Thakur Educational Trust's (Regd)

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

III TERMINAL EXAMINATION 2017- 2018

Subject: ENGLISH

Name: _____	Std: VIII Div: _____		Roll No: ___
Marks: 100	Date: 03/04/2018		Time: 3hrs

Q1   Language study: Grammar

1A   Do as Directed: **(16)**

1. He vowed (------------) to revenge himself (-------) on the Pandavas.(Fill in the blanks with the Part of <u>Speech</u>)   (1)
2. Perseus uplifted his sword. (Pick out the Subject and Predicate.)   (2)
3. Conditions seem <u>favourable</u>. (Write whether the underlined is an Object or Complement)   (1)
4. Write the noun forms of: (1)
    a) confess   b) pay
5. We shall learn French. (Pick out the verb and State the kind of its Tense)   (2)
6.   He would probably bake a cake. (Rewrite using the auxiliary 'might')   (1)
7.   I always want to rest. (Pick out the Adverb and state its kind)   (2)
8.   I am hurrying up. (Add a Question Tag)   (1)
9. He listened to his people <u>patiently</u>. (Rewrite using the noun form of the underlined word)   (1)
10. I shouldn't have doubted your word. (Make it Affirmative)   (1)
11. He was loved by all his subjects. (Rewrite beginning with 'All his subjects ………..)   (1)
12. The most popular beverage in the world is tea. (Change to the Positive degree)   (1)
13. Each one speaks for just a minute.(Make it Negative)   (1)

1B   Do as Directed: **(4)**

1.   You needn't make any preparations. (Make it Imperative)
2.   I should ask people outside the palace. (Rewrite beginning with 'Shouldn't I…………?)
3.   What was the use of inviting more trouble? (Rewrite beginning with 'There was ………………')
4.   A lot of space is saved.(Change to Exclamatory sentence.)

Q2A   Read the following passage and do the activities: **(10)**

A1 Fill in the blanks with the correct word from the passage given below: **(2)**

1.   He looked at ----------with an expression half of ----------- and half of anger.
2.   It is easy to beat a ----------- so long as he does not ------------

> The Sahib was stunned. He looked at Fateh Chand with an expression half of fear and half of anger. He realized that the man was desperate. Physically, he was weak, but it was certain that he had come prepared to return a stone for a brick; no not a stone, but iron. The Sahib was afraid. It is easy to beat a dog so long as he does not growl; but when he snarls back at you, you lose your determination. That was exactly what the Sahib felt. So long as he that Fateh Chand would bear abuses and even kicks silently he felt tough, but now he was in a different mood and watching every one of his movements like a cat, the Sahib's resolution failed him. He knew that one insulting word would bring a blow from that stick. So, like a far-sighted man, he became mild and diplomatic and said, "My dear man, you seemed annoyed with me. Have I said anything to upset you?"

A2 i) Why was the Sahib stunned?   **(1)**

  ii) In what context does the author say the following, 'It is easy to beat a dog as long as he does not growl; but when he snarls back at you, you lose your determination.'   **(1)**

A3 i) Write the words from the passage which mean the following:-   **(1)**

a)   Shocked or surprised   b) strong decision

  ii)Write the homophones of :-   **(1)**
   a)   One   b) dear

A4 Grammar:-   **(2)**

a)   The Sahib said to Fateh Chand, "Why are you annoyed? Have I said anything to upset you?" (Rewrite into the Reported Speech)
b)   He realized that the man was desperate. (Pick the Subordinate clause and state its kind)

A5 How according to you does the author describe Fateh Chand's transformation?   **(2)**

Q II B Read the following passage and do the activities:-   **(10)**

B.1 State whether the statements are True or False:-

  a)A borrowed book is like a guest in the house.
  b)We enjoy reading books that are our own.
  c)The habit of reading is one of the greatest resources of mankind.
  d)You cannot leave a book carelessly or mark it.

> The habit of reading is one of the greatest resources of mankind; and we enjoy reading books that belong to us much more than if they are borrowed.
>
> A borrowed book is like a guest in the house; it must be treated with punctiliosness, with a certain considerate formality. You must see that it sustains no damage; it must not suffer while under your roof. You cannot leave it carelessly, you cannot mark it, you cannot turn down the pages, you cannot use it familiarly. And then some day, although this is seldom done, you really ought to return it.

