



BHARTIYAM VIDYA NIKETAN

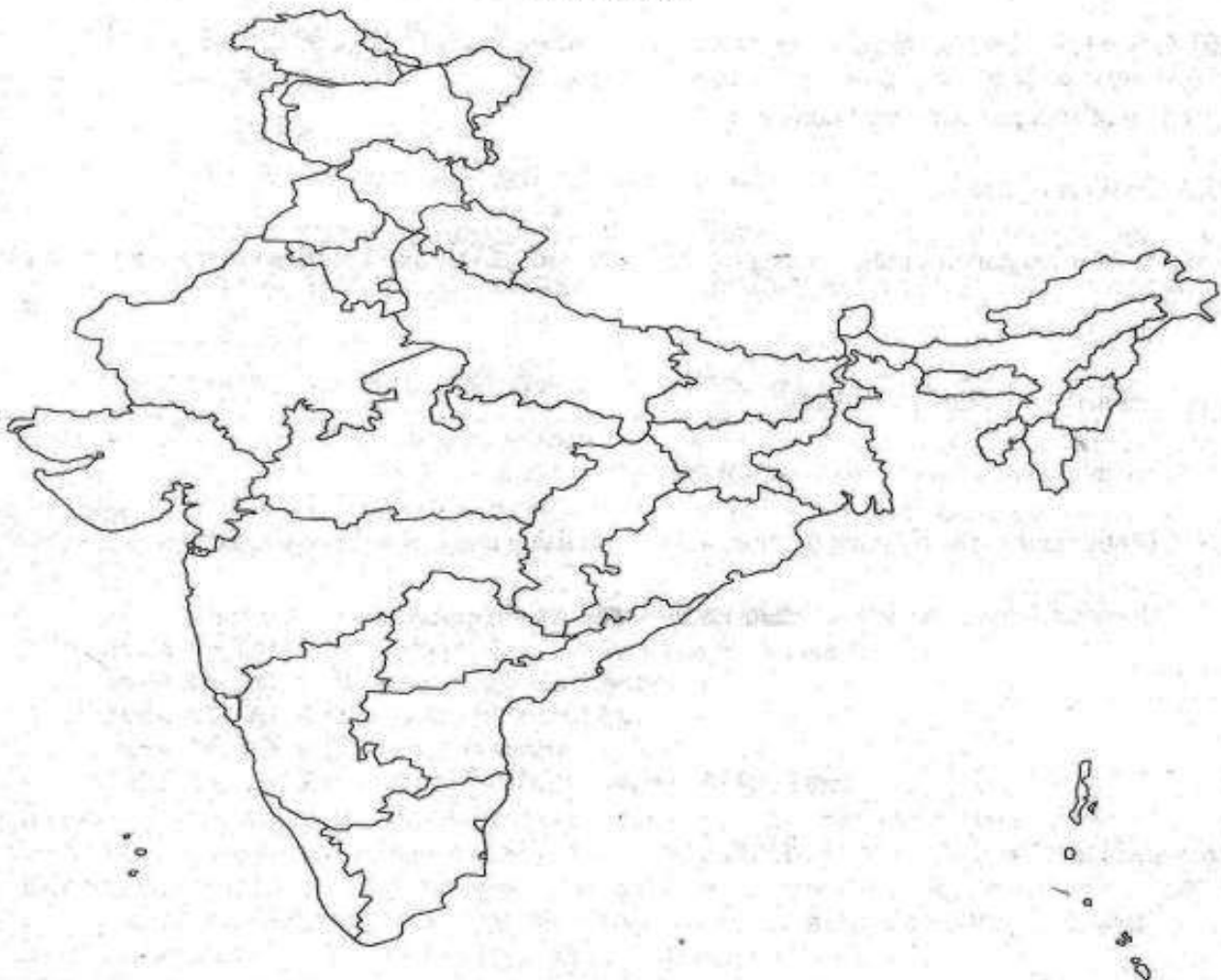
Vacation Homework
Assignment No.1
Subject -Social Science
Class -IX

