

*Thakur Educational Trust's (Regd.)*  
THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE  
II Term Exam 2018- 2019  
Subject: Geography.

Name: \_\_\_\_\_ STD: VIII Div: \_\_\_\_\_ Roll No: \_\_\_\_\_  
Marks: 40 Date: 05/02/ 2019 Time: 2 Hrs.

**QI) Choose the correct option and complete the sentence: - (4)**

1. The circulation of ocean water as vertical movement is known as \_\_\_\_\_.  
(isobate/thermosphere/ thermohaline)
2. The amount of vapour in 1 cu.m of air shows the \_\_\_\_\_.  
(Relative humidity/ absolute humidity/ variable humidity)
3. The inner core is in \_\_\_\_\_ state.  
(Semi-solid / solid / gaseous)
4. \_\_\_\_\_ is the average income earned by per person over a time of an year in a given area.  
(Annual income/ Pension income/ Per Capita income)

**QII) Match the following: - (4)**

- | A                    | B                     |
|----------------------|-----------------------|
| 1. Nimbostratus      | - Layers of sediments |
| 2. Sedimentary rocks | - European coast      |
| 3. Dogger Bank       | - Land without crops  |
| 4. Fallow land       | - Low altitude        |
|                      | - Medium altitude     |

**QIII) State whether the statements are right or wrong. Correct the wrong ones (3)**

1. The population density of a region can be understood from its area.
2. Continental crust is made up of silica and magnesium.
3. Ocean currents hold great importance for human life.

**QIVA) Answer in one sentence each: - (4)**

1. What are the disadvantages of industrial development?
2. Name the different layers of the interior of the Earth.
3. What is continental shelf ?
4. How is the discharge of water in the ocean measured?

**QIVB) Differentiate between: - (Any 1) (2)**

1. Warm Current and Cold Current.
2. Medium industries and Heavy industries.

**QV) Look at the figure and answer the following questions (4)**

1. Name the industry at Jamshedpur.
2. Which raw material is required for this industry?
3. From which areas is this raw material obtained?
4. Name the nearest port shown in the figure.

**QVI) Give geographical reasons: - (Any 3) (6)**

1. Air becomes saturated.
2. The study of age structure is important.
3. Brazil is called "Coffee Pot" of the world.

4. Land use for public facility is extremely important in urban areas.

**QVII) Prepare bar graph on the basis of the table given below and write a note :- (5)**

<b>Sr. No.</b>	<b>Country</b>	<b>% of Literacy</b>
1	Argentina	98.1
2	India	72.1
3	Pakistan	56.4
4	Afghanistan	38.1
5	China	96.4

**QVIII) Answer in brief (Any 2) (8)**

1. What problems did Brazil and India face after independence?
2. Clarify the differences between rural and urban land use.
3. Explain the meaning of Mean Sea Level.

**Best of Luck**

*Thakur Educational Trust's (Regd.)*

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

II Terminal Exam 2018- 2019

Subject: History/ Civics.

Name: \_\_\_\_\_ STD: VIII Div: \_\_\_\_\_ Roll No: \_\_\_\_\_

Marks: 60  
2hrs30mins

Date: 9/02 /2019

Time:

**HISTORY**

**Q1. A. Fill in the blanks in the given statements choosing the correct alternative from the brackets.**

**(4)**

1. \_\_\_\_\_ was the Governor General who annexed the princely states.  
(Lord Canning ,Lord Dalhousie ,Lord Curzon)
2. Arya Samaj was founded by Swami Dayanand Saraswati in \_\_\_\_\_  
(1873,1875 ,1897 )
3. \_\_\_\_\_ wrote the Geeta Rahasya .(Bipin Chandra Pal ,Lokmanya Tilak ,Lala Lajpat Rai)
4. \_\_\_\_\_ suggested Gandhiji to tour the entire nation when he returned from South Africa .(Dadabhai Nowrojee ,Gopal Krishna Gokhale , Surendranath Banerjee )

