



Level 2 Technical Certificate in in Medical Administrative Support

6519-220 Medical Terminology

SAMPLE

Test duration: 1 hour, 30 minutes

Read the following notes before you answer any questions:

- Attempt all questions
- If you find a question difficult, leave it and return to it later

This paper contains 60 questions. All questions have equal marks.

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Question 1

Which one of the following is a prefix that means 'many'?

- A. An-
- B. Oligo-
- C. Poly-
- D. Tetra-

Key	= C
Distractors	= A, B, D
LO	= 1
Topic	= 1.1

Question 2

What is the term that means 'inflammation of the narrow airways'?

Bronchiolitis

LO = 1

Topic = 1.2

Question 3

Which term means 'resembling starch'?

Amyloid

LO = 1
Topic = 1.2

Question 4

How many grams are in a kilogram?

- A. Ten.
- B. Twenty.
- C. One hundred.
- D. One thousand.

Key	= D
Distractors	= A, B, C
LO	= 1
Topic	= 1.1

Question 5

Which of the following prefixes means 'away from'?

- A. Ab-
- B. Ad-
- C. An-
- D. En-

Key	= A
Distractors	= B, C, D
LO	= 1
Topic	= 1.1

Question 6

What is the term that identifies 'surgical removal of the gallbladder'?

Cholecystectomy

LO	= 1
Topic	= 1.2

Question 7

What is the meaning of the prefix De- ?

- A. Away from.
- B. Through.
- C. Normal.
- D. Two.

Key	= A
Distractors	= B, C, D
LO	= 1
Topic	= 1.1

Question 8

What is the medical term for 'incision into the windpipe'?

Tracheotomy

LO	= 1
Topic	= 1.2

Question 9

Which of the following prefixes means colour?

- A. Alb-
- B. Chromo-
- C. Cyano-
- D. Erythro-

Key	= B
Distractors	= A, C, D
LO	= 1
Topic	= 1.1

Question 10

Which one of the following suffixes means 'pertaining to'?

- A. -ia
- B. -iac
- C. -ism
- D. -itis

Key	= B
Distractors	= A, C, D
LO	= 1
Topic	= 1.1

Question 11

Which one of the following combinations **best** describes the use of 'endo-' in the context of endocarditis?

- A. A prefix meaning outer layer.
- B. A prefix meaning inner lining.
- C. A suffix meaning outer layer.
- D. A suffix meaning inner lining.

Key	= B
Distractors	= A, C, D
LO	= 1
Topic	= 1.2

Question 12

The medical term 'myocardial' has been constructed using different word parts. Which one of the following statements is correct?

- A. The word root cardi/o means the same as coron/o.
- B. The word root cardi/o means a blood vessel.
- C. Myo- is a prefix that means enlarged.
- D. The prefix –al means concerning.

Key	= A
Distractors	= B, C, D
LO	= 1
Topic	= 1.2

Question 13

Which one of the following is often used to link together **two** word parts to construct longer medical terms?

- A. Combining consonant.
- B. Combining vowel.
- C. Linking letter.
- D. Semicolon.

Key	= B
Distractors	= A, C, D
LO	= 1
Topic	= 1.2

Question 14

What is the medical term for 'a red blood cell'?

Erythrocyte.

LO = 1
Topic = 1.2

Question 15

Which one of the following is a medical term that indicates a chemical capable of causing cancer?

- A. Carcinoma.
- B. Carcinogen.
- C. Carcinomatosis.
- D. Carcinogenesis.

Key	= B
Distractors	= A, C, D
LO	= 1
Topic	= 1.2

Question 16

What is the medical term that means 'a small head'?

Microcephaly.

LO	= 1
Topic	= 1.2

Question 17

Which one of the following medical terms refers to the time **around** the birth of a baby?

- A. Antenatal.
- B. Neonatal.
- C. Perinatal.
- D. Postnatal.

Key	= C
Distractors	= A, B, D
LO	= 1
Topic	= 1.2

Question 18

Which one of the following is the correct meaning for stenosis?

- A. A drug that prevents an allergic reaction.
- B. An abnormal narrowing of a vessel.
- C. Softening of an organ or tissue.
- D. Absence of menstrual periods.

Key = B
Distractors = A, C, D
LO = 1
Topic = 1.2

Question 19

Which one of the following is the medical name for the ankle bones?

- A. Metacarpals.
- B. Metatarsals.
- C. Carpals.
- D. Tarsals.

Key = D

Distractors = A, B, C

LO 2

Topic 2.1

Question 20

In which organ would hepatitis prevent the normal breakdown of toxins such as alcohol?

