# Shakur Educational Stust's (Regd.) <br> THAKUR VIDYA MANDIR HIGH SCHOOL \&JR.COLLEGE <br> I TERMINAL EXAMINATION 2018- 2019 <br> Subject: Geography 

Name: $\qquad$ STD: VII Div: $\qquad$ Roll No: $\qquad$
Marks : 40
Date : 03/10/2018
Time : 2 hrs .
Q. 1 A Read the correct statement and correct the wrong ones

1. The moon revolves around the sun.
2. It is alright to observe a solar eclipse without protecting the eyes.
3. Air pressure is expressed in millibars.
4. The raised up portion of the wave is called trough.
B. Fill in the gaps with the appropriate option.
5. A Solar eclipse can occur on a $\qquad$ moon day.
(Full, new, crescent)
6. The earth's turning around its own axis is called $\qquad$ of the earth. (rotation, revolution, orbital motion).
7. High Tide helps $\qquad$ activity.
(fishing, farming, mining)
8. At Higher altitude air becomes $\qquad$ .
(Thicker, thinner, hotter)
Q.2(A) Answer the following question in one sentence each.
9. What type of eclipse will occur in perigee conditions?

2 What are the two main types of tides?
3. On what does the velocity of waves depend?
4. What will be the effect on air pressure if the temperature drops?
(B). Match the following

| Sr. No. | Group A | Group B | Group C |
| :---: | :--- | :--- | :--- |
| 1. | Waves | New Moon Day | Highest High Tide occurs <br> on this day |
| 2. | Centrifugal Force | The Moon, <br> The Sun and <br> the Earth. | Objects get thrown towards <br> the outer side. |
| 3. | Gravitational Force | Rotation of <br> the Earth | They are also generated due <br> to earthquakes and <br> volcanoes |
| 4. | Spring tide | Wind | Operates in the direction <br> towards the centre of the <br> earth. |

1. The other side of the moon is never seen from the earth.
2. A solar eclipse does not take place on every new moon day.
3. Tides are influenced more by the moon than the sun.
4. Air Pressure decreases with increasing altitude.
Q.3(B) Answer the following in brief (Any three)
5. Explain the reason for the generation of waves.
6. What are perigee and apogee?
7. Write in brief about barometer.
8. What are the effects of Air pressure?
Q. 4 A Draw the following diagrams
i). Total and partial solar eclipse.
ii). Spring Tides.
(B) Differentiate the following (Any Two)
i). High Tide and low tide.
ii). Temperature and Pressure belts.
iii). Spring tide and Neap tide.

## Q.5 ) Read the diagram and answer the following questions.

1. Which pressure belt in mainly found in the tropics?
2. With which pressure belt are the polar winds associated?
3. In which temperature zone are the polar winds observed?
4. With which pressure belts are the winds in the Temperate zone associated?

## ALL THE BEST

# Shakur Educational Irust's (Regd.) <br> THAKUR VIDYA MANDIR HIGH SCHOOL \& JR.COLLEGE I TERMINAL EXAMINATION 2018- 2019 <br> Subject: History/ Civics. 

Name: $\qquad$ STD: VII Div: $\qquad$ Roll No: $\qquad$
Marks: 60
Date: 29/09/2018
Time: 2 hrs .

## HISTORY

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

1. Shivaji Maharaj started the work of founding Swaraj in $\qquad$ region.(Javali ,Maval ,Bijapur)
2. The author of Amrutanubhav was Sant $\qquad$ .(Eknath ,Namdeo ,Dnyaneshwar )
3. The Sufi is a sect within $\qquad$ . (Hinduism ,Islam ,Christianity )
4. $\qquad$ was the founder of Bahamani kingdom. (Hasan Gangu ,Babur, Bhillam V)

Q1. B. Identify the wrong pair and rewrite the corrected one.
a. 1.Coins-Material Source
2.Folk tales-Written Source
3. Tarikh-Sequence of events
4.Bakhar-originated in Maharashtra
b. 1.Sant Mirabai-Krishnabhakti 2.Guru Nanak-Tenth Guru of the Sikhs
3.Sufi Saint -Khwaja Moinuddin Chisti 4.Narsi Mehta -First Gujrati poet
c. 1.Mauja -Big village 2.Pargana - Group of villages
3.Officers in Kasba -Shete andMahajan 4.Officers in Mauja -Patil and Kulkarni
d. 1.Birth place of Shivaji Maharaj-Shivneri Fort 2.Swaraj visionary -Shahajiraje 3.First capital of Swaraj - Raigad
4.Chandrarao More -opposed founding of Swaraj

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


Q2. B. Write short Notes/ Explain the concept: (any 2)

1. Rani Durgavati
2.Baluta 3..Royal Seal

Q3. A Explain the statements with reason: (any 2)

1. Shivaji Maharaj entered into a treaty with Adilshah .
2. Aurangzeb imprisoned Guru Teghbahadur .
3. Guru Granth Sahib is worshipped as the Guru by the Sikhs .
4. A famine was the worst calamity for the people .
5. Shahajiraje is termed as a Swaraj Visionary.
6. What do you know about Harihar?
7. Explain the term Topkar .
8. Why did Shivaji Maharaj kill Afzalkhan?

