education.

- (d) Describe the specific academic issues to be considered while writing a research report.
- (e) Discuss the measures of central tendency with examples and their uses in research.
- (f) Enumerate the characteristics of case study method in research for distance education.

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

- (a) Discuss the purposes of observation in research. Describe different procedures involved in recording observation while conducting research.
- (b) Compare the methodological components pertaining to applied and action research. Discuss the different stages for conducting action research in Distance Education.



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Term-End Examination

December, 2015

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 hours

Weightage : 75%

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

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

Describe briefly various forms of hypothesis. Explain with examples how hypothesis is formulated in different types of research.

OR

Explain the dimensions of research in distance education. Identify and discuss the research gaps in each of these dimensions.

2. Answer **any four** in about 300 words each :

- (a) Differentiate between external and internal criticism in historical research.
- (b) Explain why naturalistic studies face the issue of subjectivity.
- (c) Describe the characteristics of normal probability curve.
- (d) Explain the guidelines for evaluating a research report.

- (e) Differentiate between criteria related validity and construct validity, with the help of suitable examples.
- (f) Differentiate between cluster sampling and multistage sampling.

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

Identify a research problem and describe how you will plan and execute 'observation' as a technique of data collection.

OR

Differentiate between structured and unstructured questionnaire. Explain how you will evaluate a good questionnaire.

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MASTER OF ARTS (DISTANCE EDUCATION)

M.A. (DE)

Term-End Examination

June, 2016

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 hours

Weightage : 75%

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

Answer **any one** of the following in about 1200 words each.

1. Explain the limitations of applying scientific approach in educational research. Support your answer with suitable illustrations.

OR

Differentiate between probability and non-probability sampling. Explain any three types of probability sampling, with the help of suitable examples.

2. Answer **any four** in about 300 words each.
 - (a) Elaborate any one dimension of research in distance education.
 - (b) Explain the measures of 'central tendency'.
 - (c) Highlight the important points to be kept in mind, while evaluating a research report.

- (d) Compare declarative and null hypothesis with suitable examples.
- (e) What is a sociogram ? How will you use sociometric technique in research ?
- (f) Differentiate between structured and unstructured questionnaire.

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

- 3. Identify a research problem and explain how you will solve it by using a case study method.

OR

Identify a research problem of naturalistic inquiry. Explain the steps you will follow to solve the identified problem.

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**MASTER OF ARTS (DISTANCE EDUCATION)
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Term-End Examination

December, 2016

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 hours

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 various approaches to Research in Distance Education with the help of examples.

(b) What is the role of Descriptive Research in Distance Education ? Discuss with the help of examples.

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

(a) Differentiate between probability and non-probability sampling.

(b) Discuss the criteria for evaluating a research report.

(c) Discuss characteristics of any research activity.

- (d) Write a short note on "Content Analysis".
- (e) Discuss the role of computers in Research in Distance Education
- (f) What is case study method ? Explain with the help of examples.

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

- (a) "Reporting of any research activity is as important as doing the research itself". Do you agree ? Explain the main components involved in writing a research report.
- (b) What are the major research tools used for data-gathering in Distance Education ? Discuss any two with help of examples.



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MDE-415

**MASTER OF ARTS (DISTANCE EDUCATION)
M.A. (DE)**

Term-End Examination

June, 2017

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 hours

Weightage : 75%

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

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

- (a) 'Problem identification is the first step towards good research.' Justify your answer with reference to the issues related to formulation of a research problem.
- (b) Discuss the elements and approaches of critical social research with the help of suitable examples.

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

- (a) Write a short note on Scientific nature of Case study method.
- (b) Discuss the characteristics of normal probability curve.
- (c) Discuss the characteristics of a good hypothesis.
- (d) Differentiate between parametric and non-parametric tests.

- (e) Write a short note on various approaches to Distance Education research.
- (f) Discuss the various characteristics of a good research tool.

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

- (a) Discuss the criteria you will use to evaluate a research report. Use suitable examples to illustrate your answer.
- (b) Eleven (11) learners of MADE programme had scored the following marks in their Theory paper and Project work. Is there any relationship between the two set of marks ? Calculate and Interpret Pearson's r and interpret the relationship.

