higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)

ART AND SCIENCE OF TEACHING
NQF LEVEL 2

(5050012)

21 November 2023 (Y-paper)
13:00–15:30

This question paper consists of 10 pages.

181Q1N2321

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DEPARTMENT OF HIGHER EDUCATION AND TRAINING
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)
ART AND SCIENCE OF TEACHING
NQF LEVEL 2
TIME: 2 ½ HOURS
MARKS: 150

INSTRUCTIONS AND INFORMATION

1. Answer all the questions.
2. Read all the questions carefully.
3. Number the answers according to the numbering system used in this question paper.
4. Use only a black or blue pen.
5. Write neatly and legibly.

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QUESTION 1

Indicate whether the following statements are TRUE or FALSE. Choose the answer and write only 'True' or 'False' next to the question number (1.1–1.10) in the ANSWER BOOK.

1.1 Children learn by sharing their ideas and experiences during participative learning.

1.2 People learn through their four senses, and they have different experiences and perceptions about their environment.

1.3 Learners are coming to class with prior knowledge.

1.4 Good learners are not very active in class.

1.5 Reflective thinking is when learners think about other people's opinions.

1.6 All six-year-old children are at the same cognitive development level.

1.7 Culture consists of shared beliefs, symbols, and interpretations among people of the same group.

1.8 Abstract reasoning in children starts from the age of seven or eight years.

1.9 Good education in preschool and day care centres will contribute to the improvement of the economy of the country.

1.10 Economic development is an important need terms of learning content.

(10 × 1) **[10]**

QUESTION 2

Various options are given as possible answers to the following questions. Choose the correct answer and write only the letter (A–D) next to the question number (2.1–2.10) in the ANSWER BOOK.

2.1 Knowledge refers to …

A instil power you know
B information, skills and understanding gained through learning
C using your intuition
D being familiar with something or someone

2.2 Sets of ideas aiming to explain something about life or the world.

A Rational
B Universal
C Theories
D Perception

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2.3 … is the theory that is based on observation, practical experiences and experiments instead of theory.

A Empiricism
B Rationalism
C Constructivism
D Pragmatism

2.4 The teacher must make sure that … is/are appropriate for the learners.

A learning outcomes
B content
C learning areas
D resources

2.5 The dividers between the areas should be at … level so that the teacher can see what is happening in each area.

A low
B medium
C high
D very high

2.6 Which of the following resources is not safe to be used by preschool learners in art activities?

A Large drawing papers.
B Blunt scissors.
C Enamel paint.
D Different sizes of empty boxes.

2.7 The ... occupies the central position in the learning activity.

A educator
B resources
C content
D learner

2.8 Embracing cultural diversity means...

A group learners of one race in the same class.
B educators use one language to teach different learners.
C including learners from all backgrounds and cultures.
D favours learners according to their culture.

2.9 The teacher as a … is in a position to provide opportunities for learners to be critical thinkers.

A facilitator
B mother
C believer
D provider

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2.10 A competent teacher …

A helps learners and sympathize with them.
B force learners to learn all the time.
C force discipline.
D allow a lot of freedom in class.

(10 × 1) **[10]**

QUESTION 3

Choose a term from COLUMN B that matches a description in COLUMN A. Write only the letter (A–L) next to the question number (3.1–3.10) in the ANSWER BOOK.

COLUMN A		COLUMN B	
3.1	The teacher behaves in a way that students want to imitate the behaviour	A	democratic education
3.2	During teaching the teacher continually observes and keeps a record of their progress	B	participative teaching
3.3	The teacher uses methods to encourage creative and critical thinking	C	mentor
3.4	Give someone power or authority over their life or situation	D	communication
3.5	The learner and the educator each take a role in teaching to succeed	E	spatial relations
3.6	A person thinking about her/himself and not about what other people might need or want	F	assessor
3.7	The use of language, drawing and other tools to describe what you have observed	G	inclusion
3.8	The exploration of relations such as in front of, behind, above, below, left and right	H	empowering
3.9	It consists of the shared beliefs, symbols, and interpretations within a human	I	culture
3.10	Learners are being able to access and gain equal opportunities during teaching and learning	J	egocentric
		K	constrain
		L	relationship

(10 × 1) **[10]**

QUESTION 4

Give ONE word or term for each of the following descriptions by choosing a word or term from the list below. Write only the word or term next to the question number (4.1−4.10) in the ANSWER BOOK.

peer learning; parents; textbook; independent; conducive; social development; self-discipline; language skills; self-govern; validity; accessibility; assessment; school ready

4.1 To be autonomous a learner must be … .

4.2 The goal of a preschool is to prepare children to be … .

4.3 When a learner can do work without being told to do it, they have … .

4.4 The teacher needs to create an area that will be … to individual and autonomous learning.

4.5 … is when a preschool child has a healthy relationship with other children.

4.6 … encourages a child to make social contact and communication.

4.7 … helps teachers to make sure the learning content is correct and has important meaning to the learner.