**Q1. B. Identify the wrong pair and rewrite the corrected one.**

**(4)**

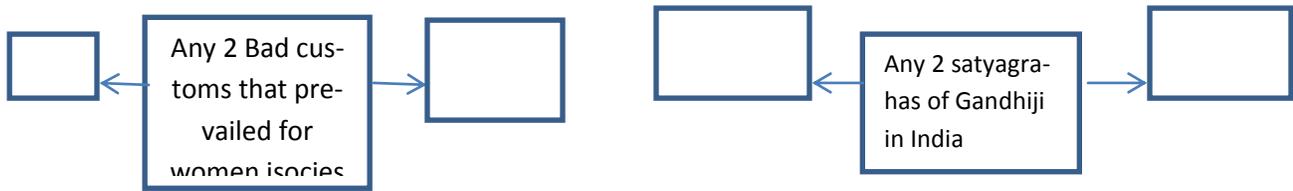
- a. 1.C.V. Raman –Nobel Prize  
2.Patit Pawan Temple –Ratnagiri  
3.Mahatma Phule - 1<sup>st</sup> school for girls in Pune  
4.Dr.Keshav Baliram Hedgewar –established Paramhansa Sabha
- b. 1.The first president of Indian National Congress-Wyomesh Chandra Banerjee  
2..Assassinated Rand - Chafekar Brothers  
3.Lala Lajpat Rai ,Lokmanya Tilak -Moderate Leaders  
4.Lord Curzon -Partition of Bengal
- c. 1.Azad Dasta -Bhai Kotwal  
2.Lal Sena -General Awari  
3.Azad Hind Government -Usha Mehta  
4.Krantisinh Nana Patil -Parallel Government
- d. 1.Gadkaris - Kolhapur  
2.Kolams - Chota Nagpur  
3.Santhals -Bihar  
4.Gonds -Maharashtra

**Q2. A. Complete the following concept map. (any 2)**

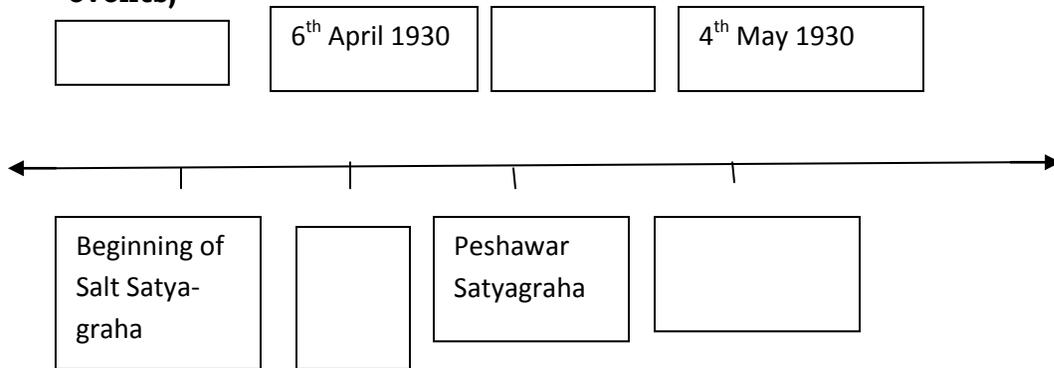
**(4)**

1)

2)



**2) Timeline of Civil Disobedience Movement: (Fill in the boxes with dates and events)**



**Q2. B.Short Notes. (any 2)**

(4)

1. Champaran Satyagraha
2. Dandi March
3. Inspirational contribution of Shirishkumar
4. Orientalist Historiography

**Q3.A.Explain the following statements with reasons.(any 2)**

(6)

1. The working of Interim Government could not run smoothly .
2. Chafekar Brothers killed Rand.

3. The Parallel Government became a source of inspiration to the people.
4. The Government declared Martial Law at Solhapur .
5. The Indians boycotted the Simon Commission.