Q4. Read the passage and answer the questions based on it.
Many people were influenced by the teachings of Guru Nanak. The number of his followers increased day by day .The followers of Guru Nanak are known as Sikhs meaning disciples.The Aadigrantha also known as the Guru Granth Sahib is the holy book of the Sikhs. The Aadigranth includes the compositions by Guru Nanak ,Sant Namdeo, Sant Kabir and other Sants .Guru Gobindsingh was the tenth Guru of the Sikhs.

1. Who were influenced by the teachings of Guru Nanak ?
2.What are the followers of Guru Nanak called ?
2. What is the other name of Aadigrantha ?
3. What does the Aadigranth include?

Q5. Answer the following questions in detail. (any 2)

1. Write shortnote on Sant Dnyaneshwar .
2. Write in short about Veermata Jijabai .
3. Bhakti movement in North India.

## CIVICS

## Q6. Fill in the blanks in the given statements choosing the correct alternative from the brackets:

1.The Constitution of $\qquad$ country is primarily unwritten.(America ,England ,India )
2. $\qquad$ was the Chairman of the Drafting Committee .(Dr.Rajendra Prasad ,Dr.Babasaheb
Ambedkar, B. N. Rau )
3.A Secular country doesnot have its official $\qquad$ .(language ,region ,religion )
4. When there is absence of unfair restrictions, we call it as $\qquad$ .(equality ,liberty ,democracy )

## Q7. Explain with reason whether the statements are true or false:

 (any 2)1. The Preamble ends with the words ' We the people of India .'
2. We feeling towards on another is called as Equality.
3. There were a total of 150 members in the Constituent Assembly .

Q8. A. Explain the concept. (any 2)

1. Constitution
2.Socialist State
3.Constitution Day

Q8. B. Do as directed/ instructed.
Complete the following concept maps. (any 2)
1.
2.

3.


Q9. Answer the following in brief. (any 2)

1. What is meant by adult franchise?
2. Write about the Constituent Assembly of India .
3. Write in short about Democratic State .

## BEST OF LUCK

|  | Shakur Educational S |  |
| :---: | :---: | :---: |
|  | PYA MANDIR HIGH | R.COLLEGE |
|  | I Terminal Re-Exam |  |
|  | Subject: History |  |
| Name: | STD: | Roll No: |
| Marks: 60 | Date: 11/10/2018 | Time: 2 hrs . |

## HISTORY

Q1. A. Fill in the blanks in the given statements choosing the correct alternative from the brackets.
1.There was a peth adjacent to $\qquad$ .(kasba ,pargana ,mauja)
2.Jahangir succeeded $\qquad$ as the Mughal emperor in 1605 CE .(Babur ,Akbar ,Humayun
3.Jijabai was the daughter of sardar Lakhujiraje Jadhav of $\qquad$ -.

Sindhudurg ,Sinkhrdraja ,Sangli )
4.Muslim Sant $\qquad$ composed devotional songs on Krishnabhakti(Moinuddin Chisti,Raskhan,Azamshah)

Q1. B. Identify the wrong pair and rewrite the corrected one.
e. 1.Coins-give information of ruler
2.Folk tales-Written Source
3.Tarikh-sequence of events
4.Bakhar-material source
f. 1.Sant Mirabai-Krishnabhakti
2.Naynars -devotees of Harihar
3.Sufi Saint -KhwajaMoinuddinChisti
4.Narsi Mehta -First Gujrati poet
g. 1.Mauja -small village
2.Pargana - Group of villages
3.Shirwal pargana -40 villages
4.Pune pargana - 250 villages
h. 1.Birth place of ShivajiMaharaj -Shivneri Fort
2.Swaraj visionary -Shahajiraje
3.First capital of Swaraj - Rajgad
4.Sawants of Sawantwadi -supported Shivaji Maharaj

Q2. A. Complete the following concept map. (any2)
2)
2)

2. Babur
3. Shahajiraje
4. Baluta

Q3. A Give reasons. (any 2)
(6)
6. Shivaji Maharaj paid attention to building a navy.
7. Study of buildings is important .
8. Aurangzeb imprisoned Guru Teghbahadur .
9. Guru Granth Sahib is worshipped as the Guru by the Sikhs .
10. The work of Sants awakened the people .

Q3. B. Answer the following in 25-30 words (any 2)
(6)
4. What did Guru Nanak realize after visiting many holy places.
5. Explain the term History
6. Why did ShivajiMaharaj kill Afzalkhan ?

Q4. Read the passage and answer the questions given below. (4)
Many people were influenced by the teachings of Guru Nanak. The number of his followers increased day by day.The followers of Guru Nanak are known as Sikhs meaning disciples.TheAadigrantha also known as the Guru Granth Sahib is the holy book of the Sikhs. The Aadigranth includes the compositions by Guru Nanak, SantNamdeo, SantKabir and other Sants .Guru Gobindsingh was the tenth Guru of the Sikhs.
1.Who were influenced by the teachings of Guru Nanak?
2.What are the followers of Guru Nanak called ?
3.What is the other name of Aadigrantha ?
4.What does the Aadigranth include ?

Q5. Answer in detail. (any 2)
4. Write in short about Swami Ramdas
5. Write in short about companions and associates of Shivaji Maharaj.
6. Bhakti movement in North India.