B2 i)   What is the above passage about?   (1)

ii)   How should you treat a borrowed book?   (1)

B3 i)   Frame meaningful sentences of your own using the following:-   (2)
      a) under one's roof   b) to turn down the pages

B4 Grammar:-   (2)
   i)   The habit of reading is one the greatest resources of mankind. (Change to the Positive degree)
   ii)   Although this is seldom done, you really ought to return it. (Identify the subordinate clause and state its kind)

B5   Books are said to be 'Man's best friends. Do you agree? Explain.   (2)

Q 3A Read the following extract and do the activities:-   **(5)**
 A 1 Mention the words that are used to describe the following:
   i)----------rain; ii)----------monarch; c)--------power; d)--------------mercy   (2)

         The quality of mercy is not strained,
         It droppeth as the gentle rain from heaven
         Upon the place beneath.
         It is twice blessed;
         It blesseth him that gives and him that takes
         'Tis mightiest in the mightiest; it becomes
          The throned monarch better than his crown;
          His sceptre shows the force of temporal power,
          The attribute to awe and majesty,
           Therein doth sit the dread and fear of kings;

    A2 i) What is mercy compared with?   (1)
        ii) Why is mercy called 'twice blessed'?   (1)
    A3   Name and Explain the Figure of Speech:-   (1)
         i)   'Tis mightiest in the mightiest'

Q3B   Write the Appreciation of the poem 'A Prayer'   **(10)**
         You may use the following points:
         * Title, *Poet, *Rhyme scheme, *Favourite line, *Theme, *Figure of Speech, *Type of the poem-At
         least 5 to 6 lines, *Why I like /don't like the poem.).

Q4A   Read the following passage carefully and do the activities: **(10)**
A1   Name some of the birds mentioned in the passage.   **(2)**
.   You may see common myna, pied myna, bulbuls, babblers, tree pies, sparrows, drongoes, woodpeckers and numerous other species. Banyan and peepal trees, laden with fruits attract a large number of birds of many species and offer an excellent opportunity to the bird watcher. One can even record the calls of different birds at this place. Such gatherings are ideal for studying the table manners of various species. The trees that bear flowers are bare and leafless during the flower bearing season allowing a clear view of the visiting bird species. Almost every small bird of the surrounding countryside flocks to the blossoms for getting sugary nectar.
   .   It is always advisable to start with the familiar birds like sparrows, mynas, doves, parakeets that are everywhere. Observing the bird's behaviour can also be of help in correct identification.
A2 i)   What is the passage mainly about?   **(1)**
   ii)   Where can one see a clear view of the visiting bird species?   **(1)**
 A3 i) Write words from the passage which mean the following:-   **(1)**
a) to be filled with   b) the process or action of identifying something or someone
   ii) Write the verb forms: - a) favourable   b) identification   **(1)**
A4 Grammar:-
   i)   Observing the bird's behaviour can also be of help in correct identification.(Add a Question tag)
         (1)
   ii)Almost every small bird of the surrounding countryside flocks to the blossoms <u>for getting sugary nectar.</u>
(Frame a wh question to get the underlined part as the answer)   **(1)**
A5   Do you like bird watching? Explain.   **(2)**
Q.4 B Read the below passage carefully and write a Summary/Précis on it of about 100-120 words.   **(5)**
         Fast food or junk food is gaining popularity very rapidly amongst the youngsters. It is regarded as a symbol of modernity to go to places which serve fast food. Indian food is termed outdated by many youngsters.
         But most youngsters who consume fast food, do not realize the hazards their health is being exposed to. Mostly these junk foods are prepared in very unhygienic conditions. The water used is contaminated and also the oil used is very cheap. The fine flour used for preparing the food is harmful for the digestive system and also makes the body bulky. It has a very low nutritive value. It also spoils the skin.
         It is high time, we should make a note of damage caused due to the junk food and switch ourselves to fresh fruits and vegetables, which contain all nutrients and vitamins in a right amount. Also they are easy to digest. Green salads, fresh fruit juices and lentils keep the body fighting fit; Hygienically prepared home food can equally be appetizing. Besides home food does not cost much to the pocket, while the junk food is hazardous and highly expensive
         Thus, before you order for the hot, cheese pizza or burgers or creamy cold milk shakes or Sundaes, sit back and think for a while the harmful effects of junk food.
         Another common problem found among today's youngsters is the 'Value of Discipline.' Discipline cannot be explained simply in just a word or two. It has a vast as well as a deep meaning. We can say that discipline means

self-control. One's control over one's actions, words behaviour and thoughts .Lack of discipline brings disorder to our lives.

