higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)

PUBLIC HEALTH
NQF LEVEL 2

(9020012)

20 November 2019 (Y-Paper)
13:00–15:00

This question paper consists of 7 pages

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TIME: 2 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. Start each question on a NEW page.
5. Use only BLUE or BLACK ink.
6. Write neatly and legibly.

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QUESTION 1

1.1 Choose a term from COLUMN B that matches a description in COLUMN A. Write only the letter (A–E) next to the question number (1.1.1–1.1.4) in the ANSWER BOOK.

COLUMN A		COLUMN B	
1.1.1	Cultural practices in community	A	economic conditions
1.1.2	Funding needed to build	B	physical conditions
1.1.3	National strategic plan	C	social conditions
1.1.4	Pollution affecting quality of air we breathe	D	political conditions
		E	environmental conditions

(4 × 1) (4)

1.2 Define the following concepts:

1.2.1 Health (3)

1.2.2 Wellness (2)

1.3 Identify the FOUR components of health. (4)

1.4 List FIVE genetic risk factors that can affect the health of individuals. (5)

1.5 Name ONE component in the wheel of wellness. (1)

1.6 What is community health? (3)

1.7 What is community wellness? (3)

1.8 Discuss how the health status of a community can be assessed and list the actions and conditions that can improve and protect the health of the community. (5)

[30]

QUESTION 2

2.1 Various options are given as possible answers to the following questions. Choose the answer and write only the letter (A–D) next to the question number (2.1.1–2.1.5) in the ANSWER BOOK.

2.1.1 ... establishes an interpersonal relationship with community members and engages with them to enhance their capacity for self-care and coping.

A Advocacy
B Counselling
C Research
D Promotion

2.1.2 Locating families and connecting them with resources is known as ...

A case-finding.
B cases.
C case-work.
D case-scheduling.

2.1.3 Communication about skills and ideas providing knowledge about health-related topics is known as ...

A communication skills.
B talking.
C health teaching.
D observing health.

2.1.4 ... is when you assist families to receive further help.

A Referral
B Policy enforcement
C Investigation
D Inquiry

2.1.5 ... is when you monitor health events through systematic collection, analysis and interpretation of health data.

A Health assessment
B Surveillance
C Health screening
D Observation

(5 × 1) (5)

2.2 Define each of the following terms:

2.2.1 Acute disease

2.2.2 Chronic disease

(2 × 2) (4)

2.3 State whether each of the following diseases are acute or chronic:

2.3.1 Diabetes

2.3.2 Cough

2.3.3 Headache

2.3.4 Flu

2.3.5 Hypertension

(5 × 1) (5)

2.4 State the FIVE main purposes of public health. (5)

2.5 State the SIX millennial development goals. (6)

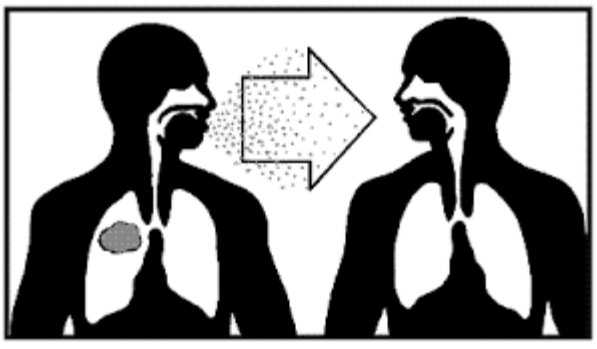
2.6 Discuss the roles of someone who works in public health versus curative health.

(5 × 1) (5)

[30]

QUESTION 3

3.1 Study the image below and answer the questions.



3.1.1 Define the term *infection.* (3)

3.1.2 Considering infectious disease, what infectious disease that is depicted above can be transmitted through droplets? (2)

3.1.3 What is the cause of this infectious disease? (2)

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3.1.4 Name different types of the above-mentioned infectious disease. (2 × 2) (4)

3.1.5 List FOUR signs of this infectious disease. (4)

3.1.6 State TWO conditions that favour this condition. (2)

3.2 What is HIV? (2)

3.3 Explain how a person can become infected with HIV/AIDS. (3)

3.4 List FOUR methods in which HIV/AIDS can be prevented. (4)

3.5 What are the stages in the progress of HIV to AIDS? (4)

[30]

QUESTION 4

4.1 4.1.1 Define the term *cholera*. (2)

4.1.2 Name FIVE signs and symptoms of cholera. (5)

4.1.3 How is cholera spread? (2)

4.1.4 State THREE risk factors that contribute to the spread of cholera. (3 × 2) (6)

4.2 Cancer is a disease in which abnormal cells divide without control and is able to invade other tissues. Cancer cells often spread to other parts of the body.

4.2.1 Describe the early signs of FIVE types of cancer. (5 × 2) (10)

4.2.2 Illustrate by means of a mind map how a person can prevent cancer. (5)

[30]

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QUESTION 5

5.1 Look at the image below and answer the questions.



5.1.1	What is diabetes?	(3)
5.1.2	State FIVE facts about insulin.	(5)
5.1.3	Name the type of diabetes pregnant women can develop.	(2)
5.1.4	State the causes of Type 1 diabetes in children.	(3)
5.1.5	State the causes of Type 2 diabetes in adults.	(2)
5.1.6	Tabulate the difference in the symptoms between Type 1 and Type 2 diabetes. (3 × 2)	(6)
5.1.7	Discuss the symptoms of insulin resistance.	(3)
5.1.8	Explain SIX complications that may be the result of poor diabetes control.	(6)
		[30]

TOTAL: 150

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