

*Thakur Educational Trust's (Regd)*

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

II Terminal Exam. 2016- 2017

Subject: English.

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

Marks: 80 Date: 28/01 /2017 Time:  
2hrs 45 mins.

**SECTION I- PROSE (Reading skills, Vocabulary and Grammar)**

**Q1) A) Read the following passage and do the activities:- (10)**

A.1) Complete the following with reference to the passage:

(2)

- i. Gautama, the Buddha, was born over two thousand five hundred years ago, as \_\_\_\_\_.
- ii. The king was determined to prevent his beloved son from \_\_\_\_\_.
- iii. Seven days after his birth, his mother \_\_\_\_\_.
- iv. He surrounded the Prince with every imaginable \_\_\_\_\_.

Gautama the Buddha was born over two thousand five hundred years ago, as Prince Siddharth. He was the son of a king – Raja Shuddhodana. He was born on the sacred day of Vaisakh Purnima at Lumbini, situated near the city of Kapilavastu. Seven days after his birth, his mother Mayadevi passed away. It was prophesied at his birth that the infant would grow to be either a great Chakravati (an Emperor) or a Sannyasi (a renunciate) who would bring comfort to thousands of lost souls.

The king was determined to prevent his beloved son from renouncing the world. He surrounded the Prince with every imaginable luxury and comfort. It is said that the king had three magnificent palaces, one for each season of the year, and in the beautiful atmosphere of these royal mansions, Prince Siddhartha lived his secluded, protected life.

A.2) i. What was the name of Prince Siddharth's father?

(1)

ii. When was Prince Siddharth born? (1)

A.3) i) Match the word with its meaning (1)

A	B
1. Prophesied	a. isolated far from everything
2. secluded	b. Understanding
	c. Said what would happen in the future

ii) Give the Opposites of :- (1)

a) beautiful          b) prevent

A.4) i) The rich man was very greedy. [Underline the Adverb] (1)

ii) Gautama, the Buddha, was born over two thousand five hundred years ago.

[Underline the Preposition]

(1)

A5. What was prophesied at the time of Prince Siddharth's birth?

(2)

**Q1B) Read the following passage and do the activities: (10)**

B i) Name any two Kabaddi styles. (1)

ii) How many players face each other in a Kabaddi game? (1)

Kabaddi is an ancient sport. It originated in India and has now become popular in many countries, so that many international events are organized. In these events, international rules are followed, but several other Kabaddi styles such as Sanjeevani, Gaminee, Amar, etc. are followed in different parts of India.

In Kabaddi, two teams of seven members each face each other in a flat rectangular court, divided by a midline. The game is usually played in two halves with a halftime break in between. After the break, the teams exchange their sides in the court.

The game of Kabaddi requires good health, muscular strength, strategic skills, a lot of practice and above all, great determination.

B2 i) Kabaddi originated in India. It has become popular in many countries.

(Combine the sentence using conjunction) (1)

ii) Kabaddi is an ancient sport. (Pick out Subject and Predicate from the given sentence)  
(1)

B3 Complete the following table: (2)

	Positive	Comparative	Superlative
1	Many	-----	-----
2	-----	Greater	-----

B4 i) The game of Kabaddi requires good health.[Change the voice].

(1)

ii) Write the adjective form of the following words:

a. Rectangle

b. Strategy

(1)

5) Which game do you play? Why?

(2)

-1-

**Q2 A) Read the following passage and to the activities.**

**(10)**

A1. Write True or False against each of the following statements:

(2)

- i) Penguins can fly.
- ii) Penguins are found in the South Pole.
- iii) The Emperor Penguin is the largest species of the penguin in size.
- iv) Penguins have a familiar marking on their head.

