

PONDA SCHOOLS' ASSOCIATION
FIRST SUMMATIVE EXAMINATION, OCTOBER 2018

SCHOOL : _____

SEAT NO. :

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(In Figures)

SEAT NO. :

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(In Words)

STD. : VII

DIV. :

Sub : SCIENCE (Question-Cum-Answer Paper)

Language of answer _____

Date : 27-10-2018

Time : 2 hours.

Max. Marks : 50

Supervisor's Signature with date : _____

Questions	Marks Obtained	
	Examiner	Moderator
1		
2		
3		
4		
5		
Total :		

- Q. 1 A) Select and write the correct alternative from those given in the brackets below each statements. (1)
- 1) The plants get carbondioxide from the air for photosynthesis from _____
(root hair, Stomata, leaf veins, Sepals)
- 2) Normal range of breathing rate per minute is an averages adult person at rest is _____
(9-12, 15-18, 21-24, 30-33)
- B. Name the following (2)
- 1) A dark funnel shaped cloud that reaches from sky to ground _____
- 2) The cool air from the land moves towards the sea _____
- C) Answer the following (2)
- 1) What is conduction?
- _____
- _____
- _____

2) Write any two precautions to be taken staying in a cyclone hit areas. (2)

3) What is meant by reeling the silk? (1)

D) Suggest two methods to find out wind directions at a given place (2)

1)

2)

Q. 2 A) Match the items of column I with suitable item in column II and write the correct answer in III (2)

Column-I	Column-II	Column-III
1. Stomach	a) Saliva	_____
2. Liver	b) egestion	_____
3. Rectum	c) bile juice secretion	_____
4. Salivary glands	d) gastric juice	_____

B) Given below is a sequence of steps in processing of wool write the missing steps. (2)

1) Shearing 2) _____ 3) Sorting 4) _____ 5) _____ 6) _____

C) How do elephants living in the tropical rainforest adapt themselves. (Write Any 4) (2)

D) Write any two points difference between acids and bases (2)

Acids Bases

1) i)

2) ii)

E) Complete the following equations (2)

1) Magnesium oxide (MgO) + Water (H₂O) → _____

2) Vinegar (Acetic acid) + Baking soda (NaOH) → _____

Q. 3 A) Select and write the most correct alternatives from those given below each statement and fill in the blanks (1)

1) The normal temperature of human body is _____ (35, 36, 37, 38)

2) In cockroaches air enters the body through _____ (lungs, gills, nose, spiracles)

B) Answer the following questions

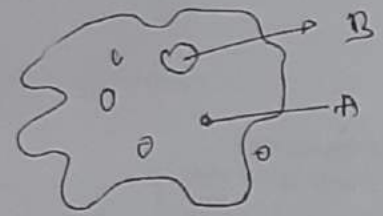
1) What is soil profile (2)

2) What is cellular respiration (2)

c) Indicate the type of climate of the following area. (1)

- 1) Kerala _____
- 2) Rajasthan _____

D) Observe the given diagram of Amoeba and answer the questions given below. (2)



1. What is Amoeba?

2. Name the following

- A) _____ B) _____

E) Distinguish between a parasite and a saprotroph (2)

- 1) Parasite _____
- 2) Saprotroph _____

Q. 4 A) Match the item in column A with the correct item from column B and write the correct answer in column C (2)

Column - A	Column - B	Column - C
i) Acetic acid	curd	_____
ii) Formic acid	spinach	_____
iii) Lactic acid	Vinegar	_____
vi) Oxalic acid	Ant sting	_____

B) Observe the correlation in the first pair and complete the second pair (1)

- i) Fish : Gills Earth worm : _____
- ii) Sodium Hydroxide : Soap Calcium Hydroxide : _____

C) Score out the wrong word in each of the following statements to make scientifically correct (1)

- i) Acids are bitter / sour in taste
- ii) Bases turns red litmus green / blue

D) Draw a neat diagram of human respiratory system & mark (2)

- 1) lungs 2) pharynx

E) Answer the following questions (4)

- 1) An antacid tablet is taken when we suffer from acidity. Why?

- 2) What are conductors ?

3) What is galvanization?

4) Why the tropical rainforest has large population of animals?

Q. 5 A) Select and write most correct alternative from those given statement and fill in the blanks (1)

- 1) The water holding capacity is highest in _____
(Sandy soil, loamy soil, clayey soil, mixture of sand and loam)
- 2) The hotness of an object is determined by its _____
(Thermometer, temperature, Celsius, Fahrenheit)

B) Classify the following into physical and chemical changes _____ (2)

- i) Burning of coal _____
- ii) Digestion of food _____
- iii) Rusting of iron _____
- iv) Melting of wax _____

C) Answer the following questions (3)

1) How is clayey soil useful for crops.

2) What is humus?

3) What is Weathering

D) Name the following (2)

1) Green coloured pigment present in leaves

2) An animal fiber

E) Which features do polar bears adapt to live in extremely cold climate (Any 4) (2)

THE END