

# NORTH CAROLINA

## MASTER BEEKEEPER PROGRAM

**LEVEL: CERTIFIED BEEKEEPER      TEST: PRACTICAL EXAMINATION**

**Notes to Instructor:**

1. This test may only be given to those applicants who have satisfactorily completed the written test for the Certified Level of the Master Beekeeper Program.
2. The failure to satisfactorily complete any portion of Section I will result in the applicant's failure on this examination, and the exam will be terminated at that point. An applicant who fails this exam may request a retest at a later date.
3. Instructors are to evaluate applicant's performance by placing a check (√) in the appropriate column:  
S = Satisfactory or U =Unsatisfactory.

<b>SECTION I    Required Prerequisites for Practical Examination</b>
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S	U	
		1. Is the applicant properly dressed to manipulate a hive of bees? If no, then the applicant may be permitted to describe the proper dress for this occasion.
		2. Was the applicant able to light a smoker and keep the smoker burning for the period of the examination? Note: The applicant may be allowed no more than one re-light of the smoker during this exam.
		3. Did the applicant demonstrate proper procedures for opening the hive in preparation for the hive manipulations required during this exam?

<b>SECTION II    Identification of Hive Components</b>
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During the course of this examination the applicant should be asked to identify and describe the use of each of the following hive components. If a component is not available, then the applicant should be able to identify its use and also where it would be normally located in the hive.

S	U		S	U	
		1. Deep super			9. Deep frame
		2. Shallow super			10. Shallow frame
		3. Brood chamber			11. Brood frame
		4. Honey super			12. Honey frame
		5. Bottom board			13. Internal Feeder
		6. Top cover			14. Entrance reducer
		7. Inner cover			15. Queen excluder
		8. Hive stand			16. Other

**SECTION III Identification of Bees, Stored Products and Cell Types**

During the course of this exam the applicant should be asked to identify the following:

S	U

1. Adult worker bee
2. Adult drone bee (if present)
3. Adult queen bee, or signs thereof if hard to locate
4. Capped Brood
5. Larvae
6. Eggs
7. Uncapped honey

S	U

8. Capped honey
9. Stored pollen
10. Have the applicant evaluate the quality of the overall brood pattern.
11. Worker cell
12. Drone cell (if present)
13. Queen cell or cup (if present)
14. Other

**SECTION IV Miscellaneous Questions**

S	U

1. What kind of slope should the hive (bottom board) have and why?
2. In what direction should this hive be facing and why?
3. Is this hive prepared for overwintering? If not, then what should be done?
4. Does this hive have adequate food stores for this time of year?
5. Does this hive have adequate food stores for this time of year? Is this hive preparing to swarm? If yes, then point out the indicators. If no, then describe what changes would be evident during swarm preparation by the bees.
6. If this hive were short on food stores, how would you correct the situation?
7. How would you combine this colony with another colony of bees?
8. Describe the steps you would follow to requeen this colony of bees.
9. If this hive were being robbed by other honey bees, how would you stop the robbing?
10. What method would you use to harvest honey from this hive for extracting?

**SECTION V Instructor's Evaluation**

This section is for the instructor's personal evaluation of the applicant.

S	U

Do you think this applicant demonstrates the necessary skills and knowledge to become a Certified Beekeeper in the North Carolina Master Beekeeper Program?

**Instructor's Comments (if any):** \_\_\_\_\_

\_\_\_\_\_  
Instructor's Name

\_\_\_\_\_  
Applicant's Name

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
Date of Exam

\_\_\_\_\_  
City, State + ZIP CODE