

Thakur Educational Trust's (Regd)

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

I Terminal Exam. 2016- 2017

Subject: English.

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

Marks: 80

Date: 24/ 9 /2016

Time:2hrs 45mins.

SECTION I- PROSE - (Reading Skills, Vocabulary and Grammar)

Q1) A. Read the following passage and do the given activities (10)

A1 Choose the correct alternatives and complete the following:

(2)

- a) The writer thought that the _____ of the tree was over. (majesty/chapter)
- b) The ants lifted the fly on their _____ feelers. (frail/wings)
- c) In the cold winter months, the tree was bare of all _____(leaves/stems)
- d) Innumerable stars shine in the _____ sky (finite/infinite)

We saw small bits of grass peeping through the small cracks in a concrete pavement. It left us thinking however impossible things may look, there is always an opening.....

We saw a tree bare of all leaves in the cold winter months . We thought its chapter was over. But three months passed, spring set in and the tree was back to its green majesty once again, full of leaves, flowers, birds and life. What if we too had the conviction that, however difficult things are right now, it will not remain so for ever. Remember this too shall pass.

We saw an army of ants lugging a fly which was at least ten times the ant's size. The ants organized themselves around the fly, lifted it on frail feelers and carried it to quite a distance. Their teamwork and perseverance were impressive. What if we too are consistent, organised, focused..... Spider webs are delicate, yet very strong. A rainbow colours the entire sky. Oysters take in a grain of sand they open up with a pearl. Innumerable stars shine across the infinite sky. Clouds take new shapes with every passing moment. The wind makes trees dance with unhindered passion. Water, without hint of ego, changes its form according to the dictates of the sun and the wind. When we see a caterpillar turn into a butterfly, a flower turn into a fruit, we experience the alchemy of nature..... we touch it and become gold ourselves.

A2. Write sentence from the passage that shows:

(2)

- i) Ants were smaller in size than the fly they lifted.
- ii) Trees moved with the wind.

A3.i) Write down one 'collective noun' from the passage.

(1)

ii) Write down the antonyms of: a) difficult b) impressive

(1)

A4.i) We thought its chapter was over (Pick out the Noun Clause)

(1)

ii) A rainbow colours the entire sky. (Change the voice)

(1)

A5. Who do you take inspiration from to tackle the problems you come across? Why ?

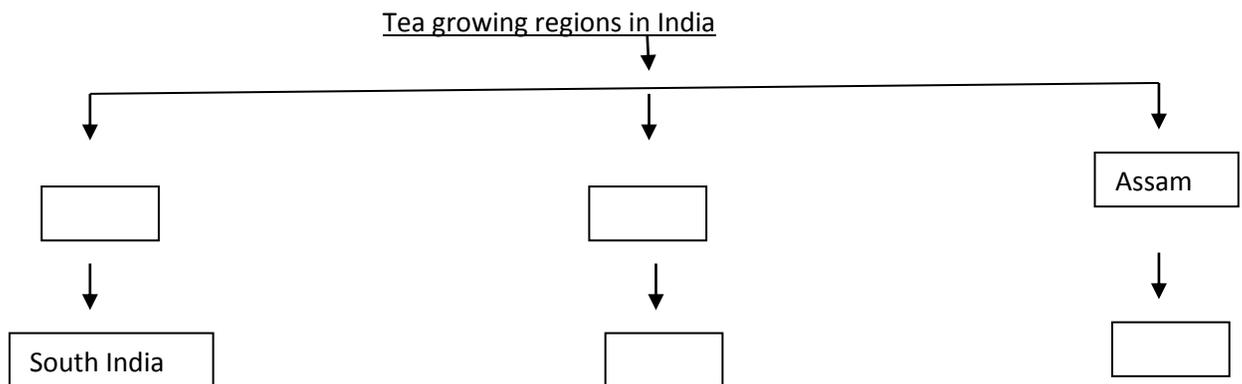
(2)

Q1) B) Read the following passage and do the given activities:

(10)

B1. Complete the following diagram:

(2)



We have three very distinct and different tea growing regions in India. Each of these regions is famous for the special type of tea it produces, which are unique in taste, aroma, strength and flavour. The three regions are: Darjeeling in North-Eastern India, Assam in far North- East India and Nilgiris in South India.