## CIVICS

Q6. Fill in the blanks.
(4)
$\qquad$ is celebrated as the Constitution Day.$\left(26^{\text {th }}\right.$ November, $26^{\text {th }}$ August, $12^{\text {th }}$ december).
2.India has a $\qquad$ Constitution .(small ,written, unwritten.)
3.A Secular country doesnot have its official $\qquad$ .(language ,region ,religion )
4. When there is absence of unfair restrictions, we call it as $\qquad$ .(equality ,liberty ,democracy )
Q7. True or False with reasons. (any 2)
4. The Preamble ends with the words 'We the people of India .'
5. We feeling towards on another is called as Equality.
6. Dr Rajendra Prasad is called as the architect of Indian Constitution

Q8. A. Short Notes. (any 2)
2. Constitution
3. Written Constitution
4. Sovereign State
2.
2. $\square$

3.

4. What is meant by adult franchise ?
5. Write about the Constituent Assembly of India .
6. Write in short about Equality of Opportunity

## BEST OF LUCK



QI) A) Solve the following ( any 8)

1. Multiply : $(9) \times(-3)$
2. Draw a line segment of 3.8 cm and draw its perpendicular bisector.

3 Subtract: $\frac{17}{28}-\frac{11}{35}$
4 Find the value of $6^{3}$
5 Write two pairs of twin prime numbers from 1 to 20.
6 Find the LCM of 36,42 .
7 Find the measures of the complement of an angle of $30^{\circ}$.
8 Write the multiplicative inverse of $-\frac{4}{3}$
9 Find the prime factor of 150 .
QI)B) Solve the following (any 4)

1. Find the measures of the supplement of an angle of $100^{\circ}$
2. Find the HCF and LCM of 32,16 .
3. Write $\frac{5}{12}$ in decimal form.
4. Simplfy: $a^{8} \div a^{4}$
5. Draw an angle of $55^{\circ}$ and draw its bisector .

QII) A) Choose the correct alternative for those given below and rewrite the sentence.
Q1) The H.C.F of this pair of numbers is not 1 $\qquad$
a) 13,17
b) 29,20
c) 40,20
d) 14,15

Q2) Which of the following expression has value 42
a) $10 \times 3+(5+2)$ b) $10 \times 4+(5-3)$ c) $8 \times 4+3$ d) $(9 \times 3)+2$

Q3) The Perpendicular bisectors of the sides of a triangle are concurrent .Their point of concurrence is called the $\qquad$
a) Circumcenter
b) apex
c) incentre
d) Point of Intersection

Q4) Q4) Find the value $10^{2}=$ $\qquad$
a) 100
(b) 150
(c) 10 (d) 101 .

Q5) Angles in a linear Pair are $\qquad$
a) Supplementary angles b) Complementary angles c) vertically opposite angles d) None

Q6) The value of $(-8)^{12} \div(-8)^{12}$ is
a) $0 \quad$ b) 1 c) 2 d) 3

Q7) There are ----------- rational numbers between any two rational numbers
a) One b) two c) Innumerable d) None

Q 8) Which of the following are eve prime number $\qquad$
a) $8 \quad$ b) 4
c) None d) 2

QII) B )Solve the following (any 4)

1) Simplify $: \frac{3}{5}+\frac{3}{8} \div \frac{9}{4}$
2) $\operatorname{Add}: \frac{3}{7}+\frac{10}{11}$
3) Write three rational numbers that lie between the two given numbers $\frac{5}{7}$ and $\frac{11}{7}$
4) Carry out the division of rational number $\frac{-40}{12} \div \frac{-10}{4}$
5) $\angle A C D$ is an exterior angle of $\triangle A B C$,The measures of $\angle A$ and $\angle B$ are equal. If $m \angle A C D=130^{\circ}$. Find the Measures of $\angle A$ and $\angle B$.


C

Q1) The LCM and HCF of two numbers are 32 and 37 respectively .IF one of the two numbers is 216 .what is the other number?
Q2) Write three division of integers such that the fractional form of each will be $\frac{24 .}{5}$
Q3) Draw the pairs of angles as describe below .If that is not possible, say Why
a) A pair of adjacent angles b) complementary angles that do not form a linear pairs .

Q4) Simplify the expressions.
a) $45 \div 5+20 \times 4-10$

Q5) Find the square root of 625 by factorization method.
Q3 B) Solve the following.(any 4)

1) Find the value of (a) $(-3 / 2)^{4}$
(b) $2^{4}$.
2) If $\mathrm{m} \angle \mathrm{A}=60^{\circ}$, What is measure of the supplement of the complement of $\angle \mathrm{A}$ ?
3) Multiply a) $0 / 6 \times 3 / 4 \mathrm{~b}) 12 / 5 \times 4 / 15$.
4) Divide a) $100 \div 6$ (b-9 $\div(-54)$
5)Write the base and index of the following numbers (a) $15^{3}$ (b) (-17) ${ }^{4}$

QIV) Solve the following (any 6)
Q1) Construct $\triangle X Y Z$ such that $1(Y X)=6 \mathrm{~cm}, \mathrm{~m} \angle \mathrm{Z} \mathrm{XY}=40^{\circ}, \mathrm{m} \angle X Y Z=100^{\circ}$
Q2) Reduce $\frac{221}{247}$ to its simplest form .
Q3) Lines AC and BD intersect at Point $\mathrm{P}, \mathrm{m} \angle \mathrm{APD}=57^{\circ}$. Find the measures $\angle \mathrm{APB}, \angle \mathrm{BPC}, \angle \mathrm{CPD}$


Q4) Find the square root of 19321 by division method.