The sum total of all that one's parents inculcate in the child, all the values that the child has learnt over the years at home and at school help him to become a well-disciplined person. A disciplined person will have respect for his superiors, courtesy towards all and tremendous self-respect. In school it means being on time, doing home-work on time completing your books on time maintaining silence in and out of class, respecting teachers monitors and prefects. To conclude we can say, A well-disciplined person commands love and respect.

Q5A   Letter-Writing (Informal/Formal)   **(5)**
A1   You have noticed that your friend has started showing poor performance in his or her studies. Write a letter advising your friend about how he/she should prepare a time-table for studies.

<div align="center">OR</div>

A2   Imagine you have noticed from a past few days there many street dogs in and around your locality. Write a letter to the Corporator of your area about the nuisance caused by them.

Q5 B Dialogue / Interview writing   **(5)**
5B 1   There are two students- one a bookish student and another an Athletic student. Write a dialogue between both of them discussing about their field and hobbies.

<div align="center">OR</div>

5B 2   Being a leader of your group, you had an opportunity to meet a well-known sportsperson. Frame 10 questions you would like to ask him/her.

Q6   Information Transfer:
6A1   Read the passage given below and transfer it into a Tree Diagram.   **(5)**

Normally we classify occupations into three categories: a) The Primary Sector; b)The Secondary Sector; The Tertiary Sector. Primary Sector implies occupations or activities which are carried on with the help of nature. It includes agriculture, animal husbandry, forestry, fishery and mining. Secondary Sector refers to occupations in manufacturing enterprises e.g. small-scale, large-scale industries etc, whereas, tertiary sector refers to occupations by way of services like transport, communication, banking and finance etc.,

When we consider the data regarding occupational distribution we observe that major of our labour force is engaged in activities associated with primary sector. Around 70% of working population derives its source of livelihood from agriculture itself.

<div align="center">OR</div>

6A2   Prepare a fact file for a visit to a hill-station of your choice.
Q6B   Report Writing: **(5)**
  B1   Your school celebrated Marathi Day last week. Imagine you were a part of the celebration. Write a Report on it for your school magazine.

<div align="center">OR</div>

  B2   The Mayor of your city was present for the tree plantation programme organized by a social service group in your vicinity. Prepare a report for the Newspaper so as to create an awareness about the same.

Q7A 1 Expand the following (Any one)   **(5)**
   a) Don't count your chickens before they are hatched.
   b) Manners maketh a man.

<div align="center">OR</div>

Q7 A 2 Develop a story wherein anyone of the above expansion topic should be the Moral. Give it a suitable title.

Q 7B 1 Speech Writing   **(5)**
   1) Importance of Natural Resources
   2) What can I do for my country?

<div align="center">**ALL THE BEST**</div>

Thakur Educational Trust's (Regd)

<div align="center">THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE
III Terminal 2017- 2018
Subject: Geography.</div>

Name: _____   STD: VIII   Div: _____ Roll No: _____
Marks: 40   Dates: 09/04/2018   Time: 2hrs.

QIA) Using the appropriate options, complete the following statements : -   **(4)**
1. In 1969, India launched its first space rocket from _____.
(Bangalore, Thumba, Sriharikota, Hyderabad)
2. A method of representing the _____ on a flat piece of paper is called map projection.
(Tropic of Cancer, parallels of latitude, meridians of longitude, graticule)
3. The Tundra soil is an example of the _____ type of soils.
(zonal, azonal, intra-zonal, podzol)
4. Area wise the continent of Europe ranks _____ in the world.

(fourth, fifth, sixth, seventh)

QI.B) Match the following. (3)

A	B
1. Andes	Steppes
2. Eurasia	South America
3. A Sandy desert	Prairies
	Great Victoria

QII.A) Answer the following questions in short :-(Any 4) (8)
1. Which means of communication function more efficiently with the help of communication satellites?
2. What do you understand by the term 'slow movements'?
3. What is 'soil'?
4. What does environment include?
5. Which are the main 'primary occupations'?

