higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE

MEDICAL PRACTICE N5

(First paper)

(9090165)

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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

NOTE: If you answer more than the required number of questions only the required number will be marked. Clearly cross out all work you do not want to be marked.

INSTRUCTIONS AND INFORMATION

1. Answer all the questions in SECTION A.
2. Answer any THREE 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 (COMPULSORY)

QUESTION 1

1.1 Choose a term from COLUMN B that matches a description in COLUMN A. Write only the letter (A–L) next to the question number (1.1.1–1.1.10) in the ANSWER BOOK.

COLUMN A		COLUMN B	
1.1.1	Doctor who temporarily fills in for the regular doctor	A	lumbar puncture
1.1.2	Removes microorganisms on nonliving surfaces	B	passive immunity
1.1.3	Procedure to obtain cerebrospinal fluid	C	locum tenens
1.1.4	Prevents infection on living tissue	D	Hippolyta oath
1.1.5	Urine collected for analysis	E	midstream sample
1.1.6	Acquired by the foetus from the mother during pregnancy	F	intact skin
1.1.7	Getting vaccinated	G	Hippocratic oath
1.1.8	Mechanical boundary	H	disinfectants
1.1.9	Percentage of red blood cells in the blood	I	hematocrit
1.1.10	Requires health professionals to swear to uphold specific ethical standards	J	antihistamines
		K	artificial immunity
		L	antiseptics

(10 × 2) (20)

1.2 Indicate whether the following statements are TRUE or FALSE by writing only 'True' or 'False' next to the question number (1.2.1–1.2.10) in the ANSWER BOOK.

1.2.1 A good disinfectant should have a narrow range of antimicrobial activity.

1.2.2 Pathology tests can help to monitor disease.

1.2.3 Temperature should be taken intravenously.

1.2.4 Antibiotics kill viruses.

1.2.5 Analgesics relieve pain.

1.2.6 Schedule 7 drugs are controlled substances.

1.2.7 Subcutaneous injections are administered into a joint.

1.2.8 A prescription provides authorisation for a patient to purchase medicine from a pharmacist.

1.2.9 Diagnostic radiology is the treatment of disease with radiation.

1.2.10 Cholecystography refers to an e-ray examination of the gallbladder.

(10 × 2) (20)
[40]

TOTAL SECTION A: 40

SECTION B

Answer any THREE questions in this section.

QUESTION 2

2.1 List THREE types of needles used in suturing. (3)

2.2 Give FOUR uses of hydrogen peroxide as a disinfectant. (4)

2.3 Explain the venipuncture procedure. (8)

2.4 Why should medical records be stored? (5)
[20]

QUESTION 3

3.1 List THREE reasons for using x-rays. (3)

3.2 List FOUR classes of antibodies. (4)

3.3 Explain, with examples, how the colour of urine can be a useful indicator of health and wellbeing. (8)

3.4 What are the characteristics of a healthy doctor-patient relationship? (5)
[20]

QUESTION 4

4.1 List SEVEN details required on a valid medical certificate. (7)

4.2 How can you help someone who has lost consciousness? (8)

4.3 Recommend ways in which a medical practice can ensure the safety of confidential patient information. (5)
[20]

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QUESTION 5

5.1 Name THREE types of specimens that may be collected from the body for pathology tests. (3)

5.2 Name FOUR instruments or materials used for small procedures. (4)

5.3 Explain how to deliver a baby in an emergency situation. (8)

5.4 What information should a doctor give to a patient to obtain valid informed consent for treatment? (5)
[20]

TOTAL SECTION B: 60
GRAND TOTAL: 100

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