Most people agree that tea is a refreshing drink. It contains no carbohydrates, fat, or proteins. What gives tea its special and distinctive flavour is theanine as well as caffeine, which gives the drink its stimulating quality.

B2.i) Four words from the passage that are related to chemistry are :

(2)

i) ----- ii) ----- iii) ----- iv) -----

B3.i) Pick out one word from the passage that means: a) 'smell' b) inspiring

(1)

ii) Frame sentence of your own using the word - 'refreshing'
(1)

B4. i) Each of these regions is famous for the special type of tea it produces. (Pick out determiners)
(1)

ii) Most people agree that tea is a refreshing drink.(Pick out the verb and state its Tense).
(1)

B5. What is your favourite beverage? Write two health benefits of your favourite beverage.
(2)

-1-

Q2 A. Read the following passage and do the given activities (10)

A 1. Arrange the following in the order of occurrence
(2)

- a) S Ramanujan left his Clerk's job.
- b) A mathematician sent his amateur work to England.
- c) The Real society of England made Ramanujan's a Fellow.
- d) Ramanujan became a clerk.

Mathematics in India inevitably makes one think of one extraordinary figure of recent times. This was Srinivasa Ramanujan. Born in a poor Brahmin family in South India, having no opportunities for a proper education, he become a clerk in the Madras Port Trust. But he was bubbling over with some irrepressible quality of instinctive genius and played about with numbers and equations in his spare time. By a lucky chance he attracted the attention of a mathematician who sent some of his amateur work to Cambridge in England. People there were impressed and a scholarship was arranged for him. So he left his clerk's job and went to Cambridge and during a very brief period there did work of profound value and amazing originality. The Royal Society of England went rather out of their way and made him a Fellow, but he died two years later, probably of tuberculosis, at the age of 33. Professor Julian Huxley has, I believe, referred to him somewhere as the greatest mathematician of the century.

A2.i) Complete the following with the words associated with Ramanujan:
(2)

- i) M _____
- ii) B _____
- iii) C _____
- iv) F _____ of the Royal Society.

A3.i) Write down the noun form of the verbs : a) born. b) attracted
(1)

ii) Mathematics in India inevitably makes one think of Ramanujan .(Pick out the adverb)
(1)

A4.i) He attracted the attention of a mathematician. (Pick out the subject and the Predicate)
(1)

ii) S. Ramanujan was born in South India. (Frame a 'wh' Question to get the underlined part as answer) (1)

A5. What, according to you, are the two features of the subject 'Mathematics' that create interest among

students? Elaborate? (2)

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

B1. State whether the following statements are true or false.
(2)

- i) Pleasures derived from reading books are ordinary.
- ii) Good literature entertains and Instructs.
- iii) We are known by the company we keep.
- iv) We don't derive any pleasure once we finish reading a book.

Good books enrich the mind by providing knowledge. They also widen the horizons of our imagination, and give us an insight into different, and very often, great minds. If a man is known by the company he keeps, why should we not, then, keep the best company - that of good books? Good literature entertains, instructs and elevates. It takes us on a flight of fancy, away from our humdrum lives, to a place or country we want to visit without having to pay for the passage.

Pleasures derived from eating or playing sports are short -lived and ordinary, but the pleasure that we derive from reading books is everlasting and fantastic. Even after we have finished reading a book, we continue to think about it and derive pleasure from it.

To derive maximum pleasure from reading we have gradually pass on from comics, detective novels, magazines and simple storybooks to classic literature. Just like friends, the quality of the books that we read also determine the kind of person we are. Good books will enrich our personalities, and it is these kinds of books that we should turn to when we have the leisure.