Q6) Simplify a) $\left(3^{4}\right)^{-3}$
(b) $\left[(1 / 7)^{-3}\right]^{5}$

Q7 ) Simplify $140 \div[(-11) \mathrm{x}(-3)-(-42) \div 14-1)]$

Qv) Solve the following (any 2)
Q1) In the isosceles triangle $\mathrm{ABC}, \angle \mathrm{A}$ and $\angle \mathrm{B}$ are equal. $\angle \mathrm{ACD}$ is an exterior angle of $\triangle \mathrm{ABC}$.
The measures of $\angle A C B$ and $\angle A C D$ are $(3 x-17)^{\circ}$ and $(8 x+10)^{\circ}$ respectively. Find the measures of $\angle A C B$ and $\angle A C D$. Also find the measures of $\angle A$ and $\angle B$.

Q2) Write the following numbers as power of 10
a) Volume of the earth $=3,00,00,00,00 \mathrm{cu} . \mathrm{km}$ (approximately)
b) Diameter of an atom of gold $=0.0000000000000356 \mathrm{~cm}$.

Q3) Construct any $\Delta$ STD .Draw the bisectors of its three angles
QVI) Solve the following. (any 2)
Q1) Simplify
a) $(-11)^{3} x(-11)^{2}$
b) $\left(\frac{6}{5}\right)^{2} \div\left(\frac{6}{5}\right)^{5}$

Q2) Angles of measures $(a+15)^{\circ}$ and (2a) ${ }^{\circ}$ are complementary. What is the measure of each angle .
Q3) Find the smallest number which when divided by $8,10,12,14$ gives a remainder of 3 every time.

Name: $\qquad$
$\qquad$ Roll No: $\qquad$
Marks:80
Date: 01/10/2018
Time:2hrs45mins
QI) A) Solve the following ( any 8)
3. Multiply : $(9) \times(-4)$
4. Draw a line segment of 5.3 cm and draw its perpendicular bisector.

4 Subtract: : $\frac{7}{11}-\frac{3}{7}$
4 Find the value of $5^{3 .}$
5 Write two pairs of twin prime numbers from 1 to 20.
6 Find the LCM of 12,15 .
7 Find the measures of the complement of an angle of $20^{\circ}$.
8 Write the multiplicative inverse of $-\frac{7}{3}$
9 Find the prime factors of 40.
QI)B) Solve the following (any 4)
6. Find the measure of the supplement of an angle of $135^{\circ}$
7. Find the HCF and LCM of 14,28 .
8. Write $\frac{13}{4}$ in decimal form.
9. Simplfy : $a^{6} \div a^{4}$
10. Draw an angle of $90^{\circ}$ and draw its bisector .

QII) A) Choose the correct alternative for those given below and rewrite the sentence.

1) The H.C.F of 120 and 150 is $\qquad$
b) 30
b) 45
c) 20
d) 120
2) Which of the following expression has value 37
b) $10 \times 3+(5+2)$
b) $10 \times 3+(5-3)$
c) $8 \times 4+3$
d) $(9 \times 3)+2$
3) The three angle bisectors of a triangle are concurrent. Their point of concurrence is called the $\qquad$
b) Circumcenter
b) apex
c) incentre
d) Point of Intersection
4) The sum of the measures of the interior angles of a polygon is $\qquad$
a) $180^{\circ} \times(n-2)$
b) $180^{\circ} \times(\mathrm{n}-1)$
c) $180^{\circ} \times n$
d) $180^{\circ} \times(\mathrm{n}-3)$
5) Angles in a linear Pair are
b) Supplementary angles b) Complementary angles c) vertically opposite angles d) None
6) The value of $(-7)^{12} \div(-7)^{12}$ is
b) 0
b) 1
c) 2
d) 3
7) There are ------------ rational numbers between any two rational numbers
b) One
b) two
c) Innumerable
d) None
8) Which of the following are pairs of co-primes -
b) 8,14
b) 4,5
c) None
d) 27,15

QII) B )Solve the following (any 4)

1) Simplify $: \frac{3}{5}+\frac{3}{8} \div \frac{6}{4}$
2) $\operatorname{Add}: \frac{5}{7}+\frac{9}{11}$
3) Write three rational numbers that lie between the two given numbers $\frac{4}{5}$ and $\frac{2}{3}$
4) Carry out the division of rational number $\frac{40}{12} \div \frac{10}{4}$
5) $\angle A C D$ is an exterior angle of $\triangle A B C$,The measures of $\angle A$ and $\angle B$ are equal. If $m \angle A C D=140^{\circ}$, Find the Measures of $\angle A$ and $\angle B$.