- A. Oesophagus.
- B. Gallbladder.
- C. Jejunum.
- D. Liver.

Key = D

Distractors = A, B , C

LO 2

Topic 2.2

Question 21

The pancreas belongs to which organ systems?

- A. Digestive and endocrine.
- B. Endocrine and lymphatic.
- C. Lymphatic and urinary.
- D. Urinary and digestive.

Key = A

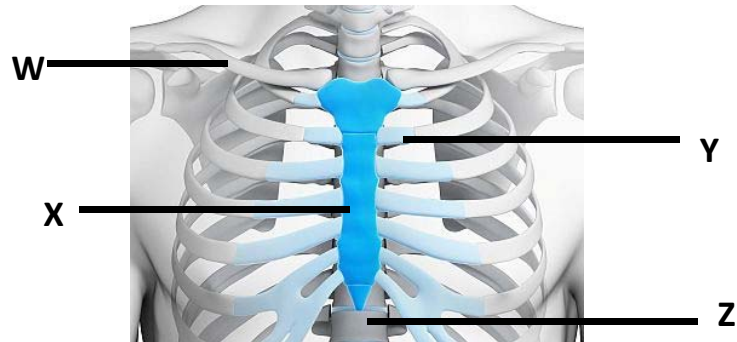
Distractors = B, C, D

LO 2

Topic 2.2

Question 22

The figure below shows the **main** bones of the chest.



<http://www.foodpyramid.com>

Which of the following letters is being used to indicate the sternum?

- A. W.
- B. X.
- C. Y.
- D. Z.

Key = B

Distractors = A, C , D

LO 2

Topic 2.1

Question 23

Which one of the following carries sperm through the penis?

- A. Vas deferens.
- B. Epididymis.
- C. Urethra.
- D. Ureter.

Key = C

Distractors = A, B, D

LO 2

Topic 2.2

Question 24

Some climbers who attempt to scale Everest develop cerebral oedema. Which one of the following **best** describes this condition?

- A. Build-up of tissue fluid in the brain.
- B. Shrinking of the brain tissue.
- C. Mini-stroke.
- D. Epilepsy.

Key = A

Distractors = B, C , D

LO 2

Topic 2.3

Question 25

Which one of the following blood vessels carries oxygenated blood from the aorta to the kidneys?

- A. Inferior vena cava.
- B. Hepatic artery.
- C. Renal artery.
- D. Brachial artery.

Key = C

Distractors = A, B, D

LO 2

Topic 2.2

Question 26

Which of the following statements would be true for a patient with a very rapid pulse?

- A. The patient has arrhythmia.
- B. The patient has bradypnoea.
- C. The patient has bradycardia.
- D. The patient has tachycardia.

Key = D

Distractors = A, B, C

LO 2

Topic 2.3

Question 27

The gland which produces the hormone adrenaline lies directly above the

- A. brain
- B. heart
- C. kidneys
- D. pectorals.

Key = C

Distractors = A, B, D

LO 2

Topic 2.1

Question 28

The organ which secretes a fluid to make the sperm more motile is the

- A. epididymis
- B. prostate
- C. scrotum
- D. testis.

Key = B

Distractors = A, C, D

LO 2

Topic 2.2

Question 29

Which one of the following organs is matched with the correct common name?

	Organ	Common name
A	Colon	Small intestine
B	Fibula	Shin bone
C	Ileum	Large intestine
D	Mandible	Lower jaw

Key = D

Distractors = A, B, C

LO 2

Topic 2.1

Question 30

Which medical term **best** describes a shortage of platelets?

- A. Anaemia.
- B. Haemolysis.
- C. Phagocytosis.
- D. Thrombocytopenia.

Key = D

Distractors = A, B , C

LO 2

Topic 2.3

Question 31

The table below records the results of tests carried out on a patient.

Test result	Normal range
Blood $\text{Ca}^{2+} = 4.5 \text{ mmolL}^{-1}$	2.1-2.6mmolL ⁻¹
Blood glucose = 14.8mmolL ⁻¹	3.6-5.8mmolL ⁻¹
Hb = 142gL ⁻¹	115-165gL ⁻¹

Which of the following diagnoses is correct?

- A. Hypocalcaemia.
- B. Hyperglycaemia.
- C. Acidosis.
- D. Anaemia.

