

# Young Horticulturist of the Year 2025

Round 1 Questions and Answers

No.	Question	<div>© 2026 Chartered Institute of Horticulture All Rights Reserved</div> Answer
1	Match the following common name plants with their botanical names	<i>Bellis perennis</i> – Daisy <i>Quercus robur</i> – Pedunculate Oak <i>Narcissus pseudonarcissus</i> – Wild Daffodil <i>Helianthus annuus</i> – Common sunflower
2	In lawncare, what is the purpose of scarification?	Removing thatch/organic matter from the surface of a lawn
3	What is the purpose of grafting wax?	To form a watertight seal over a graft union
4	Where should you cut a plant in order to take a midrib cutting?	The central vein of a leaf
5	Which major garden pest transmits Cucumber Mosaic Virus to a wide range of outdoor garden plants and crops?	Black Bean Aphid
6	Which native European tree is being attacked by the fungus <i>Hymenosyphlus fraxinea</i> across Europe?	Common Ash

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7	From which part of a plant will a sucker appear?	The roots
8	Roundup is a registered herbicide, what is the active ingredient?	Glyphosate
9	The plant genus <i>Sempervivum</i> is classified as a.....?	Succulent
10	Match the following specific epithet with its meaning	<i>alba</i> – white <i>coccineum</i> – scarlet <i>dauidii</i> – Father Armand David <i>hyemalis</i> – winter flowering
11	Lancelot "Capability" Brown (1716-1783) is internationally recognised in horticulture for being a what?	English Gardener and Landscape Architect
12	True or False: Hayter, Allet and Toro are all brands of pruning secateurs	False

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13	The evergreen <i>Sarcococca hookeriana</i> also known as Sweet Box; produces fragrant flowers at which time of the year?	December to March
14	True or False: The flowers of <i>Corylus avellana</i> also known as the Hazel tree; are wind pollinated	True
15	What colour of bark does <i>Cornus alba</i> ‘Kesselringii’ have?	Black
16	What do the rings through a horizontally cut tree trunk represent?	Each year of growth
17	<i>Allium ursinum</i> , also know as wild ramsons, is usually found in which habitat?	Ancient Woodland
18	<i>Nerine bowdenii</i> produces tall spikes of pink flowers in which season?	Autumn

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19	Which of the following are two distinct characteristics of a sandy loam soil?	Free draining and easily eroded by wind and rain
20	Match the following common name plants with their botanical names	Crab apple – <i>Malus sylvestris</i> Irish Ivy – <i>Hedera hibernica</i> Wild blackberry/bramble – <i>Rubus fruticosus</i> Burnet/Scotch Rose – <i>Rosa spinosissima</i>
21	There are two times of the year to best direct sow hardy annuals like <i>Calendula officinalis</i> , <i>Limnanthes douglasii</i> and <i>Nigella damascena</i> ; when are these seasons?	Spring and late summer
22	<i>Sorbus</i> , <i>Mespilus</i> , <i>Malus</i> and <i>Prunus</i> are selectively members of which plant family?	<i>Rosaceae</i>
23	The plant <i>Impatiens glandulifera</i> also known as Himalayan Balsam; is classed as a what?	Invasive non-native species
24	Evergreen shrubs and small trees are often trained into attractive shapes and features; what is this training method called?	Topiary

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25	Beech and Hornbeam hedgerows tend to retain there leaves in Autumn and Winter; what is this process called?	Marcescence
26	What enviromental conditions encourage <i>Botrytis cinerea</i> also know as Grey Mould; to develop on tomatoes?	Warm and damp
27	What type of garden setting would <i>Pulmonaria angustifolia</i> also know as Narrow-leaved Lungwort; suit?	Woodland Garden
28	Seedlings that are not true to type are known as what?	Rogues
29	In winter, Orchard Apple trees are often pruned to remove what kind of extended and often upright growth?	Water shoots
30	Peat-free growing media can be made from many substances; which of the below options is NOT one of these?	Recycled Carpet



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31	How many square metres (sqm) are there in 1 hectare?	10,000 sqm
32	Under what circumstance might you import the parasitic wasp <i>Encarsia formosa</i> ?	In a glasshouse where there is a whitefly infestation
33	In horticulture, what is a ha-ha?	A sunken boundary invisible to the observer
34	What is the name of the Plantlife campaign that encourages gardeners to relax the mowing of their lawns in Spring?	No Mow May
35	Cyclamen coum, grow from what type of storage organ?	Tuber
36	Match the following plant problems to the correct category	Scarlet Lily Beetle – Pest Bacterial canker – Disease Frost Damage – Disorder Chicken of the Woods - Fungus

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37	What does the specific epithet in <i>Cordyline australis</i> refer to in nomenclature?	Southern
38	In Horticulture, what is Carpet Bedding?	A low growing display of dense, tapestry like foliage plants
39	Plants that are ephemeral are often regarded to do what?	Germinate, flower and seed multiple generations a year
40	True or False: Silviculture is defined as, " the care and cultivation of woodlands."	True



*“The 2026 competition opens online on  
Sunday 1<sup>st</sup> February 2026”*



**Please note, we cannot give feedback on individual entries, and will not be taking queries on questions and or answers**





# Young Hort '25

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