B2. Taking clue from the passage Complete the following : -

Good books -

(2)

- i) widen _____
- ii) _____ knowledge
- iii) _____ insight _____
- iv) enrich _____

B3.i) Pick out a word from the passage that means. 'obtained'

(1)

ii) Write down one adjective of your own that can be used for 'books'.

(1)

B4.i) Write down two collocative words for the noun 'Friends'.

(1)

ii) Good books will enrich our personalities. (Frame a 'yes/No' question)

(1)

B5. Which activity, according to you, other than reading books, can improve one's personality?

How?

(2)

-2-

SECTION-II (Poetry)

Q3 A. Read the following extract and do the given activities: (5)

1. Match the columns.

(2)

A	B
i) thirsty	a) plants
ii) dreaming	b) flowers
iii) Mother	c) leaves
iv) wake up	d) dews
	e) sweet buds

I bring fresh showers for the thirsting flowers,

From the seas and the streams;

I bear light shade for the leaves when laid

In their noon-day dreams.

From my wings are shaken the dews that waken
The sweet buds every one,
When rocked to rest on their mother's breast,
As she dances about the sun.

I wield the flail of the lashing hail,
And whiten the green plains under,
And then again I dissolve it in rain,
And laugh as I pass in thunder.

A2.i) Which two forms of cloud are represented in the first stanza ?

(1)

ii) Write down the internal rhymes from the third stanza of the extract.

(1)

A3. The figure of speech in the line 'From my wings are shaken the dews that waken' is _____ because

_____ for a better poetic effect.
(1)

Q3 B. Read the following extract and do the given activities:

(5)

B1. Write other words that sound the same as the following but have different spellings and meanings:

i) hale

ii) Pray

iii) not

iv) need

(2)

"You are old, Father William," the young man cried,
"The few locks which are left you are grey;
You are hale, Father William, a hearty old man;
now tell me the reason, I pray."
"In the days of the youth," Father William replied
"I remember'd that youth would fly Fast,
And abus'd not my health and my vigour at first,
That I never might need them at last."

B2.i). Write two different meanings of the word 'lock':

(1)

ii) Write the rhyme scheme of the second stanza. (1)

B3.Name and explain the figure of speech. (1)

"I remember'd that youth would fly fast"

SECTION -III (Rapid Reader)

Q4) A Read the following passage and do the given activities: (5)

A1. Who said to Whom: (1)

i) "What about him now?"

ii) " Don't get excited".

He sent the assistant and sat beside the patient. At about eleven the patient opened his eyes and smiled at his friend. He showed a slight improvement, he was able to take in a little food. A great feeling of relief and joy went through the household. They swarmed around the doctor and poured out their gratitude. He sat in his seat beside the bed, gazing sternly at the patient's face, hardly showing any signs of hearing what they were saying to him. The sick man's wife asked, "Is he now out of danger?" Without turning his head the doctor said, "Give glucose and brandy every forty minutes; just a couple of spoons will do." The lady went away to the kitchen. She felt restless. She felt she must know the truth whatever it was. Why was the great man so evasive? The suspense was unbearable. Perhaps he could not speak so near the patient's bed. She beckoned to him from the kitchen doorway. The doctor rose and went over. She asked, "What about him now? How is he?" The doctor bit his lips and replied, looking at the floor, "Don't get excited. Unless you must know about it, don't ask now." Her eyes opened wide in terror. She clasped her hands together and implored, "Tell me the truth." The doctor replied, "I would rather not talk to you now." He turned round and went back to his chair. A terrible wailing shot through the still house; the patients stirred and looked about in bewilderment. The doctor got up again, went over to the kitchen door, drew it in securely and shut off the wail.

-3-

A2. Write down two actions done by - (2)

i) The patient

ii) The doctor

A3.i) Do you approve the doctor's behaviour? Why ? (2)

SECTION - IV (Writing Skills)

Q5 A. Letter Writing: (5)

In order to make you aware about the environmental impact of the festival 'Ganesha Chaturthi', Your school organised a workshop 'The most appropriate ecosensitive solution'. You were informed about the water pollution caused by the immersion of idols into natural water bodies, the solutions suggested were-

i) immersion of the idols in a water tank.

ii) using only a natural clay idol and

iii) immersing a 'betel nut' which symbolizes the idol and reusing the same idol every year.

