### Lecture 03: QUESTIONS - Sorghum, Pearl Millet and Finger Millet

1. To minimize sorghum stem borer damage cowpea or lab lab is sown as intercrop in the ratio ________
   - a. 4:1
   - b. 2:1
   - c. 3:2
   - d. 1:2

2. Which is the following pest attack is a month old sorghum crop after sowing and upto emergency of ear head
   - a. Shoot fly
   - b. Stem borer
   - c. Pink stem borer
   - d. White stem borer

3. The affected sorghum plant producing more side tillers is due to attacking of ________
   - a. Shoot fly
   - b. Stem borer
   - c. Pink stem borer
   - d. White stem borer

4. ______________ diapause occurs in Red hairy caterpillar
   - a. Egg
   - b. Larval
   - c. Pupal
   - d. Adult

5. ______________ type of diapause is occurred in sorhnum grain midge
   - a. Egg
   - b. Larval
   - c. Pupal
   - d. Adult

6. ______________ acts as an vector for transmitting chlorosis diseases on sorghum
   - a. Shoot bug
   - b. Earhead bug
   - c. Mirid bug
   - d. Plant bug

7. __________ transmits freckled yellow disease in sorghum
   - a. Shoot bug
   - b. Earhead bug
   - c. Mirid bug
   - d. Plant bug

8. Thosea apierens belongs to the following family
   - a. Muscidae
   - b. Cochlidae
   - c. Crambidae
   - d. Miridae

9. __________ among the following one is a serious pest of cumbu
   - a. Atherigona approximata
   - b. Chilo partellus
10. Chaffy shriveled millet grains with black spots is the typical symptom of  
   a. Stink bug  
   b. Grain midge  
   c. Ear head bug  
   d. Soot bug  

11. _________ is the scientific name of shootfly of pearl millet  
   a. Atherigona approximata  
   b. Atherigona orientalis  
   c. Atherigona soccata  
   d. Atherigona oryzae  

12. Withering and drying of leaves leading to burnt appearance is the damage symptom  
   a. Leaf beetle  
   b. Ash weevil  
   c. Flea beetle  
   d. Black hairy caterpillar  

13. Shot holes in millets is caused by  
   a. Leaf beetle  
   b. Stem borer  
   c. Pink stem borer  
   d. Gall midge  

14. ___________ is a pest of pearl millet at seedling and boot leaf stage  
   a. Shoot fly  
   b. Stem borer  
   c. Pink stem borer  
   d. Gall midge  

15. ____________ is site of pupation for sorghum shootfly  
   a. Stem  
   b. Soil  
   c. Both a & b  
   d. Leaf  

16. White pupal case protruding out from the chaffy sorghum grains with holes are the damage symptoms of  
   a. Grain midge  
   b. Earhead bug  
   c. Mirid bug  
   d. Shoot bug  

17. Alternate host of sorghum shoot fly is  
   a. Maize  
   b. Ragi  
   c. wheat  
   d. all the above  

18. Alternate host of Chilo partellus is  
   a. Blackgram  
   b. Sesame  
   c. Maize  
   d. all the above
19. Alternate host of *Sesamia inferens* is _______
   a. sugarcane  
   b. wheat  
   c. rice  
   d. all the above

20. Alternate host of red hairy caterpillar
   a. Green gram  
   b. castor  
   c. cotton  
   d. all the above

21. Alternate host of *Peregrinus maidis* is ______
   a. sugarcane  
   b. groundnut  
   c. rice  
   d. all the above

22. Alternate host of *Rhopalosiphum maidis* is ______
   a. maize  
   b. sorghum  
   c. ragi  
   d. all the above

23. Alternate host of *Helicoverpa armigera*
   a. cotton  
   b. tomato  
   c. groundnut  
   d. all the above

24. Arpocarb fishmeal is used to attract _______
   a. gram caterpillar  
   b. shoot fly  
   c. pink stem borer  
   d. red hairy caterpillar

25. Arpocarb fishmeal formulation is more effective in attracting the shoot fly female/male

26. Grainless glumes with white pupal case is the symptom of _______ in bajra
   Grain midge

27. Potential pest of finger millet under South Indian conditions is _______ Pink stem borer

28. Site of pupation of cut worms is ___________ Earthen cocoon in soil

29. Presence of ants for honey dew secretion in Finger millet is an the indication of ______________ Root aphid

30. Dead hearts in young plants and chaffy grains in developed grains are the symptoms of _______ in pearl millet. stem borer

31. Webbing of grains and presence of broken grains are the symptoms of in bajra semi looper, *Antoba silicula*

32. Chaffy or spotted black and shrivelled grain is the symptom of ____________ in bajra stink bug, *Nezara virudula*