**Q3. B. Answer the following in 25-30 words (any 2)**

(6)

1. What appeal did Gandhiji make to the people ?
2. Which demand was advocated by Barrister Jinnah?
3. Who received the Nobel Prize and in which field?

**Q4. Read the passage and answer the questions given below.**

(4)

Dr.Babasaheb Ambedkar represented the Dalits in the Round Table Conference .He demanded separate electorates for the Dalits .After the Second Round Table Conference the British Prime Minister Ramsay MacDonald declared Communal Awards. According to it the Dalits were given separate electorates. Gandhiji went on fast unto death at Yerwada jail protesting against the granting of separate electorate on the basis of caste.

QUESTIONS :

- 1.To whom did Babasaheb Ambedkar represent ?
- 2.What was the demand of Babasaheb Ambedkar ?
- 3.Who declared the Communal Award ?
- 4.Why did Gandhiji fast unto death ?

**Q5. Answer in detail. (any 2)**

**(8)**

1. Explain Kakori Conspiracy.
2. Why was 16<sup>th</sup> August declared as the Direct Action Day and state its effect ?
3. Write about Anti Partition Movement in short.

**CIVICS**

**Q6. Fill in the blanks.**

**(4)**

- 1.The President appoints \_\_\_\_\_distinguished personalities to the Rajya Sabha.(2 8,12 )
- 2.In India ,the executive power is vested in the \_\_\_\_\_.(Speaker,Prime Minister, President )
- 3.Currently there are \_\_\_\_\_High Courts in India. (24 ,22 ,29)
- 4.The member of Vidhan Sabha is called \_\_\_\_\_.(MP ,MLA,MLC )

**Q7. True or False with reasons. (any 2)**

**(4)**

1. Judiciary in India is an integrated system.
2. States in India have been formed on the basis of religion .
3. The Prime Minister appoints the Governor of the State.