Did you know that one of the most beloved birds in the world doesn't even know how to fly? In fact, penguins spend most of their time underwater! Penguins are usually shown in icy landscapes, but are actually only found in one of the poles: the South. Smaller penguin populations also live in South Africa, Argentina, and New Zealand. There are 17 different species or types of penguins, ranging in size from the Emperor Penguin, the largest to the Little Blue Penguin, the smallest. Other species include the King Penguin, which is slightly smaller than the Emperor, and the Galapagos Penguin, which is slightly bigger than the Little Blue. Each penguin species also has unique markings on their heads.

A2. Fill in the blanks:

a) Penguins spend most of their time -----

(1)

b) ----- is slightly bigger than the Little Blue Penguin.

(1)

A3. Make sentences using the word "Fly" as noun as well as verb.

(2)

- 1) ----- (noun)
- 2) ----- (verb)

A4.i) Penguins also live in South Africa, Argentina and New Zealand.[Identify the Noun and state its kind]

(1)

ii) The Chinstrap Penguin has a thin black band under their head. [Underline the Articles]

(1)

A5) what specific features of Penguins you come across?

(2)

**Q2) B) Read the following passage and do the activities: (10)**

B1) Name any four plant life of desert regions : (2)

1. ----- 2. ----- 3. ----- 4. -----

A desert is an area of land which receives scanty rainfall. During the day the skies are clear and the land is excessively hot and dry. At night, the land loses its heat rapidly and it may be almost freezing. So, days are hot and nights are cold. The desert regions of the world include North America (Arizona desert), South America (Atacama desert), Africa (Sahara and Kalahari desert), Asia (Arabian and Thar desert) and Australia (The Great Australian desert).

Plant life in the desert consists of date palm trees, shrubs, thorny bushes, and cacti, tufts of grass and dwarf acacia. Although cacti are often thought of as characteristic desert plants, other types of plants have adapted well to the arid environment.

B2.i) Write plural forms of: a) bush b) plant (1)

ii) Write the noun forms: a) appear b) different (1)

B3.i) Find one word from the passage that means: (1)

- a) insufficient in quantity b) sharp pointed projections on stem of a plant

ii) The soil is sandy and unable to hold much water. (Underline the Infinitive) (1)

B4. Match the adjectives in Column A with the nouns in Column B: (2)

	Column A	Column B
1	Scanty	Bushes
2	Cold	Rainfall
3	Thorny	Sky
4	Clear	Nights

B5) Fill in the blanks with verbs given in the list below: (2)

- i) A desert ----- less rainfall. (receive, receives)  
ii) Nights ----- cold as land loses its heat rapidly. (are, is)

**SECTION - II Poetry**

**Q3 A) Read the following extract and do the activities (5)**

A1. Complete the following. (2)

i)The long day's pleasure \_\_\_\_\_. ii)But all the daisies \_\_\_\_\_.

Sleep, sleep, my treasure,  
The long day's pleasure  
Has tired the birds,  
to their nests they creep;  
The garden still is  
Alight with lilies,  
But all the daisies are fast asleep.

A2 Write a pair of rhyming words from the extract above. (1)

A3 i) Name the rhyme scheme used in the poem. (1)

ii).Name and explain the figure of Speech

Sleep, sleep, my treasure (1)

**Q3 B) Read the following extract and do the activities. (5)**

B.1) Match the column:  
(2)

A	B
1) Sky	a)Going to school
2)Light	b)Bows his head
3)Sun	c) Spreads over earth
4)Children	d)Dressed in turban

Morning light spreads

over the earth.

Once again, the Sky bows his head in respect,

For children are going to school.

The Sun, after his morning dip in the river

Dressed up in his golden muslin turban

Waits and smiles on one side of the road,

For children are going to school.

