

YEAR 2011 ANSWERS

SECTION A

1. Watering Can -Panga -
Shovel -Hoe
-Wheel barrow A-Spade
2. For breathing -For
supporting burning
3. A piece of metal capable of
pulling or attracting
magnetic substances
4. For drying our clothes -For
seeing clearly
-For seed germination
5. (a) Teacher's Guide
(b) Clinical Thermometer
6. Radiation -Convection
-Conduction
7. Blankets are bad conductors
of heat and don't allow heat
loss
8. (a) Yes, when you place a
ruler on a table and your
ear on the table and hit the
ruler, you hear sound from
the ruler
(b) (i) No (ii) No
(iii) Burst
9. False
10. True
11. True
12. True
13. False
- 14.

Mass (g)	Volume(cm ³)	Densit y(g/ cm ³)
1.8	2	0.9
39.6	3	13.2

15. (a) -Help in rain formation
-Controls on soil erosion
(b) -For making furniture
-For roofing houses
16. For cooking -For lighting
-For washing clothes
17. (a) To remove dirt/stains
(b) Heat from the sun
reaches the clothes on a
wire by means of radiation

18. (a) Sound energy
Light energy
(b) Because light travels
faster than sound
 19. To reduce pain
-To reduce loss of blood
-To avoid death
-To avoid further injury
 20. To clean the alimentary
canal
 21. Frog
 22. Oiling or greasing
 23. Extended family
 24. Because it contains all food
values
 25. (a) For respiration
(b) Chlorophyll
- SECTION B**
26. (a) Frogs, Birds, Snakes,
Flies
(b) Frogs, Snake
(c) Bat
 27. (a) (i) Oval eggs
(ii) Sperm
(b)- A sperm is longer than
an ova which is oval
- Sperms are smaller than
an egg
 - 28.

Group of animals	Examples
Insects	Housefly
Arachnids	Spider, Ticks, Scorpions
Crustaceans	Crab, Cray Fish, Lobsters
Molluscs	Snails, Slugs
Flat worms	Tape worms, Flukes
Segmented worms	Earth worms, leaches
Myriapods	Millipede, Centipede

29. (a) True (b) False
(c) True (d) False
30. (a) Fruits
(b) Allow pollen grains
31. K- Apex
L-Mid rib/ Main vein M-
Veins N- Leaf Margin
O- Leaf
blade
32. (a) Pectoral Fin
(b) Tail fin is used for
swimming both forward and
backward
(c) Dorsal fins
(d) You get proteins
33. (a) This is the liquid part of
blood consisting of blood
proteins, dissolved food,
mineral salts, etc
(b) (i) Hepatic vein
(ii) Mesenteric artery
(iii) Pulmonary vein
(c) Hepatic portal vein
(d) Carry de-oxygenated
blood
34. (a) Type 1- Molars
Function- Grinding and
crushing
(b) Type 2- Canines
Function- Tearing flesh
(c) Type 3- Incisors
Function- Cutting and biting
35. (a) Contains all food values
(b) Age, health, time and
number of people expected
to take the food.
36. (a) P-Positive terminal
Q-Negative terminal
(b) Stores-Chemical energy
Produces-Electrical energy
(c) Chemical electricity
(d) Radio, Telephones,
Watches