

NORTH CAROLINA

MASTER BEEKEEPER PROGRAM

CERTIFIED BEEKEEPER

PRACTICAL EXAMINATION

Notes to Instructor:

1. This practical exam may be given to 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 to retest at a later date.
3. Instructors are to evaluate applicant's performance by placing an (X) in the appropriate column S = Satisfactory or U = Unsatisfactory

SECTION I Required Prerequisites for Practical Examination

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? <u>Note:</u> 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?

SECTION II IDENTIFICATION OF HIVE COMPONENTS

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 or Medium super			10. Shallow or Medium frame
		3. Brood chamber			11. Brood frame
		4. Honey super			12. Honey frame
		5. Bottom board			13. Feeder
		6. Top cover			14. Entrance feeder
		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		S	U	
		1. Adult worker bee			8. Capped honey
		2. Adult drone (if present)			9. Stored pollen
		3. Adult queen, or signs there of if hard to locate			10. Have the applicant evaluate the quality of the overall brood pattern
		4. Capped brood			11. Worker cell
		5. Larvae			12. Drone cell (if present)
		6. Eggs			13. Queen cell or cup (if present)
		7. Uncapped honey			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. If this hive were short on food stores, how would you correct the situation?
		6. 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.
		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?
		11. Explain the process from start to finish what actions you would do to complete a Varroa Mite count of this colony.
		12. What action would you take based on the findings of the mite count?

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 Beekeepers Program?

Instructor's comments (if Any) _____

Instructor's name

Applicant's Name and NCSBA membership #

Instructor's NCSBA #

Street Address

Date of Exam

City, State and Zip Code