B2. Make smaller words (at least 4) using the letters of the following word. (1)

## CHILDREN

B3) Complete the following sentences using your ideas: (2)

- i) I can -----
- ii) We can -----

### SECTION-III Grammar

Q4) Do as Directed. (5)

1. It's getting late. ----- we -- home? [Fill in the blank with the simple future tense form of "go"]  
(1)
2. Last year I --to England on holiday. [Fill in the blank with the simple past tense form of "go"]  
(1)
3. He ---- to school every morning. [Fill in the blank with the simple present tense form of "go"]  
(1)
4. She took her brother along with her. [Rephrase using 'had to']
5. The tea was very hot. I couldn't drink it. [Rephrase using the 'too....to..' construction]  
(1)

### SECTION-D [Writing Skills]

Q5) A) Letter Writing (Any One) (5)

A1) Write a letter to the Head master of your school requesting him to allow you to leave school early for a day as you are sick.

OR

A2) Write a letter to your friend inviting him to your birthday party.

Q5 B) Dialogue Writing / Interview Questions (Any One) (5)

B1) Write a dialogue between a teacher and a student discussing importance of doing work on time.

OR

B2) Write 10 questions that you would ask to your friend who recently won the 'Best Student Award'.

Q6) A) Information Transfer [Any one] (5)

A1) Read the following tips about keeping healthy and write in the form of Do's and Don'ts (table)

You must include vegetables and fruits in your diet and drink a lot of water. You should avoid junk food and aerated water. You shouldn't sit for long periods of time. Rather you should exercise regularly. You shouldn't ignore the importance of good breathing habits. Try breathing deeply whenever you think of it. See to it that you sleep for at least 7 hours a day. In fact, you should avoid irregular timings.

**OR**

A2) Read the tabular data showing the causes of road accidents in India and write a paragraph mentioning the chief points.

Sr.No.	Causes	Percentage
1	Drivers' fault (not following traffic rule, overtaking, speeding, etc.)	83.5%
2	Passengers/Pedestrian fault (not following traffic rule, not walking on foot path, etc.)	4.7%
3	Mechanical defect in vehicle	4.0%
4	Absence of reflectors	2.0%
5	Other factors (bad roads, potholes, broken dividers, etc)	6.8%
	Total	100.0%

**-3-**

**Q6 B) Report Writing [Any one].**

**(5)**

B1) Write a report for the school magazine on the Annual Function celebrated in your school.

**OR**

B2) Write a newspaper report on heavy rains brining the city Mumbai to a standstill.

Q7 Expand the following :

(5)

- i) Green City, Clean City.
- ii) Practice makes a man perfect.
- iii) Knowledge is power.

*Thakur Educational Trust's (Regd)*

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

III Terminal Exam. 2016- 2017

Subject: Geography.

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

Marks: 40

Date: 11/04/2017

Time:2hr.

**QI. A) Place a tick mark( ) against the correct option:**

**(4)**

- 1) What is the shape of the meridians?  
a) Circular b) Semi Circular c) Points
- 2) What is the angular distance of the arctic circle from the North Pole?  
a) 66°30' b) 90° c) 23°30'
- 3) In which of the following parts of Maharashtra is granite rock found?  
a) Western b) Southern c) Eastern
- 4) Which of the following natural vegetations is found in polar regions?  
a) Tropical Grasslands b) Broadleaved c) Tundra

**QI. B) Read the following statements and correct the wrong ones:**

**(5)**

- 1) Types of land influence the climate of a region.
- 2) Parallels of latitudes lie parallel to the prime meridian
- 3) Natural resources are to be used in a judicious manner.
- 4) The water heats up and cools down slowly.
- 5) As we move upwards from the sea level, the temperature of air decreases.

**Q II) A) Who am I ?**

**(4)**

- 1) I am a rock which can be used as fuel.
- 2) I am a rock formed out of molten material.
- 3) Land and water gets heated due to me.
- 4) I connect places of equal temperatures.

**QII) B) Answer the following questions in one sentence each : (any-5)**

**(5)**

- 1) Which occupations are called primary occupations?



- 2) Where is high quality coal used on large scale?
- 3) Where do minerals come from?
- 4) Of which things is the earth's crust made of?
- 5) Which sea is known to have the maximum salinity?
- 6) What is called the annual range of temperature?