6) The LCM and HCF of two numbers are 432 and 72 respectively. IF one of the two numbers is 216 .what is the other number?
7) Write three division of integers such that the fractional form of each will be $\frac{-5}{7}$
8) Draw the pairs of angles as describe below .If that is not possible, say Why
b) A pair of adjacent angles
b) complementary angles that do not form a linear pairs .
9) Simplify the expressions.
b) $45 \div 5+20 \times 4-12$
10) Find the square root of 144 by factorization method .

Q3 B) Solve the following.(any 4)
4) Find the value of (a) $(-1 / 2)^{4}$
(b) $2^{10}$.
5) If $\mathrm{m} \angle \mathrm{A}=70^{\circ}$, What is measure of the supplement of the complement of $\angle \mathrm{A}$ ?
6) On the line below, the distance between any two adjoining points shown on it is equal. Hence, write four pairs of congruent segments.

7) Divide a) $100 \div 60$ (b) $9 \div(-54)$.
8) Write the base and index of the following numbers (a) $16^{3}$ (b) $(-13)^{4}$.

QIV) Solve the following (any 6)

1) Construct $\triangle X Y Z$ such that $l(Y X)=6 \mathrm{~cm}, m \angle Z X Y=30^{\circ}, \mathrm{m} \angle X Y Z=100^{\circ}$
2) Reduce $\frac{209}{247}$ to its simplest form .
3) Lines AC and BD intersect at Point $\mathrm{P}, \mathrm{m} \angle \mathrm{APD}=47^{\circ}$. Find the measures $\angle \mathrm{APB}, \angle \mathrm{BPC}, \angle \mathrm{CPD}$

4) Find the square root of 9801 by division method.
5) $(a+30)^{\circ}$ and $(2 a)^{\circ}$ are the measures of two supplementary angles. What is the measure of each angle?
6) Simplify a) $\left(3^{4}\right)^{-2}$
(b) $\left[\left(\frac{1}{7}\right)^{-3}\right]^{4}$

7 ) Simplify
$\{(220-140)+[10 \times 9+(-2 \times 5)]\}-100$

## QV) Solve the following (any 2)

1) In the isosceles triangle $\mathrm{ABC}, \angle \mathrm{A}$ and $\angle \mathrm{B}$ are equal. $\angle \mathrm{ACD}$ is an exterior angle of $\triangle \mathrm{ABC}$.

The measures of $\angle A C B$ and $\angle A C D$ are $(3 x-17)^{\circ}$ and $(8 x+10)^{\circ}$ respectively. Find the measures of $\angle A C B$ and $\angle A C D$. Also find the measures of $\angle A$ and $\angle B$.
2) Write the following numbers as power of 10
c) Volume of the earth $=11,00,00,00,00,000 \mathrm{cu} . \mathrm{km}$ (approximately)
d) Diameter of an atom of gold $=0.000000000003 \mathrm{~cm}$.
3) Construct any $\Delta$ STD .Draw the bisectors of its three angles

QVI) Solve the following. (any 2)

1) Simplify
b) $(-11)^{5} \times(-11)^{2}$
b) $\left(\frac{3}{5}\right)^{2} \div\left(\frac{3}{5}\right)^{5}$
2) $(\mathrm{Y}-20)^{\circ}$ and $(\mathrm{Y}+30)^{\circ}$ are the measures of complementary angles. Find the measure of each angle .
3) Find the smallest number which when divided by $8,9,10,15,20$ gives a remainder of 5 every time.

## ALL THE BEST

# Shakur Educational Srust's (Regd.) <br> THAKUR VIDYA MANDIR HIGH SCHOOL \& JR.COLLEGE <br> I-TERMINAL EXAMINATION 2018- 2019 <br> Subject: Science. 

Name: $\qquad$ STD: VII

Div: $\qquad$ Roll No: $\qquad$
Marks: 80
Date: 24/09/2018
Time: 2 hr 45 mins.
SCIENCE I
QI) A)a) Fill in the blanks
(2)
i. is the distance traversed by a body in a particular direction in unit time.
ii. The alloy called $\qquad$ is used for making artificial magnets.
b) Write the formula to calculate work done.
c) Match the column :

| A | B |
| :--- | :--- |
| 1) Velocity | a) Kilogram |
| 2) Area | b) Litre |
| 3) Volume | c) Square Metre |
| 4) Mass | d) $\mathrm{m} / \mathrm{s}$ |

B) Choose the correct alternative and rewrite the sentence.
(5)
i. The unit of work is $\qquad$ _.
a) Joule
b) Dyne
c) Metre
d) Kilometre
ii. If a plastic rod is rubbed against a woollen cloth, the electric charge developed on the plastic rod is $\qquad$ .
a) Positive
b) Negative
c) Neutral
d) Zero
iii.
a) Mass
b) Weight
c) Length
d) Speed
iv. The freely suspended magnet always settles in $\qquad$ direction.
a) North-South b) South-North c) East-West d) West-East
v. named the electric charges as positive charge and negative charge.
a) Thomas Browne
b) Thales
c) Benjamin Franklin d) Faraday

QII) Attempt the following questions (Any 5):
(10)
i. Explain vector quantity with the help of examples?
ii. State the Newton's first law of motion.
iii. Why the weight of an object at a high altitude is less than its weight at the sea level?
iv. Why experiments of static electricity are not successful during rainy season?
v. What is the difference between gravitational force and magnetic force?
vi. Write any two uses of metal detectors ?
vii. The velocity of a moving body increases $10 \mathrm{~m} / \mathrm{s}$ to $20 \mathrm{~m} / \mathrm{s}$ in 5 seconds .Find its acceleration?