Map Skill

Q.1 On an Outline Map of India, Show the following:

1. Mountain and Hill Ranges—The Karakoram, The Vindhya Range and the Aravalli.
2. Peaks—K2, Kanchenjunga.
3. Plateaus—Chhotanagpur and Malwa.
4. The Indian Deserts.
5. The smallest state of the west coast of India.
6. The state has the longest international boundary.
7. A state in the Eastern region of India bordering three countries but not bordering china.
8. The smallest state in area.
9. The Standard Meridian of India.
10. The East-West extent of India.

India



Q.2 Prepare a Project file with following details on any one topic.

- 1. UNISDR (The United Nations Officer for Disaster Risk Reduction)**
- 2. ICRC (The International Committee of the Red Cross)**
- 3. World Organization for Animal Health.**
- 4. MSF (Doctors without Borders)**
- 5. Mennonite Central Committee (MCC)**
- 6. Direct Relief International**
- 7. NDRF (National Disaster Response Force)**
- 8. NDNA (National Disaster Management Authority)**
- 9. NIDM (National Institute of Disaster Management)**
- 10. ISDR (International Strategy for Disaster Reduction)**

(a) The total length of the project report should not be more than 15 written pages.

(b) The Project report should be handwritten and credit will be awarded to original drawings, illustrations and creative use of eco-friendly material.

(c) The project report should be developed and presented in this order.

(i) Cover page showing project title, student information, school and year.

(ii) List of contents with page numbers.

(iii) Certificate page

(iv) Acknowledgements (acknowledging the institution, offices and libraries visited and persons who have helped).

(v) Chapters with relevant headings.

(vi) Summary and conclusions based on findings.

(vii) Bibliography: should have the title, author, publisher and if a website the name of the website with the specific website link which has been used.

Vacation Homework (2019-2020)

Class IX

Subject	Homework
English Language & Literature	Do Assignment No.1
Mathematics	Do Assignment No.1
Social Science	I. Do Assignment No. 1 II. To prepare a report on any one the following: 1. UNISDR (The United Nations Officer for Disaster Risk Reduction) 2. ICRC (The International Committee of the Red Cross) 3. World Organization for Animal Health. 4. MSF (Doctors without Borders) 5. Mennonite Central Committee (MCC) 6. Direct Relief International 7. NDRF (National Disaster Response Force) 8. NDMA (National Disaster Management Authority) 9. NIDM (National Institute of Disaster Management) 10. ISDR (International Strategy for Disaster Reduction)
Science	To prepare a Working model on any one topic. IX-A: Wooden generator or Potato Clock or a Balloon Hovercraft IX-B: Drip Irrigation System or Water Alarm or Escalator IX-C: Biogas plant or Gravity Game or Projectile Motion
हिन्दी व्याकरण व साहित्य	1. अपठित गद्यांश - (क्रम संख्या 17,18) 2. अपठित काव्यांश - (क्रम संख्या 08,09) 3. अनुच्छेद - (क्रम संख्या 12, 13) 4. विज्ञापन - हिन्दी की एक साप्ताहिक पत्रिका की लोकप्रियता बढ़ाने के लिए एक आकर्षक विज्ञापन तैयार कीजिए। नोट: समस्त कार्य कक्षा कार्य की कॉपी में करें।
संस्कृत	(अपठित गद्यांश व काव्यांश पेज न.12, चित्रवर्णन (चित्र नं8), अनौपचारिक पत्र (पत्र न.12) शब्दरूप- अकारान्तु (पु.) आकारान्त (स्त्री.) उकारान्त (पु.) इकारान्त (स्त्री.) ऋकारान्त (पु.) शब्दरूप धातुरूप- कृ, क्रीड (सभी लकारों में) परस्मैपद सेव, (सभी लकारों में) आत्मने पद
Value Education	1. Plant a sapling in a small pