

Silver grove school

Annual examination

Class 8

BIOLOGY

MM:- 40

Instruction :-

SECTION -A

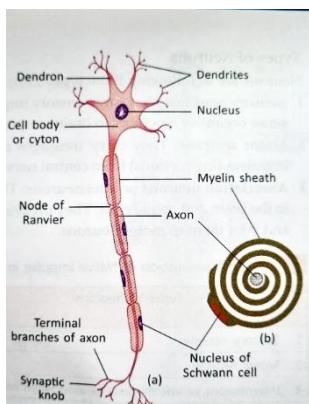
Question 1. Choose the correct option for the following question

[0.5×10=5]

- 1) Curd is obtained by the action of
 - a) bacterium
 - b) alga
 - c) fungus
 - d) virus
- 2) Apiculture is the practice of rearing
 - a) Crop farming
 - b) animal husbandry
 - c) Bees
 - d) silk moth
- 3) Influenza is transmitted by
 - a) Droplet infection
 - b) Contaminated water
 - c) Soil
 - d) Food
- 4) AIDS is caused by a
 - a) Bacteria
 - b) Virus
 - c) Plasmodium
 - d) Protozoa
- 5) This is not a Rabi crop
 - a) Wheat
 - b) Gram
 - c) Cotton
 - d) Pea
- 6) Consider the labelled diagram of a neuron below.

Which part of the neuron receives signals from other neurons and conducts them towards the cell body?

- a) Axon.
- b) Synapse
- c) Dendrites
- d) Myelin



- a) Both assertion and Reason are true
- b) Both assertion and Reason are false.
- c) Assertion is true but Reason is false
- d) Assertion is false but Reason is true

7) Assertion:- *Salmonella Typhi* causes typhoid.

Reason:- *Salmonella* is a bacteria.

8) Silver revolution refers to increased production of

- a) Fish
- b) Egg
- c) Milk
- d) Rice

9) What branch of agriculture deals with cultivation of flowers?

- a) Horticulture.
- b) Pisciculture
- c) Silviculture.
- d) Apiculture

10) Sudden and widespread occurrence of disease in an area

- a) Endemic
- b) Sporadic
- c) Pandemic
- d) Epidemic

Question 2. Find the odd one out from the following.

[0.5×4=2]

1. Proteins, antibodies ,vaccine, cancer
2. Scurvy,goitre,thalassemia,influenza
3. Attenuated , killed germ , inactivated germ, Antibiotic
4. Rice , Wheat , Maize ,Groundnut.

Question 3. Match the following Column.

[0.5×4= 2]

Column A.	Column B
1) Manure	a) Organic waste
2) Apiary	b) Cow pox
3) Edward jenner	c) Artificial beekeeping.
4) Polio	d) Pulse polio programme

Question 4. Fill in the blank's with appropriate words and complete the paragraph.

[3]

The improvement in the production of _____ and other _____ during the period 1960-80 is described as _____ in India agriculture. It is known as the _____. The food production was _____ to such an extent that our country became self sufficient in food production because of development of _____ of Rice , Maize , Bajra ,Sugarcane.

Question 5. Arrange the following in a logical sequence starting from underlined word.

[4]

- i) Bacteria , infection, entry , contact with contaminated product.
- ii) Culling of curd ,Pasteurized milk , coagulation of milk, production of cottage cheese
- iii) Reeling, Silk moth , Eggs , cocoon , Caterpillars ,Boiling of cocoon
- iv) Transplantation, Sowing , germination , Caring , harvesting

SECTION B

Attempt all

Question 5. Answer the following question in brief.

[5×1=5]

- i) Why is organic farming better than chemical based farming?
- ii) Describe Apiculture
- iii) List deficiency symptoms of Nitrogen
- iv) Describe how high yielding varieties are developed
- v) What was green revolution?

Question 6. Case based questions:-

[2×2=4]

- i) Aruhi went on a trip to village she saw a large dairy farm with number of cows under a shed someone told her that these cows are not Indian breeds ? She now has questions answer them
 - a) What do you mean by breed?
 - b) Why Indian cows are not present in the dairy farm why foreign cows are present
 - c) What is white revolution.
- ii) Serious damage to nervous system, brain damage and seizures, adverse effects on respiratory and circulatory systems, increased chance's of heart attack and cardiac failure these are harmful effects
 - a) What do we call substances that induce sleep, feeling of well being , excitement.
 - b) What is other name for such substances
 - c) Give example of such substances .

SECTION C

Question 5. Answer the following in detail.

[5×3=15]

- 1) Draw a well labelled schematic diagram of systemic circulation, and brief about it.
- 2) **Make** a flow chart on disease and its modes of transmission
- 3) **Make** a list of Microorganism and there uses in food industry
- 4) **What is a vaccine ? How is it made and why is it made explain.**
- 5) **What leads to loss in food production?**