QIII) Attempt the following questions (Any 5):
i. Distinguish between charging by Conduction and charging by Induction.
ii. What precautions you will take to make accurate measurements in day-to -day affairs?
iii. What are the characteristics of a static electric charge?
iv. Distinguish between distance and displacement.
v. Write the six properties of magnetic lines of force.
vi. What is the direction of velocity of a particle performing uniform circular motion?
vii. Why repulsion is the real test for identifying a magnet?

QIV) Attempt the following questions (Any 1):

1) Describe the construction and working of electroscope with the help of neat and labelled diagram.
2) a) How can an electromagnet be made ? Explain with the help of a diagram.
b) Distinguish between the Single touch and Double touch methods of making artificial magnets with the help of a diagram.
i. Plants like Dodder (Cuscuta) are $\qquad$ .
ii. Monocotyledonous plants: fibrous roots:: Dicotyledonous plants : $\qquad$
b)Find the odd man out : sparrow, cockroach, human, vulture
c)Match the column

| A | B |
| :---: | :---: |
| 1) Microscopic openings | a) Venus fly-trap |
| 2) Insectivorous plant | b) Mushroom |
| 3) Saprophytic plant | c) Lichen |
| 4) Symbiotic plant | d) Stomata |

B) Choose the correct alternative and rewrite the sentence.
i. is required for conversion of solar energy into chemical energy.
a) Nitrogen
b) Phosphorus
c) Potassium
d) zinc
ii.
soil is used for making cosmetics.
a) China clay
b) Shadu
c) Teracotta
d) Multani
iii. Removal of undigested food and unwanted waste products from the body is called
a) Ingestion
b) Digestion
c) Assimilation
d) Egestion
iv.
a) Fenugreek
b) Spinach
c) Onion
d) Pea
v. The scientific name of Mango is $\qquad$ .
a) Bos taurus
b) Sorghum bicolor c) Mangifera indica
d) Hibiscus rosa-sinensis

QVI) Attempt the following questions (Any 5):
i. Define adaptation.
ii. Draw neat and well labelled diagram of Tap root.
iii. What will happen if ....
a) One crop is grown repeatedly in the soil.
b) When rays of light fall on minute particles in the air.
iv. Why do living organisms need nutrition?
v. Why should a glass bottle completely filled with water never be kept in a freezer?
vi. What are the differences between Jowar and Moong?
vii. Distinguish between Ectoparasitic and Endoparasitic nutrition.

QVII) Attempt the following questions (Any 5):
i. How can plants like Cactus and Acacia live in deserts with scarcity of water?
ii. Describe the structure of leaf with the help of neat and labelled diagram.
iii. Explain the various properties of water.
iv. Explain the process of production of food in plants.
v. Why the pulled out piston of a syringe if released, gets immediately pushed inside again?
vi. Write a short note on Darwin's theory of evolution.
vii. Describe the functions of leaf and root.

QVII) Attempt the following questions (Any 1):
i. Describe the structure of a flower with the help of neat and labelled diagram.
ii. a) Explain the picture in your own words:

b) What are the causes of diminished soil fertility?

All the best


A5. You are a highly qualified /educated person and you are appointed for a lower job. Write in few lines what will be your reaction.

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

B1. Name the 4 things mentioned in the passage that we emulate the poses in yoga.
From an ancient Indian discipline, let us move to a very contemporary area of research. Experts today are doing a wonderful job of drawing us into the world of biomimicry. In simple terms, bio means life and mimicry is to emulate. Basically biomimicry is the science of solving human problems with solutions already present in the natural world. From this point of view, yoga is also a form of biomimicry where in typical asanas or poses we emulate mountains, trees, fish, cats and so many more animals! This helps solve our problems brought on by day to day living - such as stiffness and back pain - and allows us to feel physically vibrant and mentally sharp.

| B2. i) Write any two benefits of yoga. | (1) |
| :---: | :---: |
| ii) Give another word for bio. | (1) |
| B3. I) Give synonyms of - a) emulate - b) old - | (1) |
| ii) Give opposites of - a) past $x \quad$ b) tomorrow $x$ | (1) |
| B4. i) Experts today are doing a wonderful job.(Underline the Adjective) | (1) |
| ii) Yoga is a form of biomimicry. (Separate subject and predicate) | (1) |
| B5. You practice yoga in school. Write a few lines on how does it benefits you. | (2) |
| Q3 A. Read the extract and do the following activities: (5) |  |
| A1. Complete the following: |  |
| 1. Painted stations |  |
| 2. Here is the tramp | (2) |

All of the sights of the hill and the plain
Fly as thick
as driving rain;
And ever again,
in the wink of an eye,
Painted stations
whistle by.
Here is a child
who clambers and scrambles,
All by himself
and gathering brambles;
Here is a tramp
who stands and gazes;
And there is the green
for stringing the daisies!

A2.i) Mention any two rhyming words from the given stanzas.
ii) What is the child doing all by himself?

A3.Fly as thick as driving rain; ( Simile/ metaphor) (Identify the figures of speech)
Q3. $B$ Write the appreciation of the following poem with the help of the guidelines given below: (10)

* Title * Poet * Rhyme Scheme * Favourite line * Theme * Figures of Speech* Type of the poem ( at least 5-6 lines) * Why you like/don't like the poem.

Tell me, tell me, smiling child,
What the past is like to thee?
'An Autumn evening soft and mild
With a wind that sighs mournfully.'
Tell me, what is the present hour?
'A green and flowery spray
Where a young bird sits gathering its powerful
To mount and fly away.'
And what is the future, happy one?
'A sea beneath a cloudless sun;
A mighty, glorious, dazzling sea

Q4. A. Read the passage and do the activities: (10)
A1. Complete the following::


Values have a powerful impact on our behaviour, personality and our relationships with others. They may differ from culture to culture. Your values affect (a) yourselves (b) your family (c) your friends, relatives, etc, (d) society, country and the world. You are not born with a sense of values but you absorb them consciously and unconsciously from various sources. At home, when you watch your parents speak very respectfully and lovingly to your grandparents, you will automatically do the same. This is unconscious. When you are writing your first examination in school, your teacher tells you that it is wrong to look into your friends paper, and you obey her instructions. This is a conscious imparting .and absorption of a value. There are many values For some, patriotism may be more important than family relationships. For instance, Veer Savarkar sacrificed personal comfort and responsibility towards his family in the interest of the nation. He spent many years in jail, while his family had difficulty in getting even two meals per day. Rahul Dravid or Sachin Tendulkar may feel that their commitment to their game could be the most important value. It is not that only great or scuccessful people understand and follow values. Even an ordinary sweeper who reports on time for duty and does his job well is practising the values of commitment and sincerity.

A2. Complete the following:

1. Value may differ from $\qquad$ -
2. It is not that only great or $\qquad$ -.
A3. i) From the passage write the noun form of - i) responsible -
ii) personal -
ii) Pick out 2 words ending with 'ing'.

A4.i) You are not born with a sense of values but you absorb them. (Underline the Preposition)
ii) Frame sentence on your own with the given word - ordinary

A5. 'Values have a powerful impact on our personality.' How can values help to bring a change in yourself, write a few lines with the help of the above passage.

Q4B Read the following passage and write a summary/précis writing:(Write a title, central idea, and use appropriate language)

Education is not an end but a means of an end. In other words we do not educate children only for the purpose of educating them the purpose is to make them fit for life. As soon as we realise this fact we will understand that it is important to choose a system of education which will prepare children for life.

In many modern countries it has for some time being fashionable to think that by free education for all whether rich or poor, clever or dumb one can solve all problems of society and build a perfect nation.

But we can already see that free education for all is not enough. We can find in many such countries a large number of people with university degrees than there are jobs for them to fill. Because of their degrees they refuse to do what they think low work; and infact work with the hands is thought to be dirty and shameful. But we have only to think a movement to understand that the work of a completely uneducated farmers and a person who sweeps the street is far more important than that of a professor. We will die if no food is produced and if the streets are not cleaned we would get terrible diseases. Infact when we say all of us can do whatever job suited to his brain and ability and that is beneficial to the society. Only such type of education can be called valuable to the society.

## SECTION: V (Writing Skills)

## Q5. A. Letter writing:

A1. Write a letter to the municipal commissioner complaining about noise pollution during festive season.

## Q5. B. Dialogue writing:

Write a dialogue between mother and son/daughter on keeping his/her room clean.

Here are a few simple tips for you to keep yourself healthy. You must include vegetables and fruits in your diet and drink lots of water. You should avoid junk food completely and even aerated drinks. You should not sit for long period of time. Rather, you should exercise regularly. You should not ignore the importance of good breathing habits. Try breathing deeply, whenever you think of it. See to it that you sleep atleast 7 hours a day. In fact, you should avoid irregular timings.

## B. From the given tabular /table write a paragraph:

| NAME | Jawaharlal Nehru |
| :--- | :--- |
| DATE OF BIRTH | $14^{\text {th }}$ November, 1889 |
| KNOWN BY CHILDREN | Chacha Nehru |
| POLITICAL PARTY | Indian National Congress |
| CHILDREN | Indira Gandhi |
| SERVED INDIA | First Prime Minister |
| DIED | $27^{\text {th }}$ May, 1964 |

Q7A. Expansion of idea (Any one)

1. All that glitters is not gold.
2. A stitch in time saves nine.

## Q7B. Report writing:

Write a newspaper report on the recent heavy rainfall that bought the city to a standstill.


