# Knowledge assessment 1

**Assessment event 1 of 6**

## Criteria

### Unit code, name and release number

MSL954003 - Relate anatomical and physiological features to laboratory samples (1)

### Qualification/Course code, name and release number

MSL50118 - Diploma of Laboratory Technology (1)

MSL40118 - Certificate IV in Laboratory Techniques (1)

\*\*Amend the qualification box before distributing to the student. The information here should only contain the qualification the student is enrolled in\*\*

## Student details

### Student number

### Student name

## Assessment Declaration

* This assessment is my original work and no part of it has been copied from any other source except where due acknowledgement is made.
* No part of this assessment has been written for me by any other person except where such collaboration has been authorised by the assessor concerned.
* I understand that plagiarism is the presentation of the work, idea or creation of another person as though it is my own. Plagiarism occurs when the origin of the material used is not appropriately cited. No part of this assessment is plagiarised.

### Student signature and Date

Version: 1.0

Date created: 05/08/2019

Date modified: 06/12/2019

For queries, please contact:

Innovative Manufacturing, Robotics and Science SkillsPoint

Hamilton Campus

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## Assessment instructions

Table 1 Assessment instructions

| Assessment details | Instructions |
| --- | --- |
| **Assessment overview** | The objective of this assessment is to assess your knowledge as would be required to use appropriate medical terminology in a professional manner, and to be able to evaluate standard pathology abbreviations to determine the correct analytical environment for specimen testing. |
| **Assessment Event number** | 1 of 6 |
| **Instructions for this assessment** | This is a written assessment and it will be assessing you on your knowledge of the unit.  This assessment is in 4 parts:   1. Multiple choice questions 2. True or false questions 3. Short answer questions 4. Assessment feedback |
| **Submission instructions** | On completion of this assessment, you are required to upload it or hand it to your trainer for marking.  It is important that you keep a copy of all electronic and hardcopy assessments submitted to TAFE and complete the assessment declaration when submitting the assessment. |
| **What do I need to do to achieve a satisfactory result?** | To achieve a satisfactory result for this assessment all questions must be answered correctly. |
| **What do I need to provide?** | Pens, student workbook for this unit |
| **Due date/time allowed** | 1 hour |
| **Assessment feedback, review or appeals** | Appeals are addressed in accordance with Every Student’s Guide to Assessment. |

## Part 1: Multiple choice

Read the question and each answer carefully. Put an X in the table next to your chosen answer.

1. This word element establishes the basic meaning of a medical term:

Table 2 Multiple choice

| Answer choices | Put X next to your answer |
| --- | --- |
| 1. prefix |  |
| 1. suffix |  |
| 1. word root |  |
| 1. combining form |  |

1. What two languages are used to formulate medical terminology?

Table 3 Multiple choice

| Answer choices | Put X next to your answer |
| --- | --- |
| 1. Latin and Ancient French |  |
| 1. Latin and Greek |  |
| 1. Latin and Ancient Greek |  |
| 1. Latin and Ancient Sumerian |  |

1. The medical term for platelet is:

Table 4 Multiple choice

| Answer choices | Put X next to your answer |
| --- | --- |
| 1. coagulocyte |  |
| 1. hepatocyte |  |
| 1. leukocyte |  |
| 1. thrombocyte |  |

1. The abbreviation ESR stands for:

Table 5 Multiple choice

| Answer choices | Put X next to your answer |
| --- | --- |
| 1. erythrocyte sedimentation rate |  |
| 1. established secondary reaction |  |
| 1. estimated sedimentation range |  |
| 1. evaluated survival response |  |

1. The abbreviation RBC means:

Table 6 Multiple choice

| Answer choices | Put X next to your answer |
| --- | --- |
| 1. random blood count |  |
| 1. rare blood cancer |  |
| 1. red blood cell |  |
| 1. reduced blood content |  |

1. A doctor may be request a MSU sample taken from a patient. What does MSU stand for?

Table 7 Multiple choice

| Answer choices | Put X next to your answer |
| --- | --- |
| 1. Mid-stream urine |  |
| 1. Most of the stream of urine |  |
| 1. Mid-section of urine |  |
| 1. Mid-size urine |  |

## Part 2: True or false

Read the question and then write **True** or **False** in the space provided.

Table 8 True or false

| Question | Write *True* or *False* |
| --- | --- |
| 1. Coagulation is the process of clotting |  |
| 1. Sensitivity relates to the action of antibiotics on pathogens |  |
| 1. Word structure for medical terminology relies on a prefix and a word root |  |
| 1. Biochemistry is the study of chemical processes in living organisms |  |
| 1. Microbiologists analyse small particles of matter |  |
| 1. Sputum samples always consist of faecal matter |  |
| 1. Blood samples are always separated prior to analysis |  |

## Part 3: Short answer

Read the question carefully. The recommended word count is listed at the end of each question.

1. Histological cell samples come from tissue, where do haematological cell samples come from? (1 word)
2. What is the study of microbiology (5 to 25 words)?
3. Explain why CSF has a short shelf life following sampling. How quickly must the laboratory receive it following extraction (5 to 25 words)?
4. Give an example of a sample that is temperature sensitive, and explain why (5 to 25 words).
5. Why would samples from an autopsy be time and temperature sensitive (15 to 40 words)?
6. Give an example of a sample you would transport with the following preservation methods (2 to 15 words each):
   1. Wet ice (water)
   2. Dry ice (carbon dioxide)
   3. Formalin
7. Write the full terminology out for the following histology abbreviations (2 to 5 words per cell):

Table 9 Complete the table

|  |  |
| --- | --- |
| Abbreviation | Full terminology |
| FEC |  |
| IF |  |
| LM |  |
| IHC |  |
| HE |  |
| ISH |  |

1. Write the full terminology or a description of the following microbiology abbreviations (3 to 10 words per cell):

Table 10 Complete the table

|  |  |
| --- | --- |
| Abbreviation | Full terminology |
| MSC |  |
| Culture |  |
| Sensitivity |  |
| CSF |  |

1. Write the full terminology out for the following haematology abbreviations (2 to 5 words per cell):

Table 11 Complete the table

|  |  |
| --- | --- |
| Abbreviation | Full terminology |
| FBC |  |
| Hct |  |
| Coags |  |
| INR |  |

1. Write the full terminology out for the following biochemistry abbreviations (1 to 3 words per cell):

Table 12 Complete the table

|  |  |
| --- | --- |
| Abbreviation | Full terminology |
| Disacc |  |
| Fe |  |
| LFT |  |
| TFT |  |
| Chol |  |
| Trig |  |
| PSA |  |
| EUC |  |
| CEA |  |

1. Complete the following table (2 to 10 words per cell):

Table 13 Complete the table

|  |  |
| --- | --- |
| Sample type | Transport media (preservative and/or packaging) |
| Samples that decompose or require preservation |  |
| Bacterial swabs |  |
| All slides |  |
| Other body fluids (i.e. not blood) |  |

## Part 4: Assessment Feedback

*NOTE: This section* ***must*** *have the assessor signature and student signature to complete the feedback.*

### Assessment outcome

Satisfactory

Unsatisfactory

### Assessor Feedback

Was the assessment event successfully completed?

If no, was the resubmission/re-assessment successfully completed?

Was reasonable adjustment in place for this assessment event?  
*If yes, ensure it is detailed on the assessment document.*

Comments:

### Assessor name, signature and date:

### Student acknowledgement of assessment outcome

Would you like to make any comments about this assessment?

### Student name, signature and date

***NOTE: Make sure you have written your name at the bottom of each page of your submission before attaching the cover sheet and submitting to your assessor for marking.***