



ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER

HALF YEARLY EXAM SESSION 2025 – 26

CLASS – IV

SUBJECT : SCIENCE

TIME: 3 HRS

M.M:80

(10x1=10)

1. Choose the correct option:

- (a) Butterfly hasstages in its life cycle.
- (i) 3 (ii) 4 (iii) 2 (iv) 5
- (b)is when animals leave their habitat for better climate.
- (i) Hibernation (ii) Aestivation (iii) Migration (iv) Adaptation
- (c) works with juices from liver and pancreas
- (i) Large intestine (ii) Teeth (iii) Germs (iv) Small intestine
- (d) Food pipe is also known as
- (i) Incisors (ii) Pancreas (iii) Oesophagus (iv) Canines
- (e) is sticky, colorless film of bacteria on teeth.
- (i) Cavity (ii) Plaque (iii) Scurvy (iv) Dentin
- (f) Arctic tern shows.....
- (i) Migration (ii) Hibernation (iii) Camouflage (iv) Echolocation
- (g) A cow protects its young with its.....
- (i) Tail (ii) Jaws (iii) Horn (iv) Legs
- (h) have hollow bones filled with air sacs.
- (i) Birds (ii) ducks (iii) frog (iv) whales
- (i) Animals that can fly are____.
- (i) Arboreal (ii) Aquatic (iii) Aerial (iv) Rodents
- (j) Animals that give birth to young ones are called.....
- (i) Mammals (ii) Insects (iii) Chrysalis (iv) Aquatic

2. Fill in the blanks

(8x1=8)

- (a) An egg shell is covered with as many as 17000_____ pores.
- (b) ____ is capable of drinking water at temperatures that approach the boiling point.
- (c) Microbes which cause diseases are _____.
- (d) Tadpole lives with a _____tail
- (e) Fish have _____to live in the water.
- (f) The egg white is known as_____.
- (g) Air enters and leaves the plant through _____.
- (h) Most _____ foods contain a lot of sugar, salt or fat.

3. State whether the following statements are true or false

(8x1=8)

- (a) A dragonfly has five stages in its life cycle.
- (b) The crown of tooth is covered with enamel.
- (c) Saliva hardens the food.
- (d) Proteins are energy -giving nutrients.

- (e) Milk teeth are 20 in numbers.
- (f) Some microbes are harmful.
- (g) Fish have fins and gills to live in water.
- (h) Pores in plants are called stomata.

4. Give one word answer .

(10x1=10)

- (a) Name a part which lies under the enamel of tooth.
- (b) Name a stage that comes in frog life cycle after egg.
- (c) Name the floating clump of frog eggs.
- (d) Where do female butterfly lay its eggs.
- (e) Which fruit is rich in gum-building vitamin C.
- (f) Name the animal whose shells look like rocks.
- (g) Which bird has the capability of drinking water at a high temperature?
- (h) What is the another name of food pipe?
- (i) Name a microbe.
- (j) Which substance helps to soften the food in mouth?

5. Short answer questions-

(8x3=24)

- (a) Why we should not eat sugary snacks?
- (b) Why do animals need to adapt?
- (c) What are tooth enamel and dentin?
- (d) How do birds protect their babies?
- (e) What is the work of body's digestive system?
- (f) Why is it necessary to wash fruits before eating them?
- (g) What is metamorphosis?
- (h) Why do birds migrate?

6. Long question- answers- (Do any 2)

(2x5= 10)

- (a) How can we look after our teeth?
- (b) What are the stages of frog's life cycle?
- (c) What are the adaptive features of a camel?

7. Draw the following diagrams.

(2x5=10)