

SEM	SET	PAPER CODE	TITLE OF THE PAPER
II	2014	14UBO230403	ZOOLOGY – II (AGRICULTURAL ENTOMOLOGY)

**SECTION - A****Answer all the questions:****30 × 1 = 30****Choose the correct answer:**

- Insect head is made up of
  - six segments
  - four segments
  - five segments
  - seven segments
- The epidermis is composed of a single layer of
  - cuticle
  - sense organ
  - epithelial cells
  - none of the above
- The labium forms the posterior wall of the
  - labrum
  - maxilla
  - mandibles
  - buccal cavity
- The anterior area of the wing supported by veins is usually called
  - vannus
  - remigium
  - jugam
  - axillary field
- The tergo-sternal muscles lying at the sides of the
  - axillary muscles
  - pleuron
  - dorsal muscles
  - sense rods

6. In thysanura, the coxite is fused with the
  - a) epiproct
  - b) paraprocts
  - c) endophallus
  - d) sternum
7. The common salivary duct opens into the
  - a) salivarium
  - b) salivary gland
  - c) oesophagus
  - d) reservoir
8. Gills are present in
  - a) insects
  - b) aquatic insects
  - c) terrestrial insects
  - d) none of the above
9. The taenidia prevent the collapse of the
  - a) tracheoles
  - b) spiracles
  - c) intima
  - d) trachea
10. Apical cells supply nutrients to
  - a) diptera
  - b) orthoptera
  - c) heteroptera
  - d) odonata
11. Haemocytes are derived from the
  - a) embryonic mesoderm
  - b) embryonic ectoderm
  - c) prohaemocytes
  - d) plasmatocytes
12. In insects life cycle, the period of dormancy is called
  - a) resting
  - b) diapause
  - c) puparium
  - d) pupal stage
13. Medium or large sized insects are present in
  - a) dictyoptera
  - b) isoptera
  - c) hemiptera
  - d) lepidoptera
14. The mouth parts of the adult hemiptera are
  - a) reduviidae
  - b) atrophied
  - c) nabididae
  - d) anthocoridae

15. A termite colony usually contains a royal pair the  
a) queen and king                      b) soldiers  
c) workers                                d) sterile soldiers
16. Termite ocelli do not occur unless accompanied by  
a) Ligula                                    b) moniliform  
c) puriform                                d) compound eye
17. The wing coupling apparatus attains a high degree of  
specialization among various  
a) Lepidoptera                            b) Isoptera  
c) Hemiptera                                d) Hymenoptera
18. An accessory gland is generally found in connection with the  
a) seminal vesicles                      b) spermatheca  
c) vasadifferentia                        d) ejaculatory duct
19. Insects having single species are said to be  
a) monophagous                            b) oligophagous  
c) polyphagous                            d) none of the above
20. Silk was manufactured first in  
a) India                                      b) China  
c) Srilanka                                 d) none of the above
21. The weight of one cocoon is about  
a) 1 to 2gm                                b) 1.8 to 2.2gm  
c) 2 to 3gm                                 d) 1.9 to 2.5gm
22. The twing bearing the lac along with eggs is called  
a) brood lac stick                        b) crushed lac  
c) seed lac                                 d) shellac

23. Ultra – violet lamps are used to attract and trap
- a) soil insects
  - b) nematodes
  - c) nocturnal insects
  - d) all the above
24. Madras agricultural pests and diseases act was enacted in
- a) 1919
  - b) 1920
  - c) 1918
  - d) 1921
25. The loss due to severe attack of Dark headed borer is upto
- a) 80%
  - b) 70%
  - c) 60%
  - d) 50%
26. *Aphis gossypii* is a polyphagous pest infesting
- a) brinjal
  - b) chillies
  - c) guava
  - d) all the above
27. Co 419 is comparatively resistant to the
- a) top bores
  - b) internode borer
  - c) dark headed borer
  - d) rice stem borer
28. *Chilo infuscatellum* attacks 1-3 month old crop of
- a) paddy
  - b) cotton
  - c) sugarcane
  - d) coconut
29. The pupal period of pink bollworm
- a) 6-20 days
  - b) 25-35 days
  - c) 4-25 days
  - d) 1-10 days
30. *Thrips tabaci* infests
- a) cotton leaves
  - b) cotton flower
  - c) sugarcane stem
  - d) paddy

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