higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

N1120**(E)**(N22)H

**NATIONAL CERTIFICATE**

# MEDICAL PRACTICE N5

(First Paper)

(9090165)

**22 November 2018 (X-Paper)**
**09:00–11:00**

**This question paper consists of 5 pages.**

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# DEPARTMENT OF HIGHER EDUCATION AND TRAINING
# REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE
MEDICAL PRACTICE N5
(First Paper)
TIME: 2 HOURS
MARKS: 100

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**NOTE:** If you answer more than the required number of questions, only the required number of questions will be marked. All work you do not want to be marked must be clearly crossed out.

**INSTRUCTIONS AND INFORMATION**

1. SECTION A is COMPULSORY
2. Answer any THREE of the four questions in SECTION B
3. Read ALL the questions carefully.
4. Number the answers according to the numbering system used in this question paper.
5. Write neatly and legibly.

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## SECTION A

## QUESTION 1

1.1 Explain the following terms:

1.1.1 Oral

1.1.2 Expectorant

1.1.3 Sublingual

1.1.4 Intravenous

1.1.5 Rectal

(5 × 2) (10)

1.2 Give ONE word/term for each of the following medical terms. Write only the word/term next to the question number (1.2.1–1.2.5) in the ANSWER BOOK.

1.2.1 Areas where there is water under the skin

1.2.2 Test tubes from which the air has been sucked out

1.2.3 The procedure used to count the different types of white blood cells

1.2.4 A substance that relieves pain

1.2.5 A substance that helps to stop bleeding

(5 × 2) (10)

1.3 Indicate whether the following statements are TRUE or FALSE. Choose the answer and write only 'True' or 'False' next to the question number (1.3.1–1.3.10) in the ANSWER BOOK.

1.3.1 A diuretic increases the volume of urine.

1.3.2 Diadermic ointments penetrate well into the skin.

1.3.3 A buccal tablet should not be sucked.

1.3.4 Intravenous means into a joint.

1.3.5 Sublingual means under the tongue.

1.3.6 Atropine is administered to keep the lungs dry.

1.3.7 A barium meal must be taken to take an x-ray of the kidney.

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1.3.8 An x-ray of the uterus is called a hystero salpingogram.

1.3.9 A warm bath increases the heart-rate.

1.3.10 Normal breathing for a woman is 15–20 times per minute.

(10 × 2) (20)
**[40]**

**TOTAL SECTION A: 40**

## SECTION B

Answer any THREE questions from this section.

## QUESTION 2

2.1 Briefly discuss the following:

2.1.1 Specimens of faeces (4)

2.1.2 Specimens of tissue (5)

2.2 Name the illnesses that can be diagnosed from the following colours of urine:

2.2.1 Colourless urine

2.2.2 A green colour

(2 × 2) (4)

2.3 Discuss the microbic border of defence of the body. (7)
**[20]**

## QUESTION 3

3.1 Discuss dry heat as a form of sterilisation. (10)

3.2 Discuss the implication of the ESR-test. (4)

3.3 Explain the following:

3.3.1 Layard tablets

3.3.2 Emetic

3.3.3 Sublingual

(3 × 2) (6)
**[20]**

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## QUESTION 4

4.1 Explain the term *cold cases*. (2)

4.2 What is the task of the theatre sister, after an operation, before the wound can be sutured? (2)

4.3 To which kind of patient are stress-stitches applied? (1)

4.4 What can be the result of over radiation? (3)

4.5 How are x-rays of the kidneys, ureters and bladder taken? (2)

4.6 What can result in a false increase of temperature, pulse and breathing? (4)

4.7 Discuss how you will treat a thermometer once it has been used. (6)
**[20]**

## QUESTION 5

5.1 Which factors are of importance when opening a new practice? (8)

5.2 Which matters must appear in a contract between the doctor and the assistant? (6)

5.3 Explain the term *informed consent.* (4)

5.4 What do you understand under the term *medical ethics*? (2)
**[20]**

**TOTAL SECTION B: 60**
**GRAND TOTAL: 100**

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