Key = B

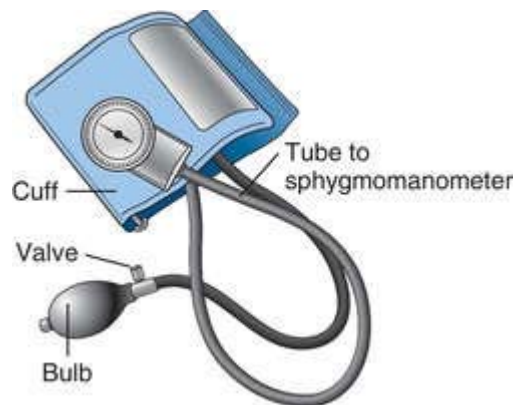
Distractors = A, C , D

LO 2

Topic 2.3

Question 32

The sphygmomanometer shown in the figure below is used to measure blood pressure in which vessel in the arm?



<http://medical-dictionary.thefreedictionary.com/sphygmomanometer>

- A. Brachial artery.
- B. Femoral artery.
- C. Vena cava.
- D. Aorta.

Key = A

Distractors = B, C, D

LO 2

Topic 2.2

Question 33

Which one of the following describes the function of the pulmonary veins?

- A. To carry blood from the heart to the lungs.
- B. To carry blood from the lungs to the heart.
- C. To carry blood from the heart to the brain.
- D. To carry blood from the brain to the heart.

Key = B

Distractors = A, C and D

LO 2

Topic 2.2

Question 34

Which of the following muscles are located between the ribs?

- A. Intercostals.
- B. Pectorals.
- C. Triceps.
- D. Biceps.

Key = A

Distractors = B, C, D

LO 2

Topic 2.2

Question 35

Which of the following classifications of drugs are correctly paired with their effect?

	Class of drug	Effect of drug
1	Antibiotic	Cures influenza by killing infecting viruses
2	Antihypertensive	Reduces high blood pressure
3	Analgesic	Pain killer
4	Thrombolytic	Stimulates production of platelets

- A. 1 and 2.
- B. 1 and 3.
- C. 2 and 3.
- D. 3 and 4.

Key = C

Distractors = A, B, D

LO 2

Topic 2.3

Question 36

Which one of the following is the correct meaning for lumbar?

- A. The tail bone.
- B. The twelve vertebrae of the chest region.
- C. The five fused vertebrae located above the coccyx.
- D. The five vertebrae located between the ribcage and the pelvis.

Key = D

Distractors = A, B, C

LO 2

Topic 2.2

Question 37

Which one of the following medical specialties is concerned with reduction of stomach capacity to treat obesity?

- A. Urology.
- B. Bariatrics.
- C. Pharmacology.
- D. Gastroenterology.

Key = B

Distractors = A, C, D

LO 3

Topic 3.1

Question 38

Which one of the following medical specialities would diagnose and treat patients affected by schizophrenia?

- A. Neurology.
- B. Psychology.
- C. Hepatology.
- D. Psychiatry.

Key = D

Distractors = A, B, C

LO 3

Topic 3.1

Question 39

Which medical specialism provides holistic care through a hospice or specialist nurse?

- A. Palliative.
- B. Oncology.
- C. Geriatrics.
- D. Epidemiology.

Key = A

Distractors = B, C, D

LO 3

Topic 3.1

Question 40

The hormone investigated by the endocrinology department for a patient with diabetes mellitus is

- A. insulin
- B. adrenaline
- C. oestrogen
- D. testosterone.

Key = A

Distractors = B, C, D

LO 3

Topic 3.2

Question 41

Which medical specialism would provide care for a patient with cirrhosis of the liver?

- A. Endocrinology.
- B. Dermatology.
- C. Hepatology.
- D. Oncology.

Key = C

Distractors = A, B , D

LO 3

Topic 3.1

Question 42

Which medical specialist would set up an epidural to decrease sensation in the lower body during childbirth?

- A. Neurologist.
- B. Anaesthetist.
- C. Paediatrician.
- D. Gynaecologist.

Key = B





Distractors = A, C, D

LO 3

Topic 3.1 and 3.2

Question 43

Which treatment below is matched with the correct specialism?

Treatment	Image	Specialism
A. Braces to straighten teeth	 http://teethgeek.com	Orthopaedics
B. Cream to treat eczema	 http://www.webmd.com	Virology
C. Grommets to treat glue ear	 http://zenplugs.com	Otorhinolaryngology
D. Plaster cast for a fractured arm	 http://247main.com	Rheumatology

Key = C

Distractors = A, B, D

LO 3

Topic 3.1 and 3.2

Question 44

Which of the following would be used in the diagnosis and treatment of a patient with kidney stones?

