higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

N1130**(E)**(J5)H

NATIONAL CERTIFICATE

MEDICAL PRACTICE N5

(First Paper)

(9090165)

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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

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

QUESTION 1

1.1 Complete the following sentences by using the words in the list below. Write only the missing word or words next to the question number (1.1.1–1.1.10) in the ANSWER BOOK.

inflammation; negative; venipuncture; positive; amniocentesis; midstream; hematocrit; finger prick; forceps; lumbar puncture; haemoglobin; antihistamines

1.1.1 A ... sample of urine should be collected for analysis.

1.1.2 Cerebrospinal fluid is obtained by ...

1.1.3 Rh ... mothers may be given an injection during pregnancy to prevent the formation of Rh antibodies.

1.1.4 Small quantities of blood are often obtained through a ...

1.1.5 Blood may be obtained from a vein through ...

1.1.6 ... determination is used to screen for anaemia.

1.1.7 ... is the volume percentage of red blood cells in blood.

1.1.8 The ESR test helps to detect ...

1.1.9 ... treat allergies.

1.1.10 An ... is used to detect birth defects.

(10 × 2) (20)

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

1.2.1 Practitioners can advertise their services as long as the advertisements are professional.

1.2.2 Practitioners are allowed to use prescription forms including the details of pharmacists.

1.2.3 A practitioner can share confidential patient information if it is justified in the public interest.

1.2.4 A sick certificate must include a detailed description of the illness in order to be valid.

1.2.5 Medical secretaries can issue and sign sick notes for patients.

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1.2.6 Practitioners may use secret remedies they have discovered to treat patients in their practices.

1.2.7 Patient health records should be stored for at least six years from the date they become dormant.

1.2.8 The health records of mentally incompetent patients should be stored until their 21st birthday.

1.2.9 The health records of patients treated for work-related accidents should be kept for 20 years after treatment.

1.2.10 Patients are allowed access to their medical records.

(10 × 2) (20)
[40]

TOTAL SECTION A: 40

SECTION B

Answer only THREE questions in this section.

QUESTION 2

2.1 Give THREE practical uses of X-rays in medicine. (3)

2.2 List FOUR properties of X-rays that make them useful in the practice of medicine. (4)

2.3 Explain the procedure to follow if an adult starts to spasm and jerk uncontrollably in front of you. (8)

2.4 What are the advantages of radiation sterilisation for medical equipment? (5)
[20]

QUESTION 3

3.1 List SEVEN details that must be included on a medical certificate. (7)

3.2 Grace is going into labour, but medical assistance is not immediately available.

What can you do to assist her until professional help arrives? (8)

3.3 Discuss the benefits of a healthy doctor-patient relationship. (5)
[20]

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QUESTION 4

4.1 List SEVEN instruments or materials used for small procedures. (7)

4.2 What should you do to help someone experiencing a severe, life-threatening allergic reaction? (8)

4.3 What relevant information might a patient need before and after pathology tests? (5)
[20]

QUESTION 5

5.1 List SEVEN ways in which medication can be administered. (7)

5.2 What are the responsibilities of a medical secretary regarding samples to be sent to a pathologist? (8)

5.3 Summarise the similarities and differences between *antiseptics* and *disinfectants*. (5)
[20]

TOTAL SECTION B: 60
GRAND TOTAL: 100

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