**QIII. A) Answer in brief (any 3)**

**(6)**

- 1) Why do we need to use environment - friendly energy resources?
- 2) What are the main features of secondary occupations?
- 3) Write the uses of minerals.

What are the causes of pollution of oceanic water?

**QIII. B) Write the difference between the following**

**(4)**

- 1) Mineral oil and solar energy.
- 2) Hydel power and power from geo-thermal source.

**QIV. A) Give geographical reasons for the following statements (Any two).**

**(4)**

- 1) 1) The climate near the sea is humid.
- 2) Continental areas have an extreme climate.
- 3) In the Northern Hemisphere, the distance between the isotherms varies.

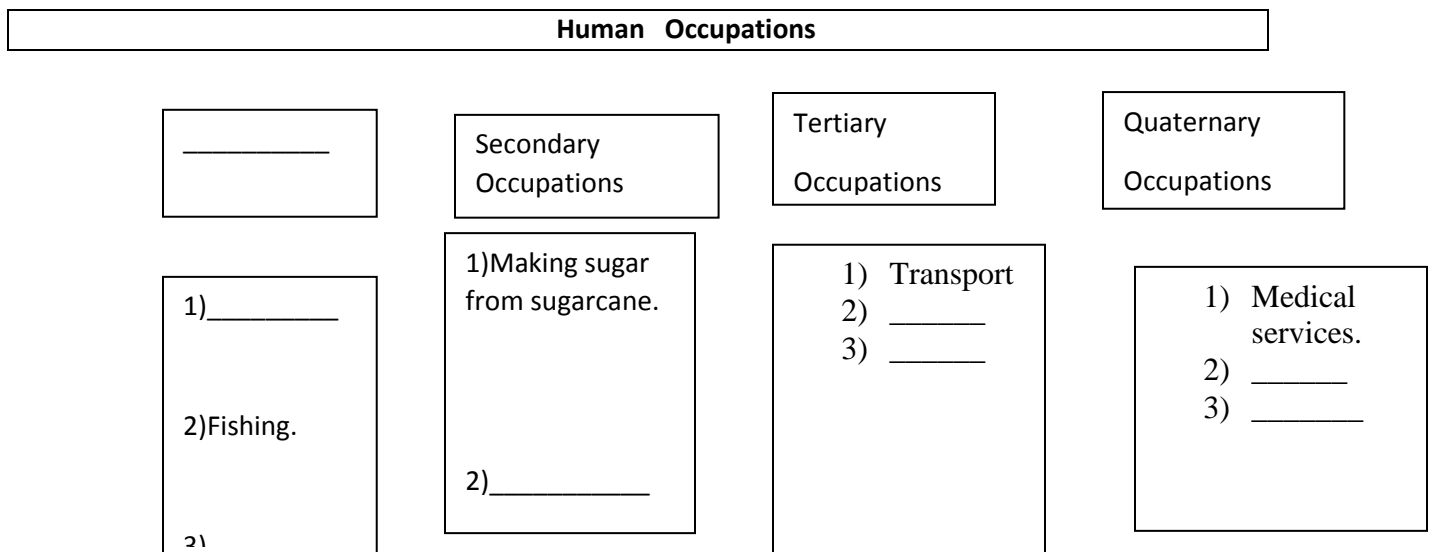
**QIV. B) Name the following :**

**(4)**

- 1) Products obtained from animals.
- 2) Animals employed for transportation and carrying goods.
- 3) Countries using atomic energy.
- 4) Substance based energy resources

**QIV. C) Complete the following flow chart**

**(4)**



*Thakur Educational Trust's (Regd)*

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

II Terminal Exam. 2016- 2017

Subject: History/Civics.

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

Marks: 40  
Time:2hrs.