<u>Theory</u>	<u>Project work</u>
45	56
55	50
56	48
58	60
60	62
65	64
68	65
70	70
75	74
80	82
85	90

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MDE-415

**MASTER OF ARTS (DISTANCE EDUCATION)
M.A. (DE)**

Term-End Examination

December, 2017

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

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) Explain the meaning of paradigm with help of examples. Discuss any three paradigms of research in Distance Education.
 - (b) Describe the three main forms of hypothesis. Discuss the conditions necessary for formulation of hypothesis. How does the hypothesis differ in various types of researches ?
2. Answer any four of the following questions in about 300 words each :
 - (a) Differentiate between parametric and non-parametric tests.
 - (b) Explain briefly the importance of external and internal criticism in historical research.
 - (c) Write a short note on probability sampling.

- (d) Discuss briefly characteristics of a good research tool.
- (e) Write short note on impact of ICT on researches in distance education.
- (f) Write short note on Interview as tool for research.

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

- (a) Describe the main components of a research report. Discuss the importance of each component in writing the research report with help of suitable examples.
- (b) The scores obtained on Maths test by 5 Boys and 8 Girls in class VIII are given :

Boys : 22, 30, 26, 32, 20

Girls: 27, 16, 25, 34, 20, 26, 30, 22

Find if the difference between the mean scores in Maths test of Boys and Girls significant or not ?

(Support information :

Table of critical value of t

Degree of freedom (df)	Level of significance	
	0.05	0.01
10	2.23	3.17
11	2.20	3.11
12	2.18	3.06

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MDE-415

01052

**MASTER OF ARTS (DISTANCE EDUCATION)
M.A. (DE)**

Term-End Examination

June, 2018

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 hours

Weightage : 75%

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

1. Answer any one of the following questions in about 1200 words :
 - (a) Discuss the use of Questionnaire as a research tool in Distance Education. Use examples to strengthen your discussion.
 - (b) Explain the classification of Statistical tests used in hypothesis testing. Discuss with the help of examples, the application of parametric tests.
2. Answer any four of the following questions in about 300 words each :
 - (a) Describe the types of Scales used in Educational research.
 - (b) Describe the use of computer for data processing in research in Distance Education.
 - (c) Explain the characteristics of normal probability curve and its importance in context of research in Distance Education.

- (d) Discuss the use of interview as a tool for research.
- (e) Explain the issues of trustworthiness and objectivity in Naturalistic Inquiry as method of research in Distance Education.
- (f) Discuss research paradigms in Distance Education.

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

- (a) Discuss the research findings in the area of “Instructional Processes” in India and abroad. Do you find any gap ? If yes, formulate a research problem to explore the gaps.
- (b) Discuss the scope of Experimental Research in Distance Education. Explain the designs of experimental study with help of examples.



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MDE-415

**01355 MASTER OF ARTS (DISTANCE EDUCATION)
M.A. (DE)**

Term-End Examination

December, 2018

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 hours

Weightage : 75%

Note : (i) Attempt all the three questions.

(ii) All questions carry equal weightage.

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

- (a) Discuss how research in open and distance learning can be categorised into different areas. Describe any four broad areas of research with one example of each.
- (b) Describe the purposes of hypothesis in research for distance education. Enumerate the three types of hypothesis with suitable examples.

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

- (a) Differentiate between purposive and quota sampling techniques.
- (b) Describe the needs for literature review in research.
- (c) Discuss the use of ratio and interval scales in research with examples.

- (d) Explain the basic steps involved in data analysis using SPSS (Statistical Package for Social Sciences). Support your answer with examples while discussing its applications in research.
- (e) Discuss critically the levels of theorising in research for distance education.
- (f) Enumerate the advantages and limitations of questionnaire as a tool of research.

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

- (a) Select a research problem from the field of open and distance learning and state the purpose for selecting this specific research problem within 200 words. Prepare a research proposal consisting of all the components within 1200 words.
- (b) What are the main features of empirical research ? Discuss the steps involved in carrying out empirical research in open and distance education.

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No. of Printed Pages : 3

MDE-415

**MASTER OF ARTS (DISTANCE
EDUCATION) (MADE)**

Term-End Examination

June, 2019

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 Hours

Maximum Weightage : 75

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

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

- (a) What is Sampling ? Describe different types of 'non-probability' sampling techniques used in research for distance education. Support your answer with suitable examples.

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[2]

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- (b) Compare various research studies carried out on 'distance learners' at the national and international levels.