QII.B) Give reasons :-(Any 3) (6)
1. Extensive agriculture is called 'commercial grain farming'.
2. The secondary waves of an earthquake cannot travel through the core of the earth.
3. Mumbai was a great centre of the cotton textile industry.
4. Even though Italy has a long coastline, fishery is comparatively less developed.

QIIIA) Write short notes on :- (Any 3) (6)
1. Ground water level.
2. Forest resources in Germany.
3. Mineral resources in Australia.
4. Trophic level.

QIII B) Answer in brief - (Any 3) (9)
1. Differentiate between Primary waves and Surface waves of an earthquake.
2. What is meant by a sand dune?
3. Write five major features of urban settlements.
4. Explain the importance of water resources in Germany.

QIVA) Observe the given figure and answer the following questions. (2)
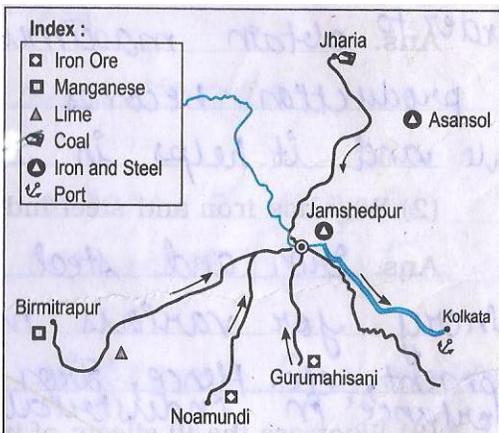
1. At which places is iron and steel industry located?
2. Which place supplies manganese?

QIVB) Locate the following on the outline map of Italy. Give index. (2)
1. Vatican City   2. Sicily Island
3. Alps mountain.   4. Adriatic Sea.

ALL THE BEST

HISTORY

Q1.A Fill in the blanks in the given statements choosing the correct alternative from the brackets. (4)

1. _____ undertook the circumnavigation of the earth.(Columbus,Magellan,Galileo)
2. According to_____,man is born free.(Voltaire,Rousseau,Montesquieu)
3. Rash Behari Bose invited Subhash Chandra Bose to come to_____.(Japan,Singapore,England)
4. Lord_____ passed the Widow Remarriage Act in 1856.(Bentick,Ripon,Dalhousie)

Q.1B Identify the wrong pair and rewrite the corrected one. (4)

A	B
1.British Prime Minister	1. Atlee
2.Scheme of partition	2. Lord Wavell
3.Demanded a separate state of Pakistan	3 Barrister Jina
4.First Prime Minister of India	4. Jawaharlal Nehru

    Wrong pair :_____
     Correct pair:_____

Q.2A Complete the following graphical organizer or flow chart .(Any 2) (4)

1.   2.

4 point programme

Adopted by Congress

Leaders of other countries influenced by Gandhiii

3.

