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PHOENIX PUBLIC SCHOOL

ISANPUR, AHMEDABAD - 382443.

IVABC

DATE :	SUBJECT :	Roll No. :
STD. : <u>IVABC</u>	Suppl. No. :	Supervisor's Sign./

Sub: Science Revision of FA-I

Q1) Tick the correct option :-

1) Sun is the main source of heat energy on the _____.

- (a) Moon (b) Space (c) Earth (d) None of them.

2) What is needed by the plants to synthesize their food _____.

- (a) Oxygen (b) Nitrogen (c) Carbon dioxide (d) None of these.

3) Human beings are polluting all the natural resources for their own _____.

- (a) Loss (b) Requirement (c) Benefit (d) None of these.

4) What is the essential part of protein needed for the growth of the body.

- (a) Minerals (b) vitamins (c) Nitrogen (d) None of them.

5) The air becomes thinner and thinner as we go _____.

- (a) down (b) up (c) higher (d) All of these.

6) The food is stored in plants in the form of _____.

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(a) Starch (b) glucose (c) Sugar (d) None of them.

7) The process of making food by the plants is called - - - -

(a) Air (b) water (c) solar energy (d) photosynthesis

8) The female birds lay eggs in the - - - -

(a) Burrow (b) Den (c) nest (d) Shallow.

9) Who gives birth to their babies directly.

(a) Mammals (b) Human beings (c) plants (d) Both a & b.

10) How many eggs does housefly lays at a time?

(a) 150 (b) 100 (c) 50 (d) 200.

11) Which two reptiles animals dig shallow of pits near river banks and lay egg?

(a) Turtles (b) Crocodiles (c) cows (d) Both a & b.

12) A females frogs lays eggs at a time in a pond or lake?

(a) Tens (b) hundreds (c) thousand (d) None of them.

13) Each egg hatches to produce a young one called - - - -

(a) Pupa (b) larva (c) Nymphs (d) None of them.

14) How many stages does grasshoppers and Cockroaches pass the life cycle?

(a) 2 (b) 4 (c) 3 (d) 5.

15) After certain stages who's tail disappear slowly? - -

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(a) Snake (b) Cow (c) frog (d) housefly.

16) What is very essential for many reactions that are taking place in our body?
(a) water (b) food (c) Nutrients (d) None of them.

17) Human body contains water ---
(a) 80%. (b) 75% (c) 60% (d) 90%.

18) People who need oxygen cylinders are ---
(a) mountaineers (b) divers (c) patients
(d) All of them.

19) Atmosphere is a thick layer of ---
(a) water (b) sand (c) soil (d) air.

20) If we destroy plants we harm ---
(a) ourselves (b) other animals
(c) Both of them (d) None of them.

21) The yellow portion of a bird's egg is called ---
(a) larva (b) shell (c) yolks (d) caterpillar

22) The caterpillar forms a shell is called ---
(a) pupa (b) larva (c) embryo (d) Cocoon.

23) Snakes lay their eggs on the ---
(a) nest (b) water (c) ground (d) None of them.

24) Most fish lay eggs in ---
(a) nest (b) water (c) ground (d) None of them.

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25) The eggs then go through several stages before becoming insects, this process is called _____
(a) Birth (b) hatching (c) Metamorphosis
(d) None of them.

Q2) A Fill in the blanks :-

- 1) Green leaves make food for the plants.
- 2) Roots absorb water and minerals from the soil.
- 3) Plants and animals depend on each other.
- 4) Plants are able to make their own food.
- 5) All living beings need oxygen to get energy from their food.
- 6) Mammals have hair on their bodies.
- 7) A body comes out of an egg in some days.
- 8) The egg hatches to give out the baby bird.
- 9) The process by which one living thing makes more of its own kind is called Reproduction.
- 10) The animals with a pouch on their body to carry their young ones is called Marsupials.

B Write True OR False :-

- 1) All insects lay eggs. [True]
- 2) Animals that have hair on their bodies do not lay eggs. [True]
- 3) Mammals give birth to their young ones directly. [True]
- 4) All kinds of fish and frogs lay eggs in water. [F]
- 5) Eggs of birds must be kept warm to develop into young ones. [True]
- 6) An egg of an animal always hatches into a fully developed animal. [F]



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- 7) Sunlight is harmful for plants. [F]
- 8) The green pigment of leaves is called chlorophyll. [T]
- 9) Carbon dioxide is given out during breathing. [T]
- 10) Plants and animals depend on each other. [T]
- 11) Atmosphere circulates the heat over the earth. [T]
- 12) Water is not required for the germination of seeds. [F]

Q3) A DEFINE THE FOLLOWING :-

- 1) Reproduction :- The process by which new living beings resembling their parents produced, is called reproduction.
- 2) Albumin :- A colourless substance which surrounds the yolk is called albumin.
- 3) Moulting :- The process of shedding of old skin is called moulting.
- 4) Marsupials :- Animals that carry their babies in their pouch are called Marsupials.

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5) Metamorphosis :- The eggs of insects go through several stages before becoming adult insects. This process is called metamorphosis.

B \Rightarrow Write Question & Answer :-

Q1) Why is life possible only on the planet earth?
Ans The earth has all the things which are essential for life.

Q2) Why do we need oxygen for breathing?
Ans We need oxygen to get energy from our food. Oxygen burns the food to produce energy.

~~Q3) Why do we need water?~~
Ans Water is very essential for many reactions that are taking place in our body. Plants need water to help them grow and produce food in their leaves.

Q4) Why do living beings need water?

Q3) What things do plants need to make their ^{food}?
Ans Carbon dioxide, water and sunlight.

Q5) Where do human beings get their energy from?
Ans The food is burnt up slowly in living bodies of human beings to give them heat and energy.

Q6) What things are needed for life?
Ans Air, water, mineral, sunlight and warmth.

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Q7) What things maintain just the right amount of warmth on earth?

Ans Air and water.

Q8) Why do animals reproduce? What is reproduction for life to go on, each living being should leave behind one of its own kind. The process by which new living beings resembling their parents are produced is called reproduction.

Q9) How do birds reproduce?

Ans Birds lay eggs to reproduce.

Q3) What is hatching?

Ans When the young ones are fully developed, they break open the shell of the egg and come out. This process is known as hatching.

Q4) What are the four stages in the life of a butterfly?

Ans Eggs \rightarrow larva \rightarrow pupa \rightarrow adult butterfly.

Q5) Why do some animals lay eggs in large numbers?

Ans Because all do not get sufficient heat and some are eaten by other animals.

Q6) What are the stages in the life cycle of a frog?

Ans Eggs \rightarrow tadpole \rightarrow adult frog.