Q1A Do as directed: (GRAMMAR)
(20)

A1.1. Betty had $\qquad$ beautiful dress. $\qquad$ dress was red in colour. (Fill in the correct Articles)
2. Breathe in deeply as you slowly raise your head.(Underline the Adverbs)
3. You leave now.(have /may) (Fill in the blank with suitable auxiliary)
4. Our school is starting a new social work project. (State whether the 'ing' word is a verb or a noun)(1)
5. The shepherd looked after his $\qquad$ of sheep.(flock, brood) (Fill in the blank with suitable noun) (1)
6. $\qquad$ (This, These) painting is mine.(Fill in the correct option from the bracket)(1)
7. Usha ran very fast but failed to reach _ time. (of, on ) (Fill in the preposition from the bracket ) (1)
8. The box was found under the bed. (Identify the part of speech for the underlined word)

A2 1.The beggar had very $\qquad$ (little/ much) food left.( Fill in the blanks with uncountable noun.) (1)
2.The revolver fell on the floor. (Underline the adverbial)
3.Alexander had a very strong army (Identify the nouns and state its kind)
4.The gardener planted a sapling..(pick out the verb and say if they are transitive or intransitive) (2)
5.Read the sentences given below and complete the table:
i) Our English teacher told us a story. ii) My mother gave me a new book.

| Subject | Verb | Indirect Object | Direct Object |
| :--- | :--- | :--- | :--- |
| 1. |  |  |  |
| 2. |  |  |  |

Q1B i) the following saturday was the inter house singing competition(Punctuate the sentence)
ii) Use'request' as Noun and as a Verb and frame meaningful sentences.

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

A1. State whether True or False:

1. Abdul wanted to become a clerk.
2. The merchant was pleased with his work.
3. Abdul quench this thirst for knowledge.
4. Abdul's friend became a courtier.

Merhant: You appear to be smart, be my Clerk.
I 'll pay you well, if honestly you work.
(Some days pass. The merchant calls Abdul.)
Merchant:: I am pleased with your work and loving care !
You are indeed a gem, quite rare.
I will give you a reward, if your demand is fair.
Abdul : (excited) May I now read the books in your store?
Quench my thirst for knowledge, I need nothing more.
Chorus : Days passed by, he learned and learned Gaining the knowledge for which he yearned Philosophy, Astronomy, Arabic and persian
Abdul the scholar now is one in a million!
Will he come to the Emperor's notice?
Will he be given an honourable office?
Friend: News for you, Abdul.
The Emperor has answered your prayer.
The Royal Murgikhana is now under your care.
A2.i) Name the languages mentioned in the passage.
ii) What job did the Emperor give Abdul?

A3. I) Give one word from the passage which means -‘ one in a million'
ii) Give plural of -
a) day -
b) book -

A4 i) I'll give you a reward, if your demand is $\qquad$ . (fair /fare)
(Choose the correct option and rewrite the sentences)
ii) You are indeed a gem. (Identify the tense)

A5. You are a highly qualified /educated person and you are appointed for a lower job. Write in few lines what will be your reaction.

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

B1. Name the 4 things mentioned in the passage that we emulate the poses in yoga.
From an ancient Indian discipline, let us move to a very contemporary area of research. Experts today are doing a wonderful job of drawing us into the world of biomimicry. In simple terms, bio means life and mimicry is to emulate. Basically biomimicry is the science of solving human problems with solutions already present in the natural world. From this point of view, yoga is also a form of biomimicry where in typical asanas or poses we emulate mountains, trees, fish, cats and so many more animals! This helps solve our problems brought on by day to day living - such as stiffness and back pain - and allows us to feel physically vibrant and mentally sharp.

B2. i) Write any two benefits of yoga.
ii) Give another word for bio.

B3. I) Give synonyms of - a) imitate - b) old -
ii) Give opposites of $-a$ ) less $x \quad$ b) front $x$

B4. i) Experts today are doing a wonderful job..(Underline the Verb)
ii) Yoga is a form of biomimicry. (Separate subject and predicate)

B5. You practice yoga in school. Write a few lines on how does it benefits you. (2)
Q3 A. Read the extract and do the following activities: (5)
A1. Fill in the blank:

1. Painted stations $\qquad$ by.
2. Here is the tramp who stand and $\qquad$ .

All of the sights
of the hill and the plain
Fly as thick
as driving rain;
And ever again,
in the wink of an eye,
Painted stations
whistle by.
Here is a child
who clambers and scrambles,
All by himself and gathering brambles;
Here is a tramp
who stands and gazes;
And there is the green
for stringing the daisies!

A2.i) Mention any two sights from the given first stanza.
ii) What is the child doing all by himself?

A3.Fly as thick as driving rain; (Identify the figures of speech)
Q3. B Write the appreciation of the following poem with the help of the guidelines given below: (10)

* Title * Poet * Rhyme Scheme * Favourite line * Theme * Figures of Speech* Type of the poem ( at least 5-6 lines) * Why you like/don't like the poem.

> Tell me, tell me, smiling child,
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## SECTION : V ( Writing Skills)

## Q5. A. Letter writing:

A1. Write a letter to the municipal commissioner complaining about noise pollution during festive season.

## Q5. B. Dialogue writing:

Write a dialogue between mother and son/daughter on keeping his/her room clean.

## Q6. Information transfer

## A. From the given paragraph write the Do's and Don'ts:

Here are a few simple tips for you to keep yourself healthy. You must include vegetables and fruits in your diet and drink lots of water. You should avoid junk food completely and even aerated drinks. You should not sit for long period of time. Rather, you should exercise regularly. You should not ignore the importance of good breathing habits. Try breathing deeply, whenever you think of it. See to it that you sleep atleast 7 hours a day. In fact, you should avoid irregular timings.

## B. From the given tabular /table write a paragraph:

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## Q7B. Report writing:

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