A1. Write a letter to your uncle in the village spreading awareness about the eco-friendly ways of celebrating

the Ganesha Festival that you came to know through the workshop.

OR

A2. Write a letter to the secretary of your Housing Society, informing him about the ways to prevent water

pollution, you learnt in the works and also request him to follow the same from the next year.

Q5 B. Dialogue Writing:

(5)

India recently got two medals in the Rio Olympics 2016. It's a great achievement for our Country.

Many youngsters have got inspired by the sportspersons and have started showing interest in sports.

B1. Write a dialogue between you and your friend about the same.

OR

B2. Develop a dialogue between you and your sports teacher about the impact of sports.

Q6A. Report Writing:

(5)

Your school recently arranged for you a visit to a 'Book Exhibition'. You all got to see varieties of books.

A1. Prepare a newspaper report with the heading 'An Encounter with Books'.

OR

A2. Prepare a school report for your school magazine about the same.

Q6B. Speech Writing:
(5)

B1. Prepare a speech on the topic 'Save water'.

OR

B2. Prepare a speech on 'Importance of Travel and Tourism'

Q7 Expansion of Ideas/ Develop a Story

A1. Expand the following ideas. (Any 1)

(5)

1. Manners are essential.
2. We get what we deserve.
3. Self help in the best help.

OR

A2. Construct a story with any one of the above as the moral.

Thakur Educational Trust's (Regd.)
Thakur Vidya Mandir High School & Junior College

I Terminal Exam 2016-2017

Subject: Mathematics

Name: _____ Std. :VIII Div : ____ Roll

No: _____ Marks : 80 Date :

3/10/2016

Time : 2 hrs.45 mins.

Q.1. Attempt any 10 questions out of 11.

[10]

- 1) Write the square roots of 576.
- 2) Define rhombus.
- 3) Calculate area of square if side of square is 2.8m.
- 4) $a^2 - b^2 =$ _____.
- 5) Solve $x + 4 = 3$.
- 6) Find the value of $(-10)^3$
- 7) $(a \times b)^m = a^{\square} \times b^{\square}$
- 8) Write meaning of $1^{1/5}$
- 9) Every number in the non-terminating recurring decimal form is a _____.
- 10) Lines perpendicular to the same line are _____ to each other.
- 11) Numerical information collected for a specific purpose is called _____.

Q.2. Attempt any 7 questions out of 8.

[14]

- 1) Find the value of the Determinant:- $\begin{vmatrix} 3\sqrt{6} & -4\sqrt{2} \\ 5\sqrt{3} & 2 \end{vmatrix}$
- 2) If p, 9, 8, 6 are in proportion. What is the value of the variable?
- 3) Simplify $x^{1/2} \div x^{1/2}$.
- 4) Find the cube root of 5832.
- 5) Classify the following numbers into rational number and irrational numbers.
 $10.\overline{05}, \sqrt{25}, \sqrt{10}, \sqrt{12}$
- 6) Solve $\frac{x+1}{x-1} = 6$.
- 7) Find square root by division method 151.29.
- 8) Divide seg CD of length 6.4cm into 3 congruent parts.

Q.3. Solve any 5 questions out of 6.
[15]

- 1) Solve the following simultaneous equation using Cramer's rule.
 $X + 18 = 2y$; $y = 2x - 9$.
- 2) Find the length of the diagonal of a rectangle of length 10cm and breadth 6cm.
- 3) In the figure line $a \parallel$ line $b \parallel$ line $c \parallel$

Line s and line e are their transversals intersecting them in points P, Q, R and points L, M, N respectively. point Q is the midpoint of seg PR .

If $l(QR) = 7.2$ and $l(LM) = 6.2$, find $l(PQ)$ and $l(MN)$

- 4) 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 Mean.

- 5) If $z \propto \frac{1}{w}$ and when $w = 24$, $z = 2.5$, find the constant of proportionality and write the equation of variation.

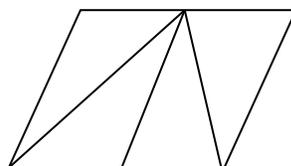
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: 2 :

- 6) The number of runs scored in a match by each player of a cricket team is given below.
21, 17, x , 100, 57, 48, 47, 20, 0, 4, 2. If the mean score is 30, find the value of x .

Q.4. Attempt any 4 questions out of 5 questions.
[16]

- 1) $4y = kx - 10$; $3x = 2y + 5$ find the value of k for which the given simultaneous equations have infinitely many solutions.
- 2) The diagonals AC and BD of rectangle $ABCD$ intersect each other in point O . If $m \angle CAB = 25^\circ$, find $m \angle DAC$ and $m \angle ACD$.
- 3) In the given figure, find the area of the coloured portion.



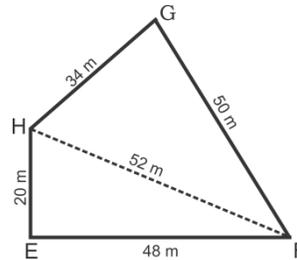
$$l(EF) = 15\text{cm}$$

$$l(AB) = 20\text{cm}$$

- 4) Simplify. $(5a + 3c)^3 - (5a - 3c)^3$
- 5) Find the square root of 237.615 and write the approximate value upto third decimal place.

Q.5. Attempt any 5 out of 6 questions.
[25]

- 1) Using the measures given in the figure, find the area of $\square EFGH$



- 2) Solve the following simultaneous equation.

$$\frac{16}{x+y} + \frac{2}{x-y} = 1; \quad \frac{8}{x+y} - \frac{12}{x-y} = 7$$

- 3) Sixty crates, each of which can hold 36 mangoes, are required to pack a certain number of mangoes. How many crates, each of which can hold 48 mangoes, will be required for the same number of mangoes? What kind of proportion is there between the number of crates and number of mangoes in each crate?
- 4) i) show the expansion of $(a+ b+ c)^2$
ii) Use the formula to expand. $(4l - 2m - 3n)^2$
- 5) The numerator of a fraction is 3 less than its denominator if the numerator is tripled and the denominator is increased by 2, the value of the fraction obtained is $\frac{1}{2}$. What was the original fraction.
- 6) In the parallelogram ABCD, $m \angle A = (8x + 8)^\circ$, $m \angle C = (9x - 7)^\circ$. Find the measure of each angle of this parallelogram.

Thakur Educational Trust's (Regd)

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

I Terminal Examination. 2016- 2017

Subject: Science.

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

Marks: 80
Hrs. 45mins.

Date: 26/9 /2016

Time: 2

SCIENCE I

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

(3)

- 1) The unit of pressure is _____.
- 2) There is magnetic _____ between like poles.
- 3) Charcoal is produced by burning wood in _____ air.

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

(2)

- 1) The ability of metals to withstand hammering and can be made into sheets is called ductility.
- 2) Fossil fuel occur only in the liquid state.

B) Multiple choice question.

(5)

- 1) The newton is the unit of _____.
a) velocity b) pressure c) mass d) force.
- 2) _____ is a magnetic substance .
a) copper b) phosphorous c) water d) nickel
- 3) In Maharashtra, there is an atomic power plant at _____.
a) Sholapur b) Kolhapur c) Tarapur d) Badlapur
- 4) The formula ethane is _____.
a) C₃H₈ b) C₄h₁₀ c) C₂H₆ 4) CH₄
- 5) Dilute hydrochloric acid added to aluminum forms _____ and hydrogen gas.
a) Magnesium Chloride b) Sodium Chloride c) aluminium Chloride d) Hydrogen Chloride.

