



**Enhance Your Future**  
Professional Training Consultants

**AHCARB313**

**Identify trees**

**ASSESSMENT**

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# QUESTIONS

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The following questions may be answered verbally with your assessor or you may write down your answers. Please discuss this with your assessor before you commence. Short Answers are required which is approximately 4 typed lines = 50 words, or 5 lines of handwritten text.

Your assessor will take down dot points as a minimum if you choose to answer them verbally.

Answer the following questions either verbally with your assessor or in writing.

1. What information do you need to consider to assess the form of a tree?
2. What is the structure that trees generally consist of?
3. List 6 of the factors that are included in the local environment of a tree.
4. Very briefly describe tree morphology.
5. What is leaf morphology?
6. What are the major features of buds?
7. What, in botanical terms, is a petiole?
8. What are the formations in which branchlets generally grow?
9. What are branches?
10. What factors will it be necessary to examine for tree identification about bark?
11. What are the characteristics of flowers which will need to be examined?
12. What are the fruit characteristics you will need to consider when examining and recording fruit types?
13. Briefly explain how you can use each of the following available senses to assist in tree identification:
  - a. Sight.
  - b. Smell.
  - c. Taste.
  - d. Touch.
  - e. Hearing.
14. What are the various useful and key identifying attributes of tree parts that will need to be recorded as part of the tree identification process?

15. What information should you identify about the tree canopy and structures to consider the general health and condition of trees?
16. What are some of the signs and symptoms you might identify that could indicate disease in trees? List at least 3.
17. What could you observe in or on trees that may indicate pests?
18. What are 3 of the signs of deficiencies that you might observe in trees?
19. What do you need to ensure about the recording of data when documenting the information identified about trees?
20. Outline the process for collecting tree samples, so they can be used for the recognition of genus and species.
21. What information could you compare tree samples to help recognise the genus and species?
22. What sort of research might you conduct on the tree?
23. What are 3 of the types of reference materials that you may use for the process of tree identification?
24. What is a field guide?
25. What is taxonomy?
26. Briefly discuss how to use taxonomic keys to identify species and cultivar, where possible.
27. How can you examine a tree to determine its habitat use and food supply?
28. What are 5 examples of the types of environmental benefits that you may identify are provided by a tree?
29. Explain how to rate the performance of a tree in its current condition.
30. What are the assessments that can be conducted to identify the value of a tree and benefits to the community?
31. What are 3 methods of description of value of the trees benefits that can be used to communicate these benefits to the client and community?
32. There are a range of methods that can be used for the recording of tree identification. What are 4?

33. Outline the range of key identifying features of trees that should be used for tree identification.
34. What methods could you use to inform a client or organisation of the tree identification?
35. In morphology there are a range of methods that can be used for tree identification.  
List 4.

# QUESTIONS CHECKLIST

<b>Questioning Checklist</b>				
The assessor needs to indicate whether they have conducted the questioning as written questions or as verbal questions by ticking the box below.				
<input type="checkbox"/> <b>Written Questioning</b>	<input type="checkbox"/> <b>Verbal Questioning</b>			
The assessor must provide evidence with the assessment tool. For written questions, the assessor must provide the student's original written responses. For verbal questioning, the assessor must provide dot points as a minimum on the student's responses. For details on how to conduct and contextualise this form of assessment, please refer to the questioning checklist explanation in the assessor guide.				
<b>Student's name:</b>				
<b>Assessor's name:</b>				
If questions are answered verbally, the assessor must write detailed answers in the sections provided below. The space below does not indicate the size of the answer anticipated. Keep typing and the space will expand. If answers are recorded separate to this document, they must be attached to the assessment documents.			<b>Satisfactory response</b>	
			<b>Yes</b>	<b>No</b>
1	What information do you need to consider to assess the form of a tree?		<input type="checkbox"/>	<input type="checkbox"/>
2	What is the structure that trees generally consist of?		<input type="checkbox"/>	<input type="checkbox"/>
3	List 6 of the factors that are included in the local environment of a tree.		<input type="checkbox"/>	<input type="checkbox"/>
4	Very briefly describe tree morphology.		<input type="checkbox"/>	<input type="checkbox"/>
5	What is leaf morphology?		<input type="checkbox"/>	<input type="checkbox"/>
6	What are the major features of buds?		<input type="checkbox"/>	<input type="checkbox"/>

