

AUTOMOTIVE
Certificate II in Automotive (Vehicle servicing) AUR20505
Certificate II in Automotive (Mechanical) AUR20705

MARKING KEY

Automotive
Certificate II in Automotive (Vehicle servicing) AUR20505
Certificate II in Automotive (Mechanical) AUR20705

Draft sample examination question mapping

Multiple-choice questions

	Draft sample paper 1	Draft sample paper 2
Question	Unit of competency	
1	AURC270103A	
2	AURC270103A	
3	AURT200108A	
4	AURT200108A	
5	AURT200108A	
6	AURT201170A	
7	AURT201170A	
8	AURT202170A	
9	AURT202170A	
10	AURT202170A	
11	AURT210170A	
12	AURT210170A	
13	AURT215170A	
14	AURT215170A	
15	AURT270278A	
16	AURT270278A	
17	AURT270278A	
18	AURT271781A	
19	AURT271781A	
20	AURT271781A	

Short Answers

	Draft sample paper 1	Draft sample paper 2
Question	Unit of competency	
1	AURT200108A	
2	AURT201170A	
3	AURT202170A	
4	AURT210170A	
5	AURT270278A	
6	AURT271781A	
7	AURT215170A	
8	AURC270103A	

Automotive VET industry specific draft examination marking key

Multiple-choice

Question	Response	Mark
1	d	1
2	b	1
3	b	1
4	a	1
5	d	1
6	c	1
7	b	1
8	d	1
9	a	1
10	b	1
11	c	1
12	d	1
13	a	1
14	c	1
15	b	1
16	c	1
17	b	1
18	c	1
19	b	1
20	a	1

SECTION TWO: SHORT ANSWER

Question 1 Carry Out Servicing Operations AURT200108A

a) 4 marks

Description	Mark
Lists 4 appropriate items	1 mark for each correct item

Answers could include the following:

Safety glasses, barrier cream on hands, steel cap boots, cotton clothing

b) 6 marks

Description	Mark
<ul style="list-style-type: none">• Describes at least 6 quality procedures to be carried out• Uses correct industry terminology	6
<ul style="list-style-type: none">• Gives 5 correct procedures• Uses correct industry terminology	5
<ul style="list-style-type: none">• Gives 4 correct procedures• Uses correct industry terminology	4
<ul style="list-style-type: none">• Gives 3 correct procedures	3
<ul style="list-style-type: none">• Gives 2 correct items for use	2
<ul style="list-style-type: none">• Demonstrates a limited understanding• Gives 1 or 2 correct items for use	1

Answers could include the following:

Guard covers, floor mats, seat covers, litter bags, lube sticker, air freshener, empty ashtray, wash and vacuum vehicle, clean off any hand marks.

Question 2 Inspect and Service Engines AURT201170A

a) 4 marks

Description	Mark
Names 4 correct strokes and their functions	4
Names 3 correct strokes and their functions	3
Names 2 correct strokes and their functions	2
Names 2 correct strokes	1

Answers should include the following:

Inlet (suck), Compression (squeeze), Power (bang), Exhaust (blow).

b) 2 marks

Description	Marks
Provides both correct responses	2
Provides 1 correct response	1

Answers should include the following:

720 degrees and 2 full turns.

c) 4 marks

Description	Marks
<ul style="list-style-type: none">Describes four or more logical steps to the method chosenUses correct industry terminology	4
<ul style="list-style-type: none">Describes at least three logical steps to the method chosenUses correct industry terminology	3
<ul style="list-style-type: none">Gives at least two steps to a methodMostly uses industry terminology	2
<ul style="list-style-type: none">Gives one step of a methodUses limited industry terminology	1

Answers could include the following:

By using a compression whistle

By finding the cylinder that is 'on the rock' then going to the opposite cylinder for TDC compression

By using the 'piston stop' method to find exact TDC then matching the valves that are fully closed on that cylinder

By feeling for the piston with a screw driver in the plug hole to come to the top of its stroke and aligning the rotor button to that cylinder (if distributor equipped)

Question 3 Inspect and service cooling systems AURT202170A

a) 4 marks

Description	Marks
Gives 2 hazards and describes way to avoid them	4
Names 2 hazards and correctly describes 1 way to avoid them	3
Gives 1 hazard and describes way to avoid it	2
Names 1 hazard	1

Answers should include the following:

Coolant burns and rotating parts with explanations of how to avoid these personal hazards occurring.

b) 6 marks

Description	Marks
<ul style="list-style-type: none">Gives detailed explanation of both when and howOutlines all safety and environmental considerations	5-6
<ul style="list-style-type: none">Gives an explanation of when and howIs aware of some safety and environmental considerations	3-4
<ul style="list-style-type: none">Demonstrates a limited or no real understanding of when to remove safelyUses limited industry terminology	0-2

Answers should include the following:

- system needs to cool down
- wear safety glasses
- use a rag to turn cap to the safety stop
- release the pressure
- press cap down and turn to removal stop.