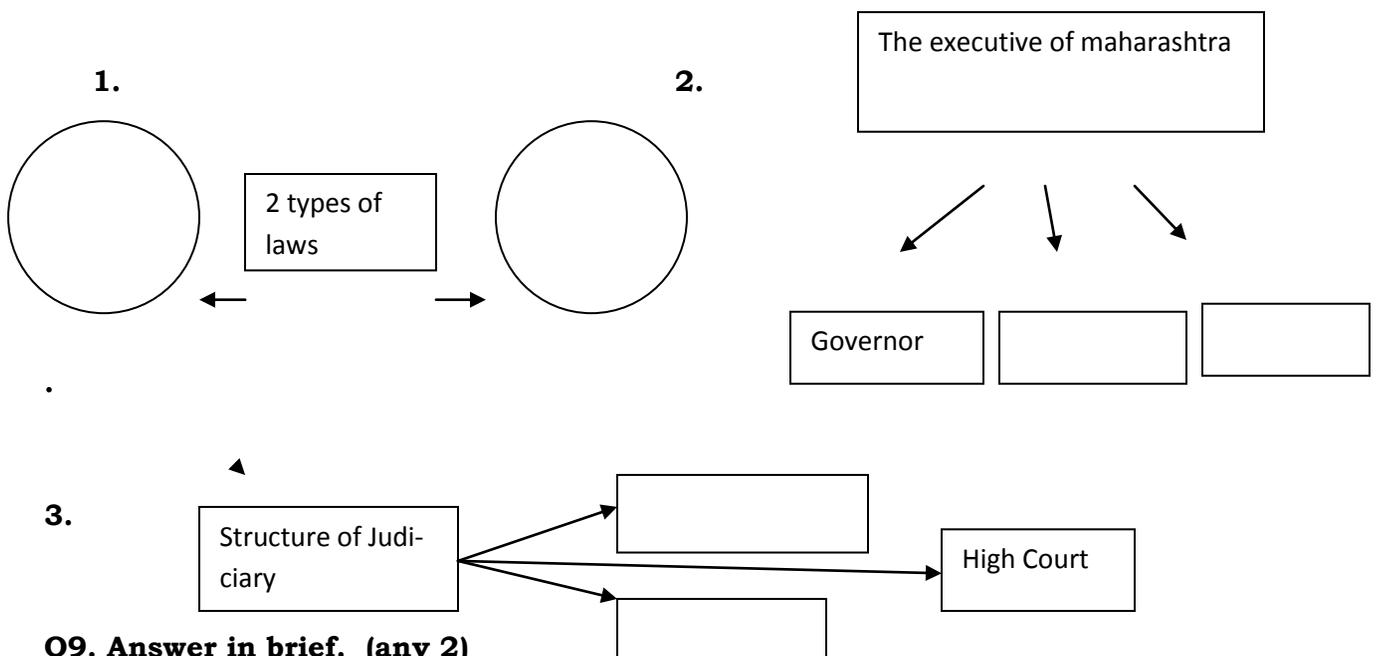
**Q8. A. Short Notes. (any 2)**

**(4)**

- 1.Public Interest Litigation
- 2.Governor
- 3.Jumbo Ministry

**Q8. B. Complete the following concept maps. (any 2)**

**(4)**



**Q9. Answer in brief. (any 2)**

**(4)**

- 1.Enumerate the functions of the Supreme Court
- 2.Enumerate the functions of the Council of Ministers .
- 3.Why did the Constitution adopt a federal system for India?

**BEST OF LUCK**

*Thakur Educational Trust's (Regd.)*

THAKUR VIDYA MANDIR HIGH SCHOOL & JR. COLLEGE

II TERMINAL 2018- 2019

Subject: Maths

Name: \_\_\_\_\_ STD: VIII Div: \_\_\_\_\_ Roll No: \_\_\_\_\_

Marks: 80 Date: 4/02/2019 Time: 2hr. 45 minutes

**Q 1A) Solve any eight out of nine questions.**

(8)

1. Write  $\frac{3}{5}$  in decimal form.
2.  $(3^4)^5 = 3^{\dots}$
3. The point of concurrence of medians of a triangle is called \_\_\_\_\_.
4. Express fifth root of 13 in index form.
5. If one diagonal is the perpendicular bisector of the other diagonal, then the quadrilateral is called a \_\_\_\_\_.
6. What is the mean of 5, 7, 9, 11?
7. Solve  $x-2=7$ .
8. Write any one quadratic equation.
9. The figures which exactly coincide with each other are called \_\_\_\_\_ figures.

**Q 1 B) Solve any four out of five questions.**

(8)

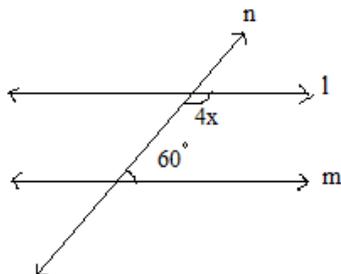
1. Find the cube of (-6)
2. Expand  $(m-4)(m+6)$
3. Divide  $40a^3 \div (-10a)$
4. Find 4% of 300.
5. Write the following quadratic equation in the form  $ax^2+bx+c=0$ .

$$(x-1)^2=2x+3$$

**Q 2 A) Solve the following MCQ questions.**

(8)

1. Which of the following is not a rational number?  
(a)  $\sqrt{16}$  (b)  $\sqrt{2}$  (c) 1.1457 (d)  $\frac{-22}{7}$
2. In the figure line  $l \parallel$  line  $m$  and line  $n$  is the transversal, then the value of  $x$  is  
a)  $15^\circ$  b)  $20^\circ$  c)  $60^\circ$  d)  $30^\circ$



- 3) 1728 is a perfect cube. What is its cube root?  
a) 12 b) 8 c) 6 d) 16
- 4) If the adjacent sides of a rectangle are 7cm and 12cm what is its perimeter?  
a) 38cm b) 19cm c) 28cm d) 48cm
- 5) What is the selling price of an article, if 8% discount is given on marked price on Rs 1500?

