

SA -I

8th Class Biological Science – Answer Key (AP SCERT)

■ SECTION – A (MCQs) ANSWER KEY

Q.No Answer

- 1 A) Frog
- 2 C) This method is done in females whose oviducts are blocked
- 3 B) Drink boiled and cooled drinking water
- 4 D) It requires cool environment and dry weather
- 5 B) 1 and 2 only
- 6 A) Paramecium
- 7 D) A is false, R is true
- 8 A) Drip irrigation
- 9 C) Cloning is an example for sexual reproduction (Incorrect)
- 10 B) Eggs sold in markets are not fertilised

■ SECTION – B (Short Answer Questions)

Each question carries 2 marks

11) What do we call the unwanted plants growing along with crops? How can we control them?

Unwanted plants growing with crops are called Weeds.

They can be controlled by weeding, tilling, hand-picking, and using weedicides.

12) Raju is taking excessive antibiotics. Is it correct? What precautions must be taken?

No, taking excessive antibiotics is not correct.

Precautions:

1. Take antibiotics only with doctor's prescription.

2. Complete the full course as prescribed.

3. Do not take leftover antibiotics.

13) Write any two differences between egg and sperm.

Egg

Sperm

Large and non-motile

Small and motile

Formed in ovary

Formed in testes

One egg releases per cycle

Millions of sperms released

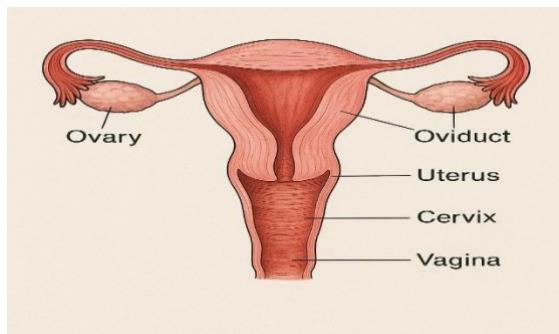
■ SECTION – C (Long Answer Questions)

Each question carries 4 marks

14) List four food preservation methods used at home. Give examples.

1. Drying – Red chillies, grains
2. Salting – Fish
3. Pickling – Mango pickle
4. Refrigeration – Milk, vegetables

15) Draw a neat labelled diagram of Female Reproductive System



■ SECTION – D (Very Long Answer Questions)

Each question carries 8 marks

16 A)

(i) Which organism causes Polio?

Virus

(ii) Give an example for a bacterial disease.

Tuberculosis

(iii) How can we prevent Malaria?

Use mosquito nets, repellents, remove stagnant water, spray insecticides.

(iv) What is the mode of transmission of Chicken pox?

Air and contact

OR

(16 B)

Classify the animals into oviparous & viviparous. Mention two external features.

Oviparous (egg-laying):

Hen, Ostrich, Crocodile

Viviparous (give birth to young ones):

Cat, Dog, Cow

External features for classification:

1. Presence of nipples in viviparous animals
2. Wings/beak in oviparous birds
3. Body covering (feathers for birds, scales for reptiles)
4. Mammals have hair/fur

17 A) What is asexual reproduction? Explain any two types.

Asexual reproduction is the formation of new individuals without fusion of gametes.

Two methods:

1. Budding (Hydra) – small bud grows and detaches
2. Binary fission (Amoeba) – parent divides into two equal cells

OR

17 B) Explain steps of agriculture and their importance.

1. Preparation of soil

Loosens soil, improves aeration and water holding capacity.

2. Weeding

Removes weeds that compete for nutrients.

3. Modern irrigation methods

Drip/sprinkler irrigation saves water.

4. Storage of grains

Protects grains from pests, insects and moisture.

Prepared by ...

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