4.8 … is one of the printed materials that can be used in a diverse classroom.

4.9 … are rich sources of information when dealing with multicultural education.

4.10 … happens when older children help young children to understand the learning content during teaching and learning.

(10 × 1) **[10]**

QUESTION 5

Define the following terms:

5.1 Objective

5.2 Rational

5.3 Accountable

5.4 Diligently

5.5 Evolves

5.6 Context-sensitive

5.7 Backlog

5.8 Inclusive

5.9 Rote learning

5.10 Sensory organs

(10 × 1) **[10]**

TOTAL SECTION A: 50

SECTION B

QUESTION 6

6.1 Study the pictures below and answer the questions that follow:



FIGURE 1



FIGURE 2

6.1.1 Describe the role of the learners in FIGURE 1. (3 × 2) (6)

6.1.2 Briefly explain FOUR aspects relating to the arrangement of the learning environment in FIGURE 2. (4 × 2) (8)

6.1.3 Describe ONE open-ended, and ONE self-correcting item that should be present in a classroom in FIGURE 2. (2 × 2) (4)

6.2 Do you agree or disagree that through guided materials the teacher can teach the Grade R learners how to bake? Substantiate your answer by stating THREE examples. (1 + 3) (4)

6.3 Name THREE skills learners will develop when experimenting with baking ingredients. (3)

[25]

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QUESTION 7

7.1 Read the scenario below and answer the questions.

> Ms Smith is preparing a lesson for the Grade 1 class. She identified the learning needs according to the ages of the learners, to plan for relevant activities. She chooses the outcomes which learners have to achieve at the end of the lesson. Ms Smith selected the topic that will address the cognitive, affective and psychomotor development of the learners. Ms Smith will do a demonstration, and presentation and organise discussions. She prepares games so that learners can participate in and understand the activities. The daily programme includes storytelling, music, movement and free play. The materials for each activity are well organised and relevant teaching methods are implemented before the activities.

7.1.1 Identify SIX contextual factors from the scenario that Ms Smith has to consider when doing her lesson planning. (6 × 2) (12)

7.1.2 Give ONE method of teaching under each heading, that you think Ms Smith can use to cover cognitive, affective, and psychomotor development. (3)

7.1.3 What can Ms Smith do that will indicate she applied the principles of contextual analysis? (2)

7.2 Suggest THREE activities Ms Smith can incorporate with music that will assist in psychomotor development. (3 × 2) (6)

7.3 Name the programme used in South Africa to help illiterate adults. (2)

[25]

QUESTION 8

Read the scenario below and answer the questions.

> Ms Thandeka prepared a pretend play session for the Grade R learners. The theme of the play is about hospitals and clinics. The resources included items like syringes, empty medicine bottles, stethoscopes, white coats, old reading glasses, a small bed made of card boxes and dolls. Lindy has a short limb and wanted to play the role of a nurse. She struggled to put the nurse's coat on. John helped her to put the coat on. Matome cried when Sarah showed her a syringe pretending to be a doctor. Ms Thandeka reassured Matome that it is not a real injection. Learners used the resources and equipment to imitate the roles of nurses and doctors in the hospital and clinics. They wore white coats and reading glasses pretending to be doctors. Other learners were pretending to be patients. Some learners pretended to be mothers and fathers, taking their sick babies to the hospital.

8.1 State the type of play learners are doing in the scenario. (2)

8.2 What is the name of the theorist who encouraged active discovery learning environments in schools? (2)

8.3 Do you think the educator has accommodated children with special needs? Substantiate your answer with TWO statements from the scenario. (1 + 2 × 2) (5)

8.4 From the scenario identify THREE influences that a poor economy of the country will have on the future of the Grade R learners. (3 × 2) (6)

8.5 Discuss FIVE measures you can suggest the government introduces to address the problem of the economy. (5 × 2) (10)

[25]

QUESTION 9

9.1 Suggest FIVE ways that autonomy can be used in a learning situation. (5)

9.2 Why do you think Art and Science of Teaching should be included in the qualification you are studying towards? Give FOUR reasons. (4 × 2) (8)

9.3 Define the term *psychomotor development*. (2)

Read the scenario below and answer the questions.

Mr Jonty brought his old television to school and showed programs he recorded to the students. He has a special needs student and allows the student to watch the programs on his laptop. At the parents' evening, he encouraged parents to show their children how to do research with their cell phones. He used his cell phone to make video recordings of the students during their presentations and showed it to them afterwards. On a field trip, he took the children to a shop and showed them how items are controlled using a bar code. The students were very interested in the technology and enjoyed watching different videos.

9.4 Identify THREE examples Mr Jonty used to introduce technology to his learners. (3 × 2) (6)

9.5 Why do you think we need knowledge? (1 × 2) (2)

9.6 Give ONE reason why Mr Jonty must use the appropriate learning content. (2)

[25]

TOTAL SECTION B: 100
GRAND TOTAL: 150

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