



UNIVERSITY OF JOHANNESBURG
FACULTY OF EDUCATION
JUNE EXAMINATION 2015

PROGRAMME: B Ed (SENIOR PHASE AND FET)

MODULE: TEACHING STUDIES 1A

CODE: TST10A1 / ISC1A10

TIME: 2 hours

MARKS: 100

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(This paper consists of 3 pages)

INSTRUCTIONS

Read the following instructions carefully before answering the questions:

1. This question paper consists of five questions.
2. Answer ALL questions.
3. Number your answers correctly according to the numbering system in this question paper.

QUESTION 1

- 1.1 What are the four steps in the DATA reflection process? (4)
- 1.2 Explain the five steps of the Guided reflection protocol. (10)
- 1.3 Read the following scenario and reflect on it by using the DATA reflection process. (10)

'Peter's failed lesson'

(From: Gravett, S.; De Beer, JJ & Du Plessis, E. (2015). *Becoming a teacher*. Cape Town: Pearson)

Peter had a well-prepared lesson plan to teach the Grade 8 Natural Sciences class how electricity works. He arrived for his lesson with all his notes and knew exactly what he was going to say.

"We are going to learn how electricity works and how to build an electric circuit. It is not difficult to build an electrical circuit, as long as you follow the rules and the step-by-step guide, which we are now going to go through."

All the learners looked at him expectantly, which he took as a good sign. "Yes, they are all interested ..."

"First, you need a cell and a conductor. You can take a battery and a light bulb out of a torch and use the conducting wires to make a circuit."

Peter carried on with his explanations and all the learners were jotting down notes.

"This is going really well. The learners are interested and they seem to be following my explanations."

"Are there any questions?"

No one had any questions, and Peter, confident that everybody had understood his clear explanations, concluded the class: "As homework, just follow these steps and rules, and draw a series of parallel electrical circuits."

On his way out, Peter was walking behind two of the learners who were talking among themselves without noticing that Peter could overhear them: "Busi, did you understand anything of what the teacher said about electricity? I have no idea what he was saying, and I cannot do my homework. May I come to your house this afternoon and we do it together?" "Well, I didn't understand anything either. I think my older brother may be able to explain it to me. Or maybe your father? I have no idea what to do."

(25)

QUESTION 2

The teacher, as an educational theorist, should take note of various learning theories.

2.1 Explain the basic principles underpinning each of the following theories:

2.1.1 Behaviourism (5)

2.1.2 Jean Piaget's views on cognitive processes of children (8)

2.1.3 The views of Lev Vygotsky (5)

2.1.4 Howard Gardner's work on multiple intelligences (5)

2.2 How will each of these learning theories inform your own teaching? (8)

(31)

QUESTION 3

Plan a lesson on any topic in your school subject, under the following headings:

- 3.1 Mention the six (6) questions that will guide your lesson planning, and briefly provide context for your particular lesson (provide answers to the six (6) questions). (12)
 - 3.2 Prepare a lesson plan, in which you make provision for:
 - 3.2.1 The topic of the lesson (1)
 - 3.2.2 Objectives of the lesson (2)
 - 3.2.3 The lesson invitation (2)
 - 3.2.4 Engaging with the new content (teaching methods; role of the teacher and learners) (4)
 - 3.2.5 Media (1)
 - 3.2.6 Summary and integration (2)
- (24)**

QUESTION 4

- 4.1 What is assessment? (4)
 - 4.2 Explain what baseline assessment is, and give one example of how you would incorporate it in a lesson. (3)
 - 4.3 Explain what formative assessment is, and give one example of how you would incorporate it in a lesson. (3)
- (10)**

QUESTION 5

- 5.1 What aspects enable one to classify teaching aids on a continuum? (2)
 - 5.2 Name two most extreme classifications of teaching aids, and provide two examples for each classification. (6)
 - 5.3 Briefly explain why teaching aids could be viewed as technology. (3)
- (11)**

TOTAL: 100