	Specialist department	Diagnostic department
A.	Genitourinary	Histopathology
B.	Urology	Histopathology
C.	Endocrinology	Radiology
D.	Nephrology	Radiology

Key = D

Distractors = A, B, C

LO 3

Topic 3.1

Question 45

To which medical speciality would a patient with pancreatic cancer be referred?

- A. Gastroenterology.
- B. Plastic surgery.
- C. Immunology.
- D. Oncology.

Key = D

Distractors = A, B, C

LO 3

Topic 3.1

Question 46

Which of the following terms is associated with Emergency Medicine?

- A. Chronic.
- B. Trauma.
- C. Outpatients.
- D. Primary care.

Key = B

Distractors = A, C, D

LO 3

Topic 3.1

Question 47

Which of the following describes an aspect of immunology?

- A. Testing for metastasis in lymph nodes.
- B. Measuring the level of leucocytes in the blood.
- C. Investigating the activity of the lymphatic system.
- D. Detecting the presence of pathogens in the blood.

Key = C

Distractors = A, B, D

LO 3

Topic 3.1

Question 48

A 54 year old patient has been referred to the hospital following an elevated PSA blood test result. Which one of the following departments would investigate this result further?

- A. Clinical genetics.
- B. Plastic Surgery.
- C. Genitourinary.
- D. Obstetrics.

Key = C

Distractors = A, B, D

LO 3

Topic 3.1

Question 49

In the wording on a prescription, which one of the following would direct the patient to take their antibiotics before eating?

- A. ac
- B. bd
- C. om
- D. pc

key = A

Distractors = B, C, D

LO 4

Topic 4.1

Question 50

Which one of the following abbreviations identifies a drug that can only be obtained by prescription?

- A. P
- B. NP
- C. BP
- D. POM

Key	=	D
Distractors		A, B, C
LO		4
Topic		4.1

Question 51

Which one of the following vaccinations would be used to immunise a baby against whooping cough?

- A. DTaP
- B. HepB
- C. IPV
- D. PCV

Key	=	A
Distractors		B, C, D
LO		4
Topic		4.1

Question 52

Which one of the following abbreviations would be used to describe smoking cessation products such as nicotine patches?

- A. on
- B. NP
- C. NRT
- D. prn

Key	=	C
Distractors		A, B, D
LO		4
Topic		4.2

Question 53

Which one of the following abbreviations identifies a blood test that is used as an antenatal screen for Down syndrome?

- A. AFP
- B. MRI
- C. Ag
- D. CT

Key	=	A
Distractors		B, C, D
LO		4
Topic		4.2

Question 54

Which one of the following abbreviations indicates that a drug needs to be taken immediately?

- A. lg
- B. on
- C. stat
- D. tds

Key	=	C
Distractors		A, B, D
LO		4
Topic		4.1

Question 55

Which of the following is the virus that can cause AIDS?

- A. HBV
- B. HIV
- C. HPV
- D. PCV

Key	=	B
Distractors		A, C, D
LO		4
Topic		4.2

Question 56

Which of the following abbreviations are matched with their correct meanings?

	Abbreviation	Meaning
1.	BMI	Basal metabolic index
2.	CHD	Chronic heart disease
3.	MI	Heart attack
4.	TIA	Mini-stroke

- A. 1 and 2.
- B. 2 and 4.
- C. 3 and 1.
- D. 3 and 4.

Key = D

Distractors A, B, C

LO 4

Topic 4.1

Question 57

Why would a patient be prescribed a PPI?

- A. To relieve pain.
- B. As a contraceptive.
- C. As an inhaler for asthma.
- D. To reduce acid in the stomach.

Key = D

Distractors A, B and C

LO 4

Topic 4.2

Question 58

Which one of the following sections of the Pathology Laboratory would be asked to carry out a C & S test to diagnose a UTI?

- A. Histology.
- B. Cytology.
- C. Biochemistry.
- D. Microbiology.

Key	=	D
Distractors		A, B, C
LO		4
Topic		4.2

Question 59

Which of the following is relevant to COPD?

- A. It can include emphysema and bronchitis.
- B. It can be treated using a PPI.
- C. It can increase the TV value.
- D. It is an acute condition.

Key	=	A
Distractors		B, C, D
LO		4
Topic		4.2

Question 60

Which vaccination would a haematologist require to protect them from a blood-borne disease?

- A. HepB
- B. Hib
- C. IPV
- D. PCV

Key	=	A
Distractors		B, C, D
LO		4
Topic		4.2