4b monera or moneran

5

I insect r instects

Ii mammalian or mammals

Iii mammalian or mammals

Iv Angiosperms or Angiosperm

V Amphibia or Amphibians

Vi Angiosperms or Angioserm

6

I – hominidae, hominid, hominids

Ii – candae , canid, canids

Iii - Graminacee (note correct spelling), poaceae, gramineae

Work to do

1 Subkingdom schizophyta, schizophyta

3 variable

t.a required

4 - options

1. Nostoc and Oscilatoria
2. Euglina and clamydomonal
3. Volvox and spyrogira

A is correct answer

5) Options

a) They are found in living thing

b) They can be diseases

c) They contain nucleic acids and protein

work to do (page 10)

3 – op

a) By photosynthesis with chloroplast and by absorption through cell membrane in absence of chlorophyll

b) By chemosynthesis

c) By sucking the food

5(i) The presence of chloroplast or chloroplast

Page 11

1f – option

a) Ferns have vascular tissue, mosses don’t have

b) Mosses have vascular tissue, Ferns don’t have

c) Ferns are plants while mosses are protists

a is the answer

g – option

a) Angiosperms have cones, they also have leaves

b) Angiosperms have flowers; they have seeds that develop within fruits.

c) Angiosperms have tap root, they hav broad leaves.

B is the answer

2 variable answer

T.A. required

3a – option

a) The life cycle of mosses

b) The life cycle of a fern

c) The life cycle of a club mosses

b is answer

(b) Tracheophyta or tracheophytes or vascular plants.

(d) Sporophyte and gametophyte or gametophyte and sporophyte.

4 b – options

a) A pine b) A grass (c) A palm

a is answer

Page 12

1 a) Varied answer

T.A required

2

1- Annelida or Annelid or Annelids

2-

3- Coelenterata o Coelenterates

4- Mullusca or molluscs, mollusc

5- Echinordermala, Echinoderms

6- Arthropods, Arthropoda

2b T.A required

3b Gastra or Gastrapods or Gastrapod

C (i) Water (ii) Land or (i) Land (ii) water

d) A hebivore, Habivorous

It is also saprophytic or saprophyte

3e T.a required

4c T.a required

Page 14

e – Phylum Arthropoda or Arthropod or Arthropoda

(ii) – options

1. Presence of hair, straight legs, single wing
2. Tiny legs, small heads, double eyes
3. Presence of exoskeleton, Joint appendages, segmented bodies

C is the correct answer

4.ii

(ii) insect or insect or insects

(iii)- options

1. Leaches b) Hydra c) Sponges

A is the answer

C - insect or insects

I – ii – iii (T.A. required)

Page 15

1c Bladder worm

Bladder worm in beaf

2a – options

a) Throat and mouth

b) Hooks and suckers at the scolex(head)

c) Body segments and mouth

b is the answer

2b Beaf or cow meat

C phylum Aschelminthes or Aschelminthis

2d – T.A required

Page 16

Questions - Fishes

2a T.A required

1b bony fish or A bon fish

1d T.A required

2b – T.A

Amhibians

1b Amphibia or Amphibians

1c options

A)(i) Lizard (ii)turle (B) Snake and (ii)Snail

C(i) Nents (ii) Salamander

Page 17

2b as a whole T,A required 1- 8

Ii – T.A required

Pge 18

Reptiles

1b Subphylu Vertebrats , Subphylum vertebrate, vertebrate or vertebrats

c) option

a) Snake, Crocodiles Alligator

b) Frog, Toad, Salamander

c) Fish Frog, Tadpole

A is correct

2a T.A req

b) water and land habitat(s)

wate and land

land and water

land and water habitat(s)

T.A req for 2nd part of the question

A b 3a – T.A req

Page 19

Ave

1 – 7 T.A req

Page 20

Mammals

1b T.A required

2b Pentadactyl, Pentadactyl plan, Pentadactyl pattern

2c Three parts , 3, Three, Three parts for most mammals

3b - options

(a) Warm bloodedness; internal fertilization; Four chambered heart

(b) Joint legs; Two chambered heart, external fertilization

(c)Oviparity, Streamline bodies, Aquatic life

3c T.A r

I ii iii iv –T.A r

5(i), ii T.A req

Pge 21

1988 ssce 1c

7ii

T.A required

(b)ii T.A

1989 SSCE

1. T.A

3 T.A R

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June 1993

3. T.A

NOV 1989 coect this is the book

9a Mosquito larva not leaves

10 a,b,c; T.A. req