

FOUNDATION SCIENCE
ANSWER KEY

BOOKLET A

- 1) 3
- 2) 2
- 3) 1
- 4) 2
- 5) 1
- 6) 3
- 7) 3
- 8) 1
- 9) 2
- 10) 1
- 11) 3
- 12) 3
- 13) 2
- 14) 1
- 15) 2
- 16) 2

BOOKLET B

Answer Key

- 17. A : nose
B : lungs
C : windpipe
- 18. (a) stomata
(b)
 - (i) They allow for loss of water through transpiration.
 - (ii) They allow for exchange of gases to take place.
- 19. (a) X : Larva
Y : Pupa
(b) It breathes through a breathing tube.
- 20. (a) fins
(b) gills , lungs
- 21 (a) Sun
(b) worm
(c) increase
- 22. (a) glass

(b) metal

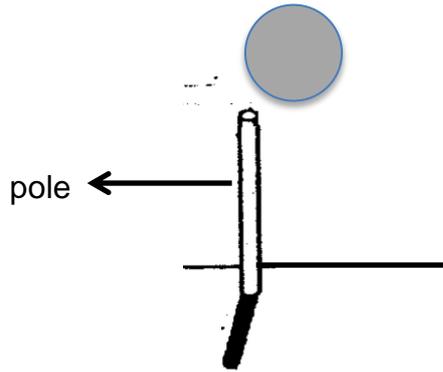
(c) transparent

23. Bulb E, open , electricity

24. (a) The magnetic strength from 5 turns of wire is not strong enough to attract any of the pin.

(b) zero , ,non-magnetic, magnetized

25. (a)



(b) blocked , opaque

26. (a) gravitational

(b) breaks

27.(a) It became round again.

(b) The air inside the ping pong ball gained heat and expanded.

28. (a) The air pockets within the corrugated cup sleeve prevent heat from the hot drink from being lost to the surrounding cold air.

(b) It also helps to protect the hands from the heat of the hot drink.

29. (a) The boiling water gained heat and **evaporated** to form steam. The steam touched the cool surface of the metal tray and lost heat. It **condensed** to form the water droplets on the metal tray.

30. expand , cracks