a) Rs 1620 b) Rs 1380 c) Rs1492 d) Rs1508

6)  $(-36x^4) \div 4x^2 = \underline{\hspace{2cm}}$

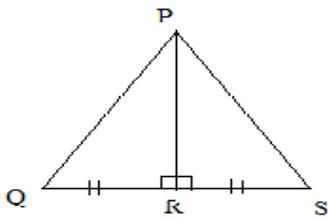
a)  $9x^6$  b)  $-9x^6$  c)  $9x^2$  d)  $-9x^2$

7) If  $x/3 + x/7 = 10$ , what is the value of x?

a) 10 b) 21 c) 4 d) 210

8) In the figure two triangles are congruent by test

a) Hypotenuse side b) SAS c) ASA d) AAS



**Q2 B) Solve any four out of five .**

**(8)**

1) Find the cube root of 343

2) Factorise:  $x^2 + 9x + 18$

3) Solve  $3x + 12 = 2x - 4$

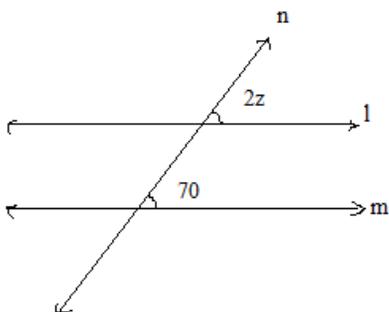
4) Construct a tangent to a circle with center P and radius 3.2 cm at any point M on it.

5) Construct  $\triangle MNP$  such that  $m\angle P = 75^\circ$ ,  $l(MP) = 6.2$  cm,  $l(NP) = 4.5$  cm

**Q3) A) Solve four of the five questions .**

**(8)**

1. In the figure, line  $l \parallel$  line  $m$  and line  $n$  is the transversal. Find the value of  $z$ .



2. If the length of the median AP of triangle ABC is 12 cm and G is the centroid, then find  $l(AG)$  and  $l(GP)$

3. Draw a square of side 3.8 cm

4. Vishwasrao bought a plot of land worth Rs 2,50,000 through an agent. How much commission did he pay to the agent at 2.5%?

5. Solve:  $\frac{x-9}{x-5} = \frac{5}{7}$

**Q 3 B) Solve any four of the five questions.**

**(8)**

1. Expand  $(k+4)^3$

2. Factorise:  $y^3 - 27$

3. If the marked price = Rs1700, selling price = Rs1540, then find the discount.

4. The weights of 10 boys from a team are recorded as follows:

55, 53, 48, 47, 54, 49, 64, 45, 55, 50. Find their mean weight

5. Simplify:  $\sqrt[3]{\frac{16}{54}}$

**Q 4) Solve any six out of seven questions .**

**(18)**

1. Show the number  $\sqrt{3}$  on the number line
2. Find the amount and the compound interest on Rs 2000 at the rate of 5 p.c.p.a for 2 years
3. Construct quadrilateral PQRS such that  $l(PQ)= 5.5$  cm,  $l(QR)= 5$  cm,  $l(PS)= 4.2$  cm,  $l(QS)= 6.1$  cm, and  $l(RS)= 7$ cm
4. The ratio of the weights of copper and zinc in brass is 13:7. Find the weight of zinc in a brass utensil weighing 700 gm
5. Factorise  $x^2-15x+54=0$
6. Draw a circle with center o and radius 3.5 cm. Take a point P at a distance 5.7 cm from the center. Draw tangents to the circle from point P

$$\frac{x^2-5x-24}{(x+3)(x+8)} \times \frac{x^2-64}{(x-8)^2}$$

7. Simplify:

**Q 5) Solve any two of the following.**

**(8)**

1. The following table shows the number of students in each of the four divisions of std 8 and the number of students passed in Mathematics.

Divisions	A	B	C	D
Number of students	55	56	52	50
Students passed in Mathematics	44	42	39	41

Show the information by a percentage bar graph.