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

- (a) Discuss the applications of 'mode' in descriptive statistics with examples.
- (b) Describe the key points a researcher must observe and record, while conducting an 'interview' for data collection.
- (c) Describe the present trends and possible future developments of research in open and distance learning.
- (d) Discuss the use of philosophical method in research for distance education.
- (e) Describe the characteristics of Normal Probability Curve (NPC). Enumerate its applications with illustrations.
- (f) Discuss the approaches involved in content analysis with examples.

[3]

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

- (a) Select a research problem from the field of open and distance learning. Describe how different steps of descriptive research method are applied in this specific research study.
- (b) Differentiate between quantitative and qualitative data. Describe the various methods of collecting qualitative data for conducting research in distance education.

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M01222

MDE-415

**MASTER OF ARTS (DISTANCE EDUCATION)
M.A. (DE)**

Term-End Examination,

December 2019

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

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 purposes and characteristics of case study method of research in Open and Distance Learning (ODL). Describe how you would apply the steps of case study method for considering a case from learner support services or curriculum design or course evaluation in ODL.
 - b) Discuss the research studies pertaining to instructional processes-print and electronic media carried out in ODL at national and international levels.
2. Answer any four of the following questions in about 300 words each :
 - a) Write a short note on the importance of ethical issues for conducting research in ODL.

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(2)

- b) Discuss declarative and null hypotheses with examples.
 - c) What are the various purposes of conducting research in ODL?
 - d) Describe the implications of review of literature in research.
 - e) Explain how the 'Triangulation' approach facilitates the cross-checking of research findings in ODL.
 - f) Discuss how you would use computer for 'processing data' in your MA (DE) project work.
3. Answer any one of the following questions in about 1200 words :
- a) What are the methods used in the analysis of Qualitative data? Describe various steps involved in the analysis of qualitative data with examples.
 - b) What are the purposes of writing a Research report? Describe the various components of a research report with examples.

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No. of Printed Pages : 3

MDE-415

Master of Arts (Distance Education)

M. A. (D. E.)

Term-End Examination

June, 2020

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 Hours

Maximum Weightage : 75%

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

1. (a) Differentiate between applied research and action research on methodological components. Discuss, how you would apply the various stages of action research while considering any area of activity of ODL institutions.
- (b) Discuss the research studies pertaining to distance learners—needs and aspirations, dropout and learning styles carried out in ODL at national and international levels.

P. T. O.

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

- (a) Discuss the limitations involved in applying scientific approach in ODL research.
- (b) What are the different types of rating scales ? Discuss any *two* types of rating scales with examples.
- (c) Describe the uses and limitations of 'interview' as a tool of research.
- (d) What is a hypothesis ? Describe the importance of hypothesis in descriptive research. Give examples.
- (e) Explain the main features of Statistical Package for Social Sciences (SPSS) used for analysis of data collected for research.
- (f) What is sampling ? Describe any *two* types of probability sampling methods with examples.

[3]

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

- (a) What is empirical research ? Describe the main features of empirical research in the context of open and distance learning.
- (b) Describe the various methods of collecting data for carrying out research in open and distance learning. How would you ensure the quality of data ? Give examples.



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No. of Printed Pages : 3

MDE-415

**MASTER OF ARTS (DISTANCE
EDUCATION) [MA(DE)]**

Term-End Examination

December, 2020

**MDE-415 : RESEARCH FOR DISTANCE
EDUCATION**

Time : 3 Hours

Maximum Weightage : 75%

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

(ii) All questions carry equal weightage.

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

- (a) Discuss the purposes and characteristics of case study method of research in open and distance learning (ODL). Describe how would you take up this method considering a case from learner support services or course evaluation in ODL.

- (b) Describe the research studies carried out in national and international levels pertaining to print materials and electronic media in ODL.

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

- (a) Discuss various purposes of conducting research in open and distance learning.
- (b) Enumerate, how the triangulation approach facilitates cross-checking of research findings in open and distance learning with examples.
- (c) Explain the main features of Statistical Package for Social Sciences (SPSS).
- (d) Differentiate between parametric and non-parametric data in research.
- (e) What is an attitude scale ? Discuss the uses and limitations of attitude scales while conducting research.
- (f) Describe the implications of review of literatures in research in ODL.

[3]

3. (a) What are the methods used in the analysis of qualitative data for conducting research ? Discuss various steps involved in qualitative analysis of data.
- (b) Explain the purposes of writing a research report. Describe the various components of a research report with examples.



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