**11**

DE–3540

DISTANCE EDUCATION

M.Phil. (EDUCATION) DEGREE EXAMINATION, MAY 2008.

INSTRUCTIONAL DYNAMICS

(2002 onwards)

Time : Three hours Maximum : 100 marks

PART A — (2 × 20 = 40 marks)

Answer the following questions in about 750 words each.

1. (a) Examine the relevance of pragmatism to the pedagogical needs of the present day conditions.

Or

* 1. (b) How is systems approach applied in curriculum design process?

1. (a) Explain the Instructional development model of UNESCO.

Or

* 1. (b) Discuss the merits and demerits of Gordon’s synectics model.

PART B — (3 × 10 = 30 marks)

Answer any THREE of the following in about 250 words each.

1. What is concept mapping? Evaluate its use as a teaching strategy.
2. Discuss the significance of computer assisted instruction.
3. Write short notes on :
   1. (a) Workshop
   2. (b) Panel discussion.
4. Give the profile of competent teachers.
5. What are different forms of teaching styles?

PART C — (5 × 6 = 30 marks)

Answer any FIVE short answer questions in about   
150 words each.

1. What should be the method of teaching according to Humanis?
2. Mention the advantages of B. F. Skinner’s contingency management model.
3. Write the effectiveness of mnemonics.
4. Lecture is the most economic, effective and significant method of instruction. Comment.
5. What is the contribution of Naturalism to the instructional process?
6. What is systems modeling?
7. Evaluate hybridization as a teaching (instructional strategy).
8. What care is to instruct students with learning disability?

———————

**12**

DE-3541

DISTANCE EDUCATION

M.Phil. DEGREE EXAMINATION, MAY 2008.

Education

METHODS OF EDUCATIONAL INQUIRY

(2002 onwards)

Time : Three hours Maximum : 100 marks

PART A — (2 × 20 = 40 marks)

Answer the following questions in about 750 words each.

1. (a) Write an essay on experimental research. Select a topic and draw a design for a parallel group experimental study.

Or

(b) Define a hypothesis. Mention the various sources of hypothesis. Mention the characteristics of a good hypothesis.

1. (a) What are the uses of statistical techniques in educational research? Under what conditions is analysis of covariance done? Explain giving an example.

Or

(b) For a topic ‘‘Effectiveness of Suchman's Inquiry Training Model in Enhancing Performance of XI standard students in Biology’’ on which you have done research, how will you prepare a report? (Remember the report should have at least five chapters).

PART B — (3 × 10 = 30 marks)

Answer any THREE questions in about 250 words each.

1. Suggest ten thrust areas in educational research.
2. Differentiate delimitation from limitations.
3. Explain ethnomethodology giving two examples.
4. Define norms. How are norms established?
5. Describe Wilcoxon signed rank test. Mention its advantages.

PART C — (5 × 6 = 30 marks)

Answer any FIVE questions in about 150 words each.

1. Mention six uses of computers in educational research.
2. Describe six characteristics of educational research.
3. Explain meta analysis bringing out its uses in educational research.
4. Construct an open-ended questionnaire for a research topic of your choice.
5. Define the terms validity and reliability. How will you establish reliability of an attitude scale?
6. Under what conditions and with what type of data do we get a normal probability curve?
7. What do you understand by generalization of findings of research?
8. Differentiate assumption from hypothesis giving an example.

——————

**13**

DE–3542

DISTANCE EDUCATION

M.Phil. DEGREE EXAMINATION, MAY 2008.

Education

COGNITIVE PERSPECTIVES

(2002 onwards)

Time : Three hours Maximum : 100 marks

PART A — (2 × 20 = 40 marks)

Answer the following in about 750 words each.

1. (a) Discuss any one perceptual theory with its implications.

Or

(b) Discuss the effect of Socio and Psycho deterministic factors on thinking.

1. (a) Trace the sequences in language acquisition. Suggest eight activities to promote language skills.

Or

(b) Discuss how one can enhance his memory process.

PART B — (3 × 10 = 30 marks)

Answer any THREE of the following in about 250 words each.

1. Explain selective attention. Mention four causes of distraction.
2. Write a note on the biological foundation of cognition.
3. Suggest measures to overcome distortion in perception.
4. How does thinking help in problem solving?
5. Discuss the term ‘Reflective thinking’.

PART C — (5× 6= 30 marks)

Answer any FIVE of the following in about 150 words each.

1. Mention the principles of metacognitive instruction.
2. Show how perception helps in concept development.
3. Discuss Psycho linguistic intervention on language development.
4. Discuss unilevel meta-cognitive training in educational environment.
5. Explain the role of sensory integration in learning.
6. Write a note on automatic cognitive processes.
7. Differentiate critical and creative thinking.
8. Describe the factors affecting the thought process.

——————