

THE BRITISH BEEKEEPERS' ASSOCIATION

Founded in 1874

Registered Charity No. 212025

EXAMINATION FOR PROFICIENCY IN APICULTURE MODULE 1 HONEYBEE MANAGEMENT

19th March 2016 Time Allowed 1½ hours

Candidate Number:

Instructions to Candidates

Read the questions carefully. Answer All Sections. It is recommended not to spend more than 10 minutes on Section A, 50 minutes on Section B and 30 minutes on Section C.

Unless stated otherwise questions apply to Honeybees.

Use **BLACK** pen for text. **Black** pencil may only be used for diagrams. **DO NOT USE COLOURS.**

Examiner Use Only

Question	Sec A	B11	B12	B13	B14	B15	C16	C17	Total
Mark									
Moderated									

SECTION A (10 marks, 1 for each question)

Answer **ALL** the questions in this section. Use one or two word or short phrase answers.

- Q1 Give one method of spacing brood frames.
- Q2 How wide is bee space?
- Q3 Name a method of replacing all the brood frames at once.
- Q4 What nutrient does pollen provide as a component of the honeybee diet?
- Q5 Using the International Queen Marking system, what colour will queens be marked this year?
- Q6 In which month does the main UK heather flow take place?
- Q7 What is meant by drifting?
- Q8 What could be fed to a colony to stimulate the queen to lay in spring?
- Q9 Name one type of feeder.
- Q10 Supply the missing word in this piece of bee equipment. Porter bee _____

PLEASE HAND IN THIS SHEET AT THE END OF THE EXAMINATION

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SECTION B (60 marks, 15 for each question)

Answer any **FOUR** questions from this section. **Write short notes for your answers.**

Marks

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| Q11 | Briefly describe a procedure for moving a strong colony of bees to a new apiary, 25 miles away, in June. | 15 |
| Q12 | List the uses for nuclei. | 15 |
| Q13 | What factors should be considered when selecting an apiary site? | 15 |
| Q14 | Explain briefly the importance of good apiary hygiene and how this is achieved. | 15 |
| Q15 | Describe briefly how to unite two colonies of bees using the newspaper method. | 15 |

SECTION C (30 marks)

Answer **ONE** question from this section. Give *labelled* diagrams where applicable.

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| Q16 | Giving reasons, describe the preparations necessary to ensure successful overwintering of a honeybee colony. | 30 |
| Q17 | (a) Discuss the factors that encourage swarm preparation in a colony and how swarming can be prevented. | 15 |
| | (b) Explain how to make an artificial swarm. | 15 |