Places in Maharashtra where salt satyagraha was performed
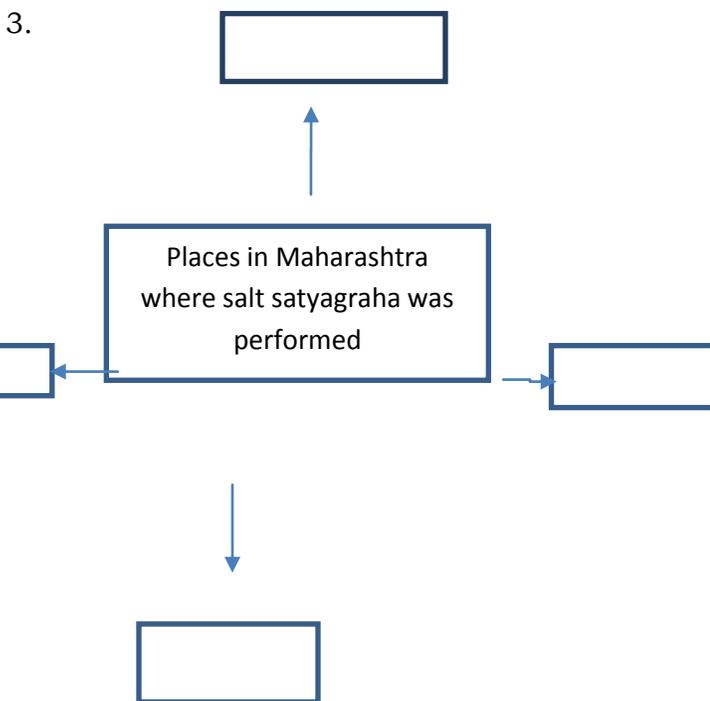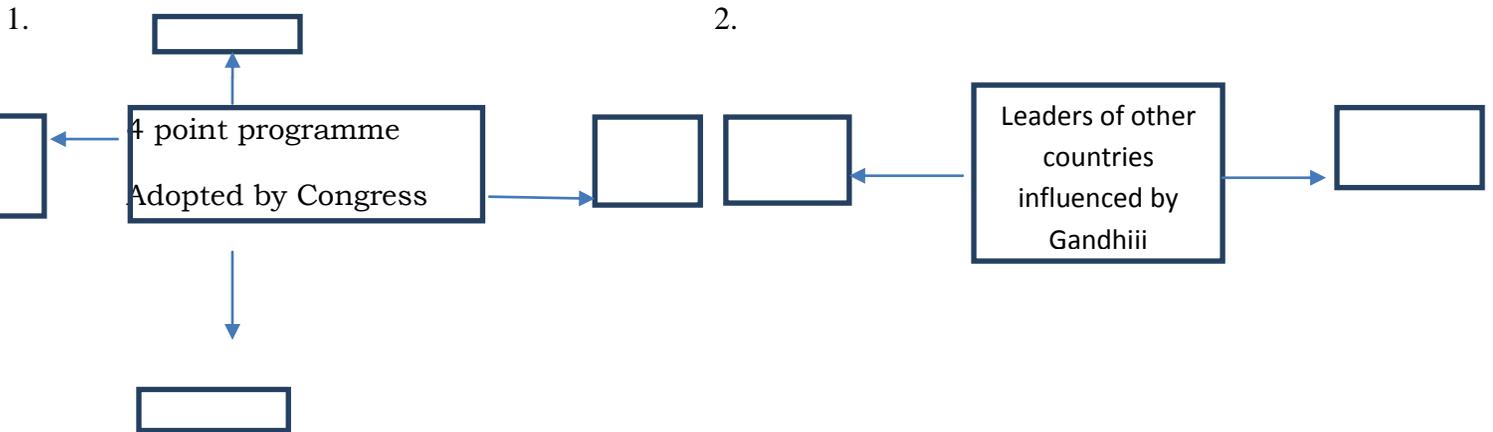
Q2B. Write Short Notes on .(Any 2 (4)

 1.Work of Provincial Ministries
_2 Communal Award

3.Abhinav Bharat

4.Indian Independence Act

Q.3 A Give Reasons.(Any 3) (6)

1.The Congress rejected the Cripps Plan .

2.Subhash Chandra Bose was interned .

3.Lord Curzon partitioned the province of Bengal .

4.The British Government adopted the policy of Divide and Rule.

Q.3B Answer in 25 to 30 words (Any 2) (4)

1.Why did England give independence to the American Colonies in 1783 ?

2.Which appeal did Umaji Naik make to the people ?

3.Why was the condition of women miserable ?

Q.4 Read the following passage and answer the questions given below . (4)

Vasco da Gama landed at Calicut on the western coast of India .Later ,at the beginning of the sixteenth century,the Portuguese established their power on the west coast of India.The Dutch,the British, and the French traders came to India in the seventeenth century.At that time the Mughals were the mighty power in India.

Questions

1.Who landed at Calicut ?
2.Where is Calicut located?
3Which powers came to India in the seventeenth century ?
4.For which power the word mighty has been used ?

Q 5 Answer in Detail . (Any 2) (10)
1.Write in brief about the movement for the emancipation of women .