QII) Answer any 5 of the following: -

(10)

- 1) What is a Solar cell ? Where is it used?
- 2) Where are the poles of disc magnet located?
- 3) Why does ink not spill out of an ink dropper?
- 4) What happens when zinc is heated in air?
- 5) What are the main causes of energy Crisis?
- 6) What is pressure? OR Define pressure

QIII) Attempt any 5 of the following; -

(15)

- 1) Why an ST bus has four rear wheels?
- 2) State any four uses of magnet?
- 3) Why deposits of fossil fuels are limited?
- 4) Distinguish between metals and non-metals.
- 5) Why sodium is more reactive metal than Aluminium? Name the alloy if one of the metal is mercury?
- 6) Why do knives and blades have sharp edges?

QIV) Attempt any one of the following

(5)

- 1) What are the different ways and methods by which corrosion of metals can be prevented?
- 2) a. Why the temperature of the atmosphere is rising?
b. Why noble gases are chemically inactive?

SCIENCE II

QV) A)i) Fill in the blanks :-

(3)

- 1) Some fishes use their tail fin as a _____ to defend themselves.
- 2) The study of cells is called _____.
- 3) For preventing infection from tuberculosis _____ vaccine is taken.

ii) State whether the following statements are true or False. Correct the false statement.

(2)

- 1) Viruses do not have cytoplasm and cell organelles.
- 2) The mass of an atom depends on the number of protons and electrons.

QV) B) Multiple choice questions

(5)

- 1) The valency of magnesium is 2 that of chlorine is 1. The molecular formula of magnesium chloride is
a) $Mg_2 Cl_2$ b) $Mg Cl$ c) $Mg Cl_2$ d) $Mg Cl_3$
- 2) The nucleus of an atom contains 2 protons and 2 neutrons. The atomic number (z) of the element is _____.
b) 4 b)2 c) 1 d) 0
- 3) The _____ is an organelle found only in plant cells
a) ribosome b) plastid c) nucleus d) mitochondrion.
- 4) Cholera spreads through water or food contaminated due to _____.
a) dogs b) cats c) rats d) houseflies.
- 5) In _____ the National AIDS control Programme was started.
a) 1986 b) 1987 c) 1990 d) 1997.

VI) Answer any 5 of the following

(10)

- 1) What are the symptoms of Polio?
- 2) List the characteristics of cell membrane.
- 3) What were the observations of Rutherford's experiment of alpha rays ?
- 4) Why is biodiversity declining due to climatic change?

5) What steps are taken to prevent oxidation of edible articles?

6) What are products? What are the uses of Plaster of Paris?

VII) Attempt any 5 of the following: -

(15)

1) Distinguish between oxidation and reduction?

2) Why some bacteria increase the fertility of the soil?

3) What is the characteristics property of the element hydrogen? (Draw diagram)

4) Distinguish between combination and decomposition.

5) Define reactants. What happens when Barium sulphide is added to Zinc Sulphate solution.

6) Write a short note on Vaccination.

QVIII) Attempt any one of the following:-

(5)

1) Explain the importance of personal and public cleanliness.

2) a. What will you do if a child in your class is an AIDS patients?

b. What measures can be taken to prevent Tuberculosis?

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

I Terminal Exam. 2016- 2017

Subject: History.

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

Marks: 40
Time:2hrs.

Date: 28/09/2016

**QI) A) Fill in the blanks in the given statements choosing the correct alternatives from the
(3)**

brackets -

- 1) The Nawab Mir Kasim tried to check the _____ trade practices of the British(wrong, illegal, false)
- 2) Under the leadership of Sarojini Naidu Dharsana _____ took place (revolt, rebellion, Satyagraha)
- 3) Wycliffe criticised the hypocritical behaviour of the _____ (pope, clergy, church)

QI) B) Match the following

(3)

A

B

- | | |
|------------------|-------------------|
| 1) Kunwar singh | a) Bihar. |
| 2) Rani Laxmibai | b)Jagdishpur |
| 3) Santhals | c) Chhota Nagpur. |
| | d) Jhansi |

QII) Answer in 25-30 words (any2)

(4)

- 1) State the principles given by the French Revolution to the world.
- 2) Name the goods imported from the east by the European countries.
- 3) Which news hurt the religious sentiments of the Indian soldiers?

QIII) Give reason for the following statement (any2)

(4)

- 1) The Muslim league was formed in 1906.
- 2) There was discontent among the conservative Hindus.
- 3) The underdeveloped countries lost their freedom.

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

(6)

- 1) State the significance of the Jallianwala Baug massacre.
- 2) Write about the 'Lucknow Pact'.
- 3) What led to the wars between the British & the French.

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

(8)

- 1) What were the contribution of extremists and moderates in India's freedom movement?
- 2) How was the economic exploitation responsible for the emergence of nationalism?
- 3) Briefly state the causes of the failure of the National Uprising of 1857.

CIVICS

QVI) Fill in the blanks in the given statements choosing the correct alternatives from the

(3)

brackets -

- 1) Opposition to colonialism and imperialism is a characteristic feature of _____ of India. (Panchsheel, armed force, foreign policy)
- 2) Globalization has increased influence of _____ factors on foreign policy. (Social, economic, political)
- 3) The headquarters of the _____ are located in New Delhi. (armed forces, paramilitary force, security force)

QVII) Answer in one sentence (any 3)

(3)

- 1) Name the components of the Army?
- 2) What does the Non-aligned Movement oppose?
- 3) What kind of relations are there among the nations?

4) What is the main functions of the Army?

5) What does Article 51 of the Indian constitution guide us about?

QVIII) State True or False with Reason (any 2)

(4)

1) There are four components of armed force.

2) Article 54 guides us about the international relation.

3) The "National Interest" means selfish Interest.

QIX) Answer in 25-30 words (any 1)

(2)

1) Why is it necessary to maintain well-equipped armed forces?

2) What confidence has the Non-aligned movement given to the less developed Countries.

Thakur Educational Trust's (Regd)

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

I Terminal Exam. 2016- 2017

Subject: Geography.

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

Marks: 40
2hrs.

Date: 30 /09 /2016

Time:

QI) A. Fill in the blanks

(4)

- 1) The outermost solid layer of the earth is called the _____.
- 2) The _____ earthquake waves are the most destructive.
- 3) _____ soils are found in the Kashmir Valley.
- 4) Antarctica is completely surrounded by the _____ Ocean.

B. Match the following

(3)

A

B

- | | |
|-----------|---------------------------|
| 1) Hassan | a) Silicon and Magnesium. |
| 2) Sima | b) Karnataka |
| 3) Shale | c) Nickel and Iron |
| | d) Slate |

C. Answer the following questions in short (Any 4)

(8)

- 1) What is 'folding'?
- 2) What is the 'focus' of an earthquake?
- 3) Proportion of which minerals is high in most of the rocks?
- 4) What is soil?
- 5) Which landforms are created due to the processes of erosion by river?

QII) A. Give reasons (Any 3)

(6)

- 1) The secondary waves of an earthquake cannot travel through the core of the earth.
- 2) Igneous rocks are called primary rocks.
- 3) In Antarctica, extraction of minerals is not permitted.
- 4) Glaciers have a low velocity.

B. Write short notes on (Any3)

(6)

- 1) Remote sensing.
- 2) The Mantle.
- 3) Rift valleys.
- 4) Exfoliation.

QIII A. Answer in brief (Any 3)

(9)

- 1) Differentiate between 'Central vent volcano' and 'Fissure volcano'.
- 2) Explain the process of biological weathering.
- 3) What is meant by sand dunes?
- 4) What are the environmental issues related to Antarctica.

B. Draw a neat and labelled diagram (Any 1)

(2)

- 1) The Interior of the earth.
- 2) Mechanical weathering due to freezing of water.

C. Locate the following in the map of Antarctica. Give index.

(2)

- 1) Indian Ocean.
- 2) Mountain Pensacola.
- 3) American Highland.
- 4) Peak : Murchison.

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