Review Questions

1. **Why are durability studies done?** (check all that apply)
2. To estimate the rate of replacement in continuous distribution systems
3. To know when is the best interval between net campaigns
4. To know which pesticide kills mosquitoes best.
5. To know how to help improve nets in the future
6. To learn which LLIN product is best suited to a specific context
7. **Which of the following describes a prospective cross sectional durability study?**
8. Looks at previously distributed nets in a sample of households at one point in time.
9. Nets are followed at regular intervals from the time of distribution until a defined end-point.
10. Looks at the incidence of malaria related to net use.
11. Compares households with LLINs to households without LLINs.
12. **What types of questions do LLIN Durability Questionnaires include?** (check all that apply)
13. Frequency of net usage
14. Status of nets distributed
15. Number of people who sleep in the household
16. The volume of mosquitoes seen at night
17. How the LLIN is washed and dried
18. **How is net all-cause attrition assessed?** (check all that apply)
19. By determining the proportion of previously received LLIN no longer present.
20. By determining the number of nets lost to damage or given away.
21. By counting the number of holes in the net.
22. By counting the number of net holes by their location on the net and their size.
23. By conducting a cone test.
24. **How is the physical integrity of a net assessed?** (check all that apply)
25. By determining the proportion of previously received LLIN no longer present.
26. By determining the number of nets lost to damage or given away.
27. By counting the number of holes in the net.
28. By counting the number of net holes by their location on the net and their size.
29. By conducting a cone test.
30. **What is meant if a net is said to be “serviceable”?** (check all that apply)
31. The net can still be used for sleeping under and will provide protection from malaria
32. The net has done its service and can now be used for other purposes
33. The net has been approved by the health services
34. The net is either in “good” or “damaged” condition based on the proportionate Hole Index, but not “too torn”
35. **Describe the different parts or sections of a rectangular net?**
36. **List four factors (environmental, behavioural etc.) that can contribute to getting holes in nets?**
37. **List four types of net holes we may encounter when inspecting the net?**
38. **What is the range of diameter for each of the four hole size categories?**
* Size 1
* Size 2
* Size 3
* Size 4
1. **What should you record on the questionnaire if large parts of the net are missing or counting of holes is not possible because there are too many?**
2. **How should the hole size category of open seams be assessed?**
3. **What is the purpose of the Hole Tally Sheet?**
4. **List five general responsibilities or actions of an interviewer when conducting a Hole Assessment Survey?**
5. **List two duties that interviewers should do or take turns doing during hole assessment fieldwork?**

Answer Key to Day 1 Questions

|  |  |  |
| --- | --- | --- |
| **Ques** | **Correction answers** | **Score** |
|  | A, B, D, E | 4 |
|  | B. | 1 |
|  | A, B, C, E | 4 |
|  | A, and B. | 2 |
|  | C. and D. | 2 |
|  | A. and D. | 2 |
|  | * 5 sections
* 2 long sides—the side of the net with a loop or tie half way down its length
* 2 short sides—usually goes at the head and foot of the sleeping space and does not have a tie or loop half way down
* Roof
 | 3 |
|  | * Local context and climate
* Construction of the house (shape and building materials) and sleeping place (bed, mat etc.)
* Rodents
* Proximity of the LLIN to fire
* LLIN washing and maintenance practices
* Number of and age of persons using the LLINs
 | 4 |
|  | * Burn Holes
* Tears
* Open Seam
* Torn Corner
* Partially Repaired Holes
* Repair Knotting
* Repair Stitching
* Multiple Holes
* Huge Parts of The Net Missing
 | 4 |
|  | * Size 1: 0.5 to 2 cm
* Size 2: 2 to 10 cm
* Size 3: 10 to 25 cm
* Size 4: >25 cm
 | 4 |
|  | The result is coded as 98 for size 4. | 1 |
|  | By the length of the open area. | 1 |
|  | To keep track of the total number of holes found on each side of the net. | 1 |
|  | * Introduce themselves to the household and explaining the purpose of the survey
* Inform household members that all information collected will remain confidential and that participation is completely voluntary, with no negative effects for non-participation
* Obtain consent to enter the home and assess the nets
* Ask the questions on the survey questionnaire and record the answers
* Identify each LLIN in the household
* Count the number of holes and determine their type.
* Measure the size of each holes on each section of the LLIN
* Record the number and size of holes on the assessment hole tally sheet
* Respect the household members and their household property (LLINs)
* Work together to support each other
* Collect data that is VALID and ACCURATE
 | 5 |
|  | * One surveyor is responsible for **recording** the number and size of the holes.
* The other surveyor is responsible for **measuring and counting** the holes.
 | 2 |
|  | **TOTAL EXPECTED SCORE =** | **40** |