2. Write about the Azad Hind Government .
3.Write about the Home Rule Movement.

CIVICS
Q.6 Fill in the blanks in the given statements choosing the correct alternative from the given bracket
(4)
1.No country in the world is totally _____ in every respect.(dependent, self sufficient ,inadequate)
2._____ was started in 1961.(Panchsheel ,Colonialism ,Non-aligned movement)
3.The head quarters of the armed forces are located in _____.(Mumbai, Kolkatta .New Delhi)
4.The process of democratization received a boost due to _____. (decolonization ,globalization, liberalization)
**Q.7 State true or false with reason .(Any 2)** (4)
1.The United Nations was established on 4th Oct,1948.
2.Citizens of country do not have political rights .
3.India has a coastline of about 7000 km .
Q.8A Write short notes on . (Any 2) (4)
1.Functions of Security Council.
2.Importance of International Co-operation .
3.Issues discussed at the Earth Summit (1992).
4.Composition of National Human Rights Commission.
Q.8B Complete the following flow chart or given table .(Any 2) (4)

2.

1.
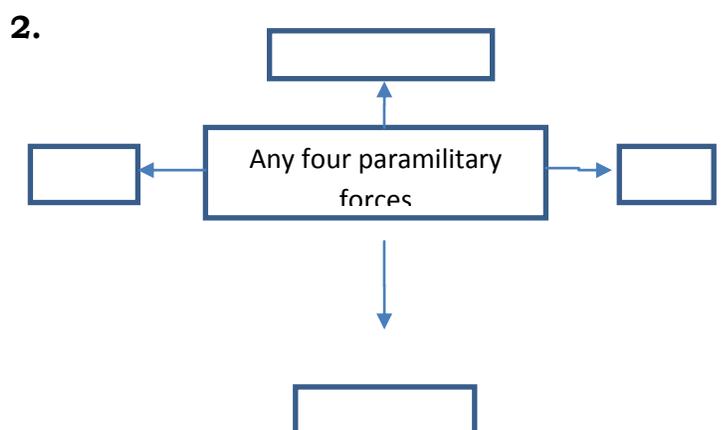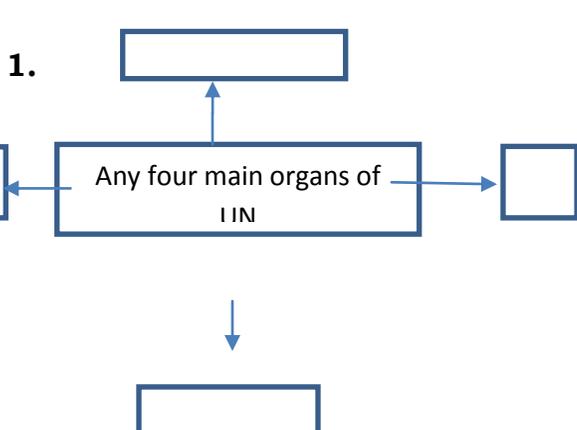
3.

GROUP A (ACTION)	GROUP B (CONFERRENCES)
1. **Directives regarding environmental plicy**	
2. **Discussion on depletion of ozone layer**	

Q9. Answer in brief (any 2) (4)
1.Write about the functions of the National Human Rights Commission .
2.State any 2 advantages of technological changes.
3.Why did the UN declare 8th March as the International Women's Day?

BEST OF LUCK

Q.I) Choose the correct alternative for the following questions.   (10)

1) The coefficient of the monomial $5m^2$ is _____.

   a) -5   (b) 5   (c) 2   (d) -2

2) $\sqrt{6}$ is not a _____ number.

   a) Irrational   (b) rational   (c) non-terminating   (d)none of these

3) Square of -9 is _____.

   a) -9   (b) 81   (c) -81   (d) 729

4) The degree of the polynomial $5x^4 + 3x^2 + 7$ is _____.

   a) 5   (b) 4   (c) 2   (d) 3

5) Lines perpendicular to the same line are _____ to each other.

   a) parallel   (b) intersecting   (c) perpendicular   (d)none of these

6) The cube of 24 is _____.

   a) 13248   (b)13824   (c)13428   (d)14328

7) Decimal form of $\frac{5}{3}$ is _____.

   a) 1.63   (b) 1.62   (c) $1.\bar{6}$ (d) $1.\bar{7}$

8) $\sqrt[4]{10000}$ = _____.

   a) 10   (b)1   (c)100   (d)1000

9) An algebraic expression which contains only two terms is called a   _____.

   a) Monomial   (b) binomial   (c) trinomial   (d) none of these

10) The factor of $x^2 - 121$ is _____.

   a) (x + 11)(x + 11)   (b) (x - 11)(x - 11)   (c)(x + 11)(x - 11)   (d) none of these

Q.II) Attempt any 7 out of 8 questions.   (14)

1) The diameter of the base of a cylinder is 14cm and its height is 17cm. What is its volume?

2) Find the cube root of 4096 by prime factor.

3) Simplify $7^{\frac{1}{3}} \div 7^{\frac{1}{5}}$.

4) Find square root of 151.29 by division method.

5) Divide seg PQ of length 6 cm in the ratio 1:2.

6) Solve $\dfrac{x+2}{x-3} = \dfrac{7}{2}$

7) The measure of an intercepted arc is 140°. What is the measure of the angle inscribed in it?

8) The marked price of a carpet is ₹ 650. If the shopkeeper gives 8% discount on the marked price, what is its selling price?

Q.III) Solve any 5 out of 6 questions. (15)

1) p∝ q when p is 12, the value of q is 18. Find the constant of proportionality and write the equation of variation.

2) The ratio of the difference obtained by subtracting 2 from thrice a number to the sum of twice the same number and 5 is 13:15. What is the number?

3) Fill in the blanks

Opposite angles of cyclic quadrilateral are _____.

One pair of opposite angles of cyclic quadrilateral is congruent.

Let the pair of congruent angles be ∠B and ∠D

∴ m ∠B + ____ = _____

∴ _____ + _____ = _____

∴ 2 × _____ = _____

∴ m ∠ B = _____

∴ m ∠ D = _____

4) Sharadadevi sold a buffalo through an agent. Its price was ₹ 63,500She had to pay a commission of 3%. How much money did Sharadadevi get for the buffalo?

5) Divide the trinomial by the monomial. Write the answer in the form

Dividend = Divisor × Quotient + Remainder

$(x^4 - x^3 + x^2) ; x^2$

6) The number of drivers fined for breaking traffic rules on each day in June at a certain square is as follows:

2 0 3 2 3 1 3 0 2 1 1 2 2 3 1

0 1 0 4 3 2 1 2 3 3 2 3 4 4 2

From this data make a frequency table and find the mean.

Q.IV) Attempt any 4 out of 5 questions. (16)

1) In parallelogram PQRS, m ∠ Q = 130° . Find the measures of the other angles of ▱PQRS.

2) Simplify: $(5a + 3c)^3 - (5a - 3c)^3$

3) Draw quadrilateral of the following measures In quadrilateral RDTG,   *l* (RD) = 6 cm, *l* (DT) = 4 cm, *l* (TG) = 4cm, m ∠D = 100°, m∠ T = 90° .

4) Children of four divisions of standard eighth of a school planted saplings as shown below. Show this information in a joint bar graph.

DIVISION	A	B	C	D
TEAK	30	25	25	20
MANGO	25	25	10	5

Take a scale of 1 cm = 5 saplings on the Y-axis?

5) Divide the polynomial $x^4 - 5x^3 + 5x^2 + 5x - 6$ by binomial (x - 1). Write the quotient and the remainder

Q.V) Solve any 5 out of 6 questions. (25)

1) The radius of the base of a cone is 9cm and its height is 40cm. What is its curved Surface area? What is its total surface area? ($\pi = 3.14$)

2) In a circle of radius 7cm, find the distance of a chord of length 9cm from the centre.

3) How much will it cost to have a triangular field weeded at the rate of ₹ 2 per square metre, if the lengths of the field's sides are 11m, 61m and 60m?

4) The bus has wheels of diameter 0.7m. How many times must the wheel of the bus rotate for covering the distance of 22km between two towns?

5) A car is valued at ₹ 4, 00,000. If its value falls at 2.5% per year, what will its value be after 3 years?

6) Derive the formula of $a^3 + b^3$ and expand $p^3 + 64q^3$.

ALL THE BEST

Thakur Educational Trust's (Regd)

THAKUR VIDYAMANDIRHIGH SCHOOL& JR.COLLEGE

III Terminal Exam 2017- 2018

Subject: Science

Name: _____ STD: VIII Div: _____ Roll No: _____

Marks: 80   Date: 04/04/2018   Time: 2hrs 45 min.

SECTION A

Q1(A)(a) Fill in the blanks: (3)

1) _____ is the brightest star in the constellation Scorpius .
2) The unit of pressure is _____.
3) There is magnetic _____ between like poles.