2. The following table shows the number of students and the time they utilized daily for their studies. Find the mean time spent by students for their studies by direct method.

Time (hrs)	0-2	2-4	4-6	6-8	8-10
Number of students	7	18	12	10	3

3. The cost a note book is Rs5 more than that of a pen and the total cost of 4 pens and 5 note books is Rs88. Find the cost of one pen and one note book.

**Q 6) Solve any two of the three questions.**

**(6)**

- 1) Find k if  $x=3$  is a root of equation  $kx^2-10x+3=0$
- 2) In how many years will Rs 700 amount to Rs 847 at a compound interest rate of 10 p.c.p.a
- 3) Divide. Write the quotient and the remainder  
 $(3x+2x^2+4x^3) \div (x-4)$

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

II-TERMINAL EXAMINATION 2018- 2019

Subject: Science.

Name: \_\_\_\_\_ STD: VIII Div: \_\_\_\_\_

Roll No: \_\_\_\_\_

Marks: 80

Date: 11/02/2019

Time: 2hr

45 mins.

Science I

**Q1(A) Fill in the blanks :**

(5)

1) An electron carries a \_\_\_\_\_ charge .

(B) Name the following :

1) The colour of sodium vapour lamp light

(C) Match the column :

1) Proton

a) negatively charged

2) Electron

b) positively charged

(D) Write the correlation for the second pair :

a) carbon 2,3 :: fluorine :: \_\_\_\_\_

(E) State True or False and correct the false statement :

1) An atom is electrically neutral according to Thompson's plum pudding model .

**(B) Choose the correct alternative and rewrite the statement:**

(5)

1) The intermolecular force is \_\_\_\_\_ in the particles of solid.

a) minimum

b) moderate

c) maximum

d) indefinite

2) Tritium is an isotope of \_\_\_\_\_.

a) carbon

b) hydrogen

c) Oxygen

d) Uranium

3) An \_\_\_\_\_ is sour in taste .

a) acid

b) salt

c) alkali

d) alcohol

4) \_\_\_\_\_ consists of single type of atoms in a molecule.

a) Ammonia

b) Hydrogen chloride

c) bromine

d) methane

5) \_\_\_\_\_ is a electron donor.

a) Helium

b) chlorine

c) iodine

d) magnesium

**Q2) Answer the following : (any 5)**

(10)

1) Why large electric current cannot be obtained using a dry cell ?

2) What is potential difference ? Write its SI unit .

3) State the factors on which frequency of a tuning fork depend .

4) Why we heat the neck of a glass bottle in order to remove the firmly fitted stopper?

5) What is irregular reflection of light?

6) Define a chemical change and covalent bond.

7) How do metals react with water ? Explain with an example.

**Q3) Answer the following : ( any 5)**

(15)

1) Differentiate between permanent magnets and electromagnets .

2) Describe the construction and working of an electric bell.

3) Write a short note on purity of gold .

4) Explain the difference between acid and base .

5) Explain Respiration is a chemical change with a word equation .

6) How is sound produced in a loudspeaker?

7) Explain the difference between regular and irregular reflection .

**Q4) Answer the following :( any 1)**

(5)

1) Explain the experiment with a neat diagram to prove the following:

“ Sound needs a material medium for propagation”

- 2) A) Explain the construction of calorimeter .  
B) The normal armpit temperature in humans is 98.6F .What is the temperature in  
a) degree celcius b) Kelvin

## Science II

**Q5A) Name the following :**

**(5)**

- 1) Types of disasters  
(B) Fill in the blanks :  
1) The intensity of earthquakes are measured in \_\_\_\_\_ scale .  
(C) Who am I ?  
1) ATP producing factory  
D) Odd man out:  
Plague , AIDS , cholera , Tuberculosis  
E) State true or false and correct the false statement:  
1) Respiratory system and respiration begins with nose .