Question 4 Inspect and Service Braking Systems AURT210170A**a) 6 marks**

Description	Marks
<ul style="list-style-type: none"> • Demonstrates an understanding of the composition • Gives a detailed explanation for need to be changed 	5-6
<ul style="list-style-type: none"> • Demonstrates an understanding of the composition • Gives a sound explanation for need to be changed 	3-4
<ul style="list-style-type: none"> • Demonstrates a limited, or no real understanding of the composition • Gives a basic explanation for need to be changed 	0-2

Answers should include the following:

Brake fluid is hygroscopic and as it absorbs water from the air its boiling point drops and vaporises more readily – a gas can be compressed leading to brake system failure.

b) 4 marks

Description	Marks
<ul style="list-style-type: none"> • Gives the correct indication and gives detailed explanation of appropriate corrective measures 	4
<ul style="list-style-type: none"> • Gives the correct indication and gives appropriate corrective measures 	3
<ul style="list-style-type: none"> • Gives the correct indication and makes some attempt to give corrective measures 	2
<ul style="list-style-type: none"> • Gives a general reason 	1

Answers should include the following:

One part of the split brake system has failed and only half the braking is working.

Question 5 Use and Maintain Workplace Tools and Equipment AURT270278A**a) 2 marks**

Description	Marks
Provides both parts of the rule	2
Provides one part of the rule	1

Answers should include the following:

The harder the material to be drilled, the slower the drill speed should be.

The smaller the drill bit, the faster the drill speed should be.

b) 2 marks

Description	Marks
Provides both parts of the rule	2
Provides one part of the rule	1

Answers should include the following:

The harder the material the more teeth the blade should have.

c) 6 marks

Description	Marks
Gives at least three steps in the process and detailed appropriate reasons for all	6
Gives at least three steps in the process and some explanations	5
Outlines four steps in the process	4
Outlines three steps in the process	3
Outlines two steps in the process	2
Attempts to provide some steps in a process	1

Answers could include any of the following:

- centre punch the centre of the bolt
- drill the hole only big enough so as not to extend past the bolt and into the component in any direction
- use an Stud Extractor to suit the drilled hole size and
- attempt to wind the bolt out.
- some heat may be needed to expand the work.

Question 6 Implement and Monitor Environmental Regulations in the Automotive Mechanical Industry AURT271781A

a) 6 marks

Description	Marks
Provides at least three appropriate responsibilities with detailed explanations	6
Provides at least three appropriate responsibilities with explanations	5
Provides at least two appropriate responsibilities with explanations	4
Provides two appropriate responsibilities with some explanation	3
Provides one appropriate responsibility with some explanation	2
Provides one appropriate responsibility with no explanation	1

Answers could include the following:

- providing procedures
- equipment to reduce impact on the environment.
- resources to reduce impact on the environment.
- ensuring staff have appropriate training.

b) 4 marks

Description	Marks
Provides at least two appropriate responsibilities with explanations	4
Provides two appropriate responsibilities with some explanation	3
Provides one appropriate responsibility with some explanation	2
Provides one appropriate responsibility with no explanation	1

Answers could include the following:

- follow environmental procedures set by employer
- attend training
- report environmental hazards
- report incidents to employer

Question 7 Inspect and service steering systems AURT215170A**a) 4 marks**

Description	Marks
<ul style="list-style-type: none"> explains in detail the checking process required uses correct industry terminology 	4
<ul style="list-style-type: none"> Gives a general explanation of the checking process required Mostly uses industry terminology 	3
<ul style="list-style-type: none"> Gives a general explanation of the checking process required 	2
<ul style="list-style-type: none"> Demonstrates a limited understanding of how to check 	1

Answers could include the following:

One person rocks the steering wheel further than normal free play while a second person checks each ball joint in turn for unwanted movement.

b) 6 marks

Description	Marks
Details 6 correct steps in the process	6
Details 5 correct steps in the process	5
Details 4 correct steps in the process	4
Gives 3 correct steps in the process	3
Gives 2 correct steps in the process	2
Gives 1 correct step in the process	1

Answers should include the following:

- Free play in steering wheel
- Tie rod/Ball joint condition
- Shock Absorber condition/oil leaks
- Fluid level
- Steering stops and ball joints have grease
- Vehicle pulling to one side on road test
- Tyre condition and pressures

Question 8 Apply Safe Working Practices AURC270103A**10 marks**

Description	Marks
<ul style="list-style-type: none"> demonstrates an detailed understanding of the difference between an accident and incident provides a detailed explanation of processes to be followed for both 	9-10
<ul style="list-style-type: none"> demonstrates an understanding of the difference between an accident and incident provides an appropriate explanation of processes to be followed 	7-8
<ul style="list-style-type: none"> explains an accident or incident provides a general explanation of process 	5-6
<ul style="list-style-type: none"> demonstrates limited understanding of what is an accident or incident provides a limited explanation of process 	3-4
<ul style="list-style-type: none"> demonstrates limited or no understanding of what is an accident and incident 	0-2

Answers could include the following:

- a clear understanding of the difference between an accident and an incident
- accident and incident reporting allows preventative measures to be taken to reduce the reoccurrence of the accident or incident
- accurate records can also assist the medical profession with diagnosis and treatment

