

YEAR 2004 ANSWERS

SECTION A

1. Teacher's guidance
2. (*Teacher's guidance*)
3. Rain-Rain gauge,
Wind-Wind vane,
Temperature-Thermometer
4. B-Condensation,
C-Evaporation,
D-Freezing,
E-Melting
5. (a). V-Pupa, VII-Larva,
VIII-Egg, IX-Adult
(b). Malaria, elephantiasis,
yellow fever.
6. (a). Kwashiorkor
(b). Proteins/ body building
foods like eggs, fish, beans
7. (a). They control soil
erosion,
They help in the formation
of rainfall,
They provide us with timber
(b). Spreads diseases,
They pollutes the
environment,
They may cause global
warming.
8. (a). Because of refraction
(b). Because of reflection
9. (a). X-Stigma, Y-Ovules
(b). To develop into seeds
after fertilisation
10. (a). No, it will not give light
(b). Because the dry cells
are poorly arranged
11. (a). Candles, torch
(b). Energy is the ability to
do work while fuel is
anything that burns to
produce heat and light.
- 12.
13. (a). For milk production,
For meat production
(b). Hoe, panga, ex-plough
14. (a). AIDS
(b). Through unprotected
sexual intercourse with an
infected person.
15. True
16. True

17. False
18. False
19. False
20. False

SECTION B

21. (a). Adolescence is a body
change from childhood to
adulthood.
(b). Puberty is when boys
and girls begin to produce
mature gametes (cells).
(c). Pregnancy is period
from fertilisation to birth.
- 22.

Disease	Age in months	Vaccine given
Tuberculosis	$\frac{0}{\text{days/atbirth}}$	Polio vaccine
Whooping cough	$\frac{1}{2}$	<u>DPT</u>
Tetanus	9 months	<u>Tetanus oxide</u>

23. (a). To store food for the
plant, to hold the plant
firmly
(b). They use stems for
food
24. (a). Rib cage
(b). The skull
(c). The backbone
25. (i). Saliva (ii). Bile
(b). Small intestines
26. Problem with grinding food,
problems with chewing food.
27. (a). Heat energy, light
energy
(b). Due to limited oxygen
supply
(c). Because the oxygen is
used up.
28. (a). (i). White blood cells
fight against diseases
(ii). Red blood cells
transport digested food and
oxygen
(b). Blood group O

29. (a). Family planning is the
scientific way of controlling
the birth of children.
(b). For proper spacing of
children.
(c). Pollens
30. To protect the internal
parts of the body, to
remove body wastes
31. (a). Gases-Radiation
(b). Liquids-Convection
(c). Solids-Conduction
(d). Vacuum-Can't allow
heat transfer
32. (a). John
(b). Because John is nearer
to the fulcrum and balances
Peter who has a longer
load-arm seated at the end
of it.
(c). First class lever
33. (a). Artificial sources,
natural sources
(b). Urinating in water,
defecating in a water
source like a river
34. (a). By terracing
(b). Controls running water
(c). Soil exhaustion is when
soil cannot support plant
growth due to lack of
enough nutrients.
35. Peer pressure, to pass time
36. (a). Vices are bad habits in
poultry birds. (b).
Cannibalism, egg eating
37. By being faithful to your
married partner, through
abstaining from sex.