

II SEMESTER EXAMINATION 2017-18

STD: IX

SUBJECT: SCIENCE II

MARKS: 40

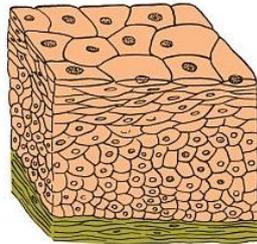
DATE: 12/04/2018

TIME: 2 HRS

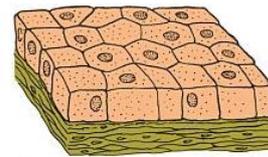
Q1A Do as directed:

5

1. Find the odd one out:  
Onion, Cycas, Picea, Thuja
2. Find the odd one out:  
Erythromycin, Ampicillin, Amoxicillin, Tetracycline.
3. What is an operating system?
4. What is weather?
5. Identify the following:



a.



b.

Q1 B Rewrite the following statements by choosing the correct option:

5

1. Which of the following pyrimidine is absent in RNA?
  - a. Adenine
  - b. Cytosine
  - c. Uracil
  - d. Thymine
2. maintains the body's balance.
  - a. Cerebrum
  - b. cerebellum
  - c. spinal cord
  - d. pons
3. The numerous, small, branched fibres that arise from the cell body of nerve cell are called .
  - a. Axons
  - b. tracheids
  - c. dendrites
  - d. sieve tubes

4. Which of the following is a mitochondrial disorder?

- a. Down's syndrome
- b. Optic neuropathy
- c. Cleft lip
- d. Spina bifida

5. Bones consist of osteocytes embedded in solid ground substance made up of .

- a. Calcium phosphate
- b. Calcium bicarbonate
- c. Calcium carbonate
- d. Calcium silicate

**Q2 Answer in brief (Any 5):**

**10**

1. Write a note on peripheral nervous system.
2. Write a note on Monogenic disorders.
3. Complete the table:

<b>Connective tissue</b>	<b>Location</b>	<b>Structure</b>
Areolar tissue		
Adipose tissue		

4. Explain the construction of Galileo's telescope.
5. Write the uses of Lactobacilli.
6. Distinguish between degradable and non-biodegradable waste.
7. Write a note on transpiration.

**Q3 Answer in brief (Any 5):**

**15**

1. Write a note on agro-complementary business.
2. What are the difficulties in using ground based optical telescopes? How are they overcome?
3. Explain Mendel's monohybrid progeny with the help of any one cross.
4. Name the hormones of the pituitary gland and mention their functions.
5. Explain chemotropic movements in plants.
6. Sketch and label reflex action.
7. Write a note on Down's syndrome.

**Q4 Answer in detail (Any 1)**

**5**

1. Define the term tissue and explain the concept of tissue culture.
2. Explain the structure, function and types of RNA.