Q1(b) State true or false and correct the false statement : (2)

1) Electrons revolve around the nucleus of the atom in specific orbits.
2) A catalyst speeds up the chemical reaction.

Q 1(B) Rewrite the following statement by choosing the correct option (5)

1) The _____ is an organelle found only in plant cells.
   a) Ribosome   b) mitochondria   c) plastid   d) nucleus
2) In _____ the National AIDS Control Programme was started .
   a)1986   b) 1987   c) 1990   d) 1997

3) The reaction between hydrogen and chlorine is _____ reaction .

   a) decomposition b) displacement   c) reduction   d) an oxidation

4) The valency of magnesium is 2 and that of chlorine is 1. The molecular formula of magnesium chloride

   is _____.

   a) MgCl   b)$MgCl_2$ c) $MgCl_3$ d) $MgCl_4$

5) Mars has _____ satellites .

   a) 4   b) 3   c) 2   d) 8

Q2) Attempt any 5 of the following :   **(10)**

    1) What is the use of tailfin for the fish ?
    2) How many planets are there in the solar system ?
    3) What is pressure?
    4) Why are the two mirrors in a periscope placed parallel to each other?
    5) Why is it necessary to increase the use of renewable sources of energy?
    6) Why a condenser has two taps?
    7) Why is it possible to draw silver into a wire when even a long pencil point breaks so easily?

Q3) Attempt any 5 of the following :   **(15)**

    1) Why does a copper vessel shine again after scrubbing ?
    2) Distinguish between diamond and graphite .
    3) What is distillation? Draw a neat and labelled diagram showing the process of distillation.
    4) What ill effects of pollution are being seen?
    5) Why the proportion of nitrogen in air remains constant?
    6) What is induced current? What is electromagnetic induction ?
    7) What is reflection of light? State the laws of reflection.

Q4) Attempt any 1 of the following :   **(5)**

1)a) Give two methods of preparation of methane.

  b) Give two uses of methane.

2)a) What function does an observatory perform?

  b) Name the gases used as mixtures in the form of flame in welding.

SECTION B

Q5)(A) a) Match the following :   **(3)**

        A   **B**

1) Bacteria living in the soil   a)Zoos

2) Oxidation   b) Azotobacter

3) Nurturing animals   c) Combination with Oxygen

Q5)b) Find the odd man out in each group : (2)

1) DNA ,RNA ,Nucleus , Gene
2) Scabies ,Eczema ,Ringworm, Polio

Q5) (B) Rewrite the following by choosing the correct option : (5)

1) Halley"s Comet takes about _____ years to complete one revolution around the sun.
   a) 58   b) 45   c) 76   d) 63
2) The newton is the unit of _____.
   a) Velocity b) pressure   c) mass   d) force
3) The nucleus of an atom contains 2 protons and 2 neutrons .The atomic number (z) of the element is _____.
   a) 2   b) 4   c) 1   d) 0
4) Electron microscope magnifies the object two _____ times .
   a) Thousand b) million   c) billion   d) lakh
5) Cholera spreads through water or food contaminated due to _____.
   a) Dogs   b) cats   c) houseflies   d) mosquitoes

Q6) Attempt any 5 of the following : (10)

1) What is meant by a chemical reaction ?
2) What is the shape of Golgi bodies ? What is stored in them?
3) Which is the disease that causes lifelong resistance after its first infection?
4) What is meant by acid rain?
5) Why kaolin is called china clay?
6) How many methods are there for sowing seeds ?
7) In what ways lice and ticks a nuisance for sheep?

Q7) Attempt any 5 of the following: (15)

1) What happens when carbon dioxide is passed through a solution of Sodium carbonate ? Explain with a reaction .
2) When a bottle of an aerated drink is opened, the drink inside gushes out in a stream of a bubbles --- explain.
3) What is weathering ? How does it occur ?
4) Distinguish between thinning & Weeding.
5) Write a short note on cross bred animal.
6) How does nature nurture the plants?
7) Write a short note on storage of grains.

Q8) Attempt any 1 of the followings (5)

1)a) What are the activities at post sowing stage of tilling ?

b)Why is winnowing done after threshing of the grains ?

2)a) What are the advantages of pre-sowing tilling activities?

b)Write a short note on Pisciculture.

ALL THE BEST