**C) Choose the correct alternative and rewrite the statement :**

**(5)**

- 1) Identify the instrument that is used for getting prior information about Earthquakes .  
a) Geiger counter      b) hygrometer      c) Calorimeter      d) Periscope  
2)BCG vaccine is given for -----.  
a) Dengue      b) Typhoid      c) Tuberculosis      d) AIDS  
3) Elisa test is done of diagnosis of -----.  
a) Chicken pox      b) AIDS      c) Hepatitis      d) Typhoid  
4) From which organelle the respiratory system of man begin ?  
a) trachea      b) lungs      c) alveoli      d) nose  
5) How many molecules of ATP are produced from one molecule of glucose?  
a) 26      b) 36      c) 38      d) 40

**Q6) Answer the following : ( any 5)**

**( 10)**

- 1) Write the characteristics of algae .  
2) What are pollutants ?  
3) What are inclusions of stroma ?  
4) What is the use of polyacrylic type of plastic ?  
5) Distinguish between arteries and veins .  
6) Distinguish between thermoplastic and thermosetting plastic.  
7) Write the functions of golgi complex.

**Q7) Answer the following :(any 5)**

**(15)**

- 1) Write a short note on bacteria and fungi .  
2) Mention the effects of soil pollution.  
3) Write a short note on cytoplasm.  
4) Write a short note on structure and functions of heart .



- 4) State the properties of acids.
- 5) Distinguish between physical change and chemical change.
- 6) How is sound produced in human larynx?
- 7) State Laws of reflection.

**Q.4 Answer the following: (any 1) (5)**

- 1) Explain why a clinical thermometer should not be washed with hotwater.

OR

- 2) Explain the experiment "Sound needs a material medium for propagation."

## SCIENCE II

**Q.5(A) Do as directed:**

**Name the following: (1)**

- i) Flammable liquid substances.

**Fill in the blanks. (1)**

- ii) ----- waves generated by earthquakes leads to tremors.

**Who am I ?**

- iii) Single layered but maintain cellular osmotic pressure. (1)

**State the odd man out and state its reason: (1)**

- iv) Malaria, Hepatitis, Elephantiasis, Dengue

**State True or False and rewrite the correct statement: (1)**

- v) A lung is on either sides of the heart in the abdominal cavity.

**(B) Multiple choice Questions:**

- 1) Which of the following instrument records the intensity of earthquakes? (5)

a) Lactometer b) Hygrometer c) Thermometer d) Seismometer

- 2) ----- is a hereditary disease.

a) Flu b) Dengue c) Malaria d) Downs Syndrome

- 3) ----- is spread by Aedes aegypti.

a) Malaria b) Cholera c) Cancer d) Dengue

- 4) Which of the statement given below is correct:

a) Food pipe in front of wind pipe.  
 b) Wind pipe in front of food pipe.  
 c) Wind pipe and food pipe not near to each other.  
 d) Wind pipe same as oesophagus and food pipe is called trachea.

- 5) From which organ does the respiratory system of man begin?

a) Trachea b) lungs c) alveoli d) nose

**Q.6 Answer the following : (any 5) (10)**

- 1) Write the characteristics of kingdom Protista.
- 2) What is pollution?
- 3) Write the functions of lysosomes.
- 4) Which material is used in coating of vehicles? Why?
- 5) How much blood is collected from a person during donation?
- 6) What are ecofriendly options for a plastic bag?
- 7) Define endocytosis.

**Q.7 Answer the following: (any 5) (15)**

- 1) Write a short note on Protozoa.
- 2) List the preventive measures of air pollution.
- 3) Why Vacuoles do not have any typical size or shape?
- 4) Differentiate between Red blood cells and white blood cells.
- 5) Write a short note on properties of plastic.
- 6) Why ripe tomatoes appear red?
- 7) Why human blood is red coloured?

**Q.8 Answer the following (any 1)**

**(5)**

- 1) Which type of glass is used in vehicles to avoid injuries in accidents?
- 2) Write a short note on pharynx.

**BEST OF LUCK**