7	What, in botanical terms, is a petiole?	<input type="checkbox"/>	<input type="checkbox"/>
8	What are the formations in which branchlets generally grow?	<input type="checkbox"/>	<input type="checkbox"/>
9	What are branches?	<input type="checkbox"/>	<input type="checkbox"/>
10	What factors will it be necessary to examine for tree identification about bark?	<input type="checkbox"/>	<input type="checkbox"/>
11	What are the characteristics of flowers which will need to be examined?	<input type="checkbox"/>	<input type="checkbox"/>
12	What are the fruit characteristics you will need to consider when examining and recording fruit types?	<input type="checkbox"/>	<input type="checkbox"/>
13	Briefly explain how you can use each of the following available senses to assist in tree identification: a. Sight. b. Smell. c. Taste. d. Touch. e. Hearing.	<input type="checkbox"/>	<input type="checkbox"/>
14	What are the various useful and key identifying attributes of tree parts that will need to be recorded as part of the tree identification process?	<input type="checkbox"/>	<input type="checkbox"/>
15	What information should you identify about the tree canopy and structures to consider the general health and condition of trees?	<input type="checkbox"/>	<input type="checkbox"/>
16	What are some of the signs and symptoms you might identify that could indicate disease in trees? List at least 3.	<input type="checkbox"/>	<input type="checkbox"/>
17	What could you observe in or on trees that may indicate pests?	<input type="checkbox"/>	<input type="checkbox"/>

18	What are 3 of the signs of deficiencies that you might observe in trees?	<input type="checkbox"/>	<input type="checkbox"/>
19	What do you need to ensure about the recording of data when documenting the information identified about trees?	<input type="checkbox"/>	<input type="checkbox"/>
20	Outline the process for collecting tree samples, so they can be compared to images for the recognition of genus and species.	<input type="checkbox"/>	<input type="checkbox"/>
21	What information could you compare tree samples to help recognise the genus and species?	<input type="checkbox"/>	<input type="checkbox"/>
22	What sort of research might you conduct on the tree?	<input type="checkbox"/>	<input type="checkbox"/>
23	What are 3 of the types of reference materials that you may use for the process of tree identification?	<input type="checkbox"/>	<input type="checkbox"/>
24	What is a field guide?	<input type="checkbox"/>	<input type="checkbox"/>
25	What is taxonomy?	<input type="checkbox"/>	<input type="checkbox"/>
26	Briefly discuss how to use taxonomic keys to identify species and cultivar, where possible.	<input type="checkbox"/>	<input type="checkbox"/>
27	How can you examine a tree to determine its habitat use and food supply?	<input type="checkbox"/>	<input type="checkbox"/>
28	What are 5 examples of the types of environmental benefits that you may identify are provided by a tree?	<input type="checkbox"/>	<input type="checkbox"/>
29	Explain how to rate the performance of a tree in its current condition.	<input type="checkbox"/>	<input type="checkbox"/>

30	What are the assessments that can be conducted to identify the value of a tree and benefits to the community?	<input type="checkbox"/>	<input type="checkbox"/>
31	What are 3 methods of description of value of the trees benefits that can be used to communicate these benefits to the client and community?	<input type="checkbox"/>	<input type="checkbox"/>
32	There are a range of methods that can be used for the recording of tree identification. What are 4?	<input type="checkbox"/>	<input type="checkbox"/>
33	Outline the range of key identifying features of trees that should be used for tree identification.	<input type="checkbox"/>	<input type="checkbox"/>
34	What methods could you use to inform a client or organisation of the tree identification?	<input type="checkbox"/>	<input type="checkbox"/>
35	In morphology there are a range of methods that can be used for tree identification. List 4.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Feedback to Student:</b>			
<b>Result</b> <input type="checkbox"/> Satisfactory <input type="checkbox"/> Not Yet Satisfactory			
<b>Assessor's Signature:</b>		<b>Date:</b>	