Date: 02/02/2017

**QI.A) Fill in the blanks choosing the correct alternative from the given brackets. (3)**

- 1) Pakistan and \_\_\_\_\_ were parts of India till 15th Aug,1947 (Sri Lanka, Afghanistan and Bangladesh).
- 2) Folk tales form a part of the \_\_\_\_\_ sources of history (material, oral, written)
- 3) The definite and regular pattern followed in nature is called \_\_\_\_\_ (Sat, Rita, Om)

**QIB) Match the column: - (3)**

- | A                         | B                      |
|---------------------------|------------------------|
| 1) Proof of use of plough | 1) Originated in China |
| 2) Silk route             | 2) Zoroastrian         |
| 3) Agyari                 | 3) Kalibangan          |
|                           | 4) Jews                |

**QII Answer in 25- 30 words (any 2) (4)**

- 1) What are the main duties of the king?
- 2) Where was the first Buddhist Council held?
- 3) How do we honour the dharma-chakra on the Sarnath pillar?

**QIII) Give Reason (any 2) (4)**

- 1) Gautam(Siddharth) came to be known as Gautam Buddha.

- 2) The Maurya empire came to an end.
- 3) The coins of Greek Kings were characteristic.

**QIV) Answer in 40-50 words - (any -2) (6)**

- 1) State the sources of history of ancient India.
- 2) Write about the Pallava rulers.
- 3) Write in short about Indo- Greek rule.

**QV) Answer in 60-80 words (any -2) (8)**

- 1) What efforts did Ashoka make for the spread of Buddhism?
- 2) Write an account for the fall of the rule of Nanda dynasty.
- 3) What are the teachings of Christianity?

#### **CIVICS**

**QVI) Fill in the blanks choosing the correct alternative from the given brackets. (3)**

- 1) To live among a variety of communities is to experience \_\_\_\_\_.  
(peace, interdependence, co-existence)
- 2) \_\_\_\_\_ helps the development of people's talents ( Country, society, village)
- 3) The \_\_\_\_\_ is the administrative head of the Zilla Parishad ( CEO, BDO, Sarpanch)

**QVII) Answer in one sentence (any 3) (3)**

- 1) How do we achieve progress?
- 2) State the need for social regulation
- 3) Name the office bearers of the Panchayat Samiti.
- 4) Which are the urban local government bodies?
- 5) Who appoints the Municipal Commissioner?

**QVIII) State True Or False with reason (any -2) (4)**

- 1) Lack of agreement in opinion and ideas of people gives rise to co-operation.
- 2) The Municipal Council is the part of urban government.

3) The villages that are in the process of becoming towns have a Gram Panchayat.

**IX) Answer in 25-30 words (Any -1)**

**(2)**

1) What are the functions of the Municipal Corporation?

2) Write about the duties of the Gram Sevak.

**\*\*\*\*ALL THE BEST\*\*\*\***

*Thakur Educational Trust's (Regd)*

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

II Terminal Exam 2016- 2017

Subject: I.T.

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

Marks: 50

Date: 03/02 /2017

Time : 2hrs

**QI) Fill in the blanks:-**

**(8)**

- 1) The \_\_\_\_\_ is an address of a document on the World Wide Web.
- 2) A new MS-Excel workbook contains \_\_\_\_\_ worksheet by default.
- 3) VDU stands for \_\_\_\_\_.
- 4) \_\_\_\_\_ alignment is the default text alignment.
- 5) A \_\_\_\_\_ is a computer peripheral that allows you to connect to and communicate with other computers via telephone lines.
- 6) To update the total, press \_\_\_\_\_.
- 7) \_\_\_\_\_ device is used to enter information into a computer.
- 8) Displaying \_\_\_\_\_ helps you see where each paragraph ends.

**QII) State whether the following statements are True or False :**

**(8)**

- 1) By default, an MS-Word document has one column.
- 2) Three types of data can be entered in an MS-Excel worksheet.
- 3) A worksheet consist of cells organized into rows and columns.
- 4) Mail merge involves three important steps.
- 5) You can rotate a WordArt object.
- 6) Output produced on a VDU is permanent.
- 7) Margins are measured in inches.
- 8) Secondary memory is used for bulk storage of programs.

**QIII) Define the following:-**

**(6)**

- 1) URL
- 2) Browser
- 3) Website

**QIV) Answer the following :-**

**(10)**

- 1) What is the Internet?
- 2) Differentiate between a worksheet and a workbook.
- 3) What are AutoShapes?
- 4) Write the three important steps involved in Mail Merge.
- 5) What is a cell and how is it referred to?

**QV) Answer in brief :-**

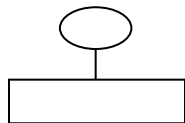
**(10)**

- 1) What is a modem? What are the types of modems available?
- 2) What are the steps to inserting a ClipArt into a document?

**QVI) Write the steps for the following**

**(8)**

- 1) Rahul has been instructed by his teacher to draw the following shape: let's help him in the process.



- 2) Mohit's class teacher has assigned him the task of preparing a green sheet of the first terminal examination. The headings should be as follows :

R . No	Name	English	Hindi	Maths	Science
1	Esha	75	72	90	82
2	Mohit	89	80	85	83
3	Riya	77	75	65	63
4	Anurag	90	76	92	64
5	Ruby	92	90	93	75

*Thakur Educational Trust's (Regd.)*  
Thakur Vidya Mandir High School & Junior College  
(ISO 9001:2008 CERTIFIED)

**II Terminal Exam 2016-2017**

Std. : **VI**

Sub. : **Mathematics**

Marks : **80**

Date : 30/01/2017 Name \_\_\_\_\_ Roll No. \_\_\_\_\_

Time : 2 hrs.

45 mins.

**Q.1. Attempt any ten of the following.**

**[10]**

- 1) Using proper sign, rewrite the following statement  
"A submarine is at a depth of 550 metres below the sea level."
- 2) Define Concurrent lines.
- 3) Write the measure of a straight angle.
- 4) Convert  $\frac{49}{6}$  into a mixed number.
- 5) What is the difference in the place values of 3 in the number 432.631?
- 6) At what intervals are thin vertical and horizontal lines on the graph paper drawn?
- 7) Which of the following English alphabet has two axes of symmetry H, W, K, I?
- 8) Which three digit number less than 104 is completely divisible by 2 as well as by 3?
- 9) What is the HCF of 11 and 110?
- 10) Convert  $\frac{1}{8}$  into a decimal fraction.
- 11) Subtract (-8) from (-6)

**Q.2. Attempt any seven of the following.**

**[14]**

- 1) Subtract :  $4\frac{1}{4} - 1\frac{1}{8}$
- 2) If  $421 \times 65 = 27365$  then write the value of  
a)  $4.21 \times 6.5$     b)  $42.1 \times 6.5$
- 3) Which of the following numbers are divisible by 2, 3, 4, 5, 9 and 10?  
628; 125; 800; 558
- 4) If large square beds are to be made on a plot of land 18 metres long and 15 metres wide in order to plant vegetables, what is the maximum possible length of each bed?
- 5) Use a protractor to draw angles of the measures  $55^\circ$  and  $120^\circ$
- 6) Write the opposite numbers of the numbers 80 and (-33)
- 7) How many axes of symmetry does a square and a rectangle has?

8) Write the names of the following figures.



**Q.3. Solve any 5 of the following questions.**

**[15]**

1) The names of the heads of some families in a village and the quantity of water their family consumes in one day are given below. Draw a bar graph for this data. [Scale on Y-axis, 1cm = 10 litres of water]

Names of heads	Ramesh	Rahul	Ayub
Quantity of water consumed	30 litres	55 litres	50litres

2) Show  $\frac{3}{5}$ ,  $\frac{6}{5}$ ,  $2\frac{3}{5}$  on the number line.

3) The cost of a T.V set is ₹ 45,000.60. Find the cost of 5 such T.V sets?

4) Construct an angle bisector of angle  $65^\circ$  using compass and ruler.

5) Name the following :

a) Triangle having two sides equal.

b) Triangle having one of the angles  $135^\circ$

c) Triangle having all the sides equal.

6) Solve the following:-

a) Convert  $\frac{6}{20}$  into percentage.

b) Convert 100 percent into fraction.

c) Find 5% of 2500.

**Q.4. Solve any 4 of the following.**

**[16]**

1) Solve the given equations using properties.

a)  $4x = 52$    b)  $m + 9 = 21$    c)  $\frac{p}{4} = 9$    d)  $x - 4 = 3$

2) A certain organisation adopted 18% of the 400 Schools in a district. How many schools did it adopt.

3) Shubham's age today is 12 years and his father's is 42 years. Shubham's mother is younger than his father by 6 years. Find the following ratios.

a) Ratio of Shubham's age today to his mother's age today.

b) Ratio of Shubham's mother's age today to his father's age today.

c) The ratio of Shubham's age today to his mother's age when Shubham was 10 years old.

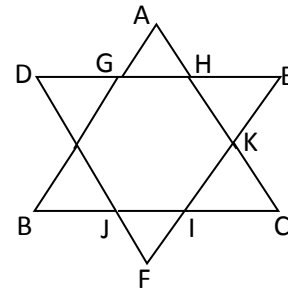
d) The ratio of Shubham's age to his father's age when Shubham was 10years old.



4) Harbhajan singh bought 500 ₹ kg of rice for ₹ 22000 and sold it all at the rate of ₹ 48 per kg. How much profit did he make.

5) Answer the following questions as per the figure given along side.

- Name the sides of the  $\Delta ABC$ .
- Name the triangle having the vertex I.
- How many triangles are there in the figure? Name 1
- Name the vertices of the  $\Delta EKH$ .



**Q.5. Attempt any 5 of the following.**

**[25]**

- Malati borrowed ₹ 50,000 from a bank for 1 year at the rate of 9.5% p.a. What amount will she return to the bank at the end of the 3 year?
- Mahipal bought a machine for ₹ 6000, AND SOLD IT FOR ₹ 6400. Sohauul bought a mobile phone for ₹ 7500 and sold it for ₹ 8100. Whose transaction was more profitable.
- In Porbandar 1250 of the 1500 people are women while 1100 of the 1700 people in Rajkot are women. In which city is there a greater proportion of women?
- Sakshi prepared some jam at home and filled it in bottles . After giving away seven of the bottles to her friends, she still has 12 for herself. How many bottles had she made in all ?If she filled 250gms of jam in each bottle,what was the total weight of the jam she made?
- The cost of 58 ball pens is ₹ 261. What will be the cost of 24 such ballpens?
- Construct an equilateral triangle using compass and ruler.
  - The lengths of three segments are given for constructing a triangle say whether a triangle with these sides can be drawn . Give reason for your answer.
    - 1)17cm,7cm,8cm.
    - 2)8.4cm, 16.4cm,4.9cm.

**All the Best**

*Thakur Educational Trust's (Regd)*

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

II Terminal Examination. 2016- 2017

Subject: Science

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

Marks: 80  
2Hrs 45mins.

Date: 01/02/2017

Time:

**SCIENCE I**

**Q1 A) a) Fill in the blanks:-**

**(3)**

- 1) The structure of a complex machine is \_\_\_\_\_.
- 2) The sound which is \_\_\_\_\_ to the ears is called noise.
- 3) When a \_\_\_\_\_ object comes in the way of light, light passes through it.

**b) State whether the following statements are True or False. Correct the false statement:**

**(2)**

- 1) After heating the magnet its magnetism increases.
- 2) Moon is a luminous source of light.

**B) Rewrite the following statements by selecting the correct option:**

**(5)**

- 1) The \_\_\_\_\_ measures temperature by thermometer.  
a) mercury      b) copper      c) gold      d) silver
- 2) Holding papad for roasting is an example of \_\_\_\_\_.  
a) pulley      b) inclined plane      c) wedge      d) lever
- 3) \_\_\_\_\_ is unit to measure heat.

a) calorie      b) second

c) Newton      d) metre

4) \_\_\_\_\_ occurs on surface of mirror.

a) Refraction    b) transmission      c) reflection    d) Absorption

5) When magnetic material is taken close to the magnet, the material acquires \_\_\_\_\_ magnetism

a) Induced              b) temporary              c) Permanent              d) none

**QII) Attempt any 5 of the following: -**

**(10)**

1) Explain Oscillatory motion with two examples.

2) Why travelling bags have wheels?

3) Why should we save energy?

4) What are effects of noise pollution?

5) Explain Newton's disc.

6) How are electromagnets made?

**QIII) Attempt any 5 of the following; -**

**(15)**

1) In which musical instrument can we see Oscillatory motion.

2) Distinguish between force of Friction & Gravitational Force.

3) Describe natural chain of transformation of energy.

4) What is a shadow? How it is formed ? What factor it depends?

5) How does maglev train works.

6) Explain terms i) wedge      ii) Inclined plane.

**QIV) Attempt any one of the following**

**(5)**

1) What are complex machines? Explain Archimedes screw with diagram.

2) What is a force? Explain any five forces with one examples.

## SCIENCE II

**QV A) a) Fill in the blanks:-**

**(3)**

- 1) Rubber made by Vulcanization is \_\_\_\_\_.
- 2) Nylon is also known as \_\_\_\_\_
- 3) In a balanced diet all the nutrients are present in \_\_\_\_\_ proportion

**b) State whether the following statements are True or False. Correct the false statement:**

**(2)**

- 1) Nylon was developed simultaneously in Newyork and London.
- 2) Intake of less food than necessary causes obesity.

**B) Rewrite the following statements by selecting the correct option:**

**(5)**

- 1) It is not a component for photosynthesis \_\_\_\_\_.  
a) chlorophyll      b) sunlight      c) CO<sub>2</sub>      d) O<sub>2</sub>
- 2) \_\_\_\_\_ is a type of junk food.  
a) Orange      b) Milk      c) Bhakri      d) Chocolate

3) Vitamin \_\_\_\_\_ is essential for blood clotting.

- a) A    b) B<sub>12</sub>    c) E    d) K

4) Glass can be made from \_\_\_\_\_.

- a) Calcium carbonate    b) Water    c) Copper    d) None

5) \_\_\_\_\_ is natural material to obtain fibre.

- a) Nylon    b) Terylene    c) jute    d) Terycot.

**QVI) Answer any 5 of the following: -**

**(10)**

- 1) Distinguish between vertebrates & Invertebrates.
- 2) What are similarities between plants and animals?
- 3) Write a note on work of Sarpa mitra.
- 4) What are probiotics? Give examples.
- 5) Why we should observe economy in the use of materials.
- 6) What is Vulcanization.

**QVII) Attempt any 5 of the following; -**

**(15)**

- 1) What are difference between plants and animals (three points)?
- 2) What different Criteria are used to classify plants.
- 3) What is Sunstroke ?Give remedial measures.
- 4) How to avoid obesity (Six points)
- 5) What are advantages and disadvantages of synthetic Fibre.
- 6) What are adulterants? Give two examples with food items.

**QVIII) Attempt any one of the following**

**(5)**

- 1) Write Sources, Functions and diseases caused by following Vitamins.  
Vitamin A, Vitamin B<sub>12</sub>, Vitamin D, Vitamin K and Vitamin C.
- 2) Write two peculiarities of the following i) Eagle ii) Frog.  
a) Following i) Eagle ii) Frog.  
b) Draw a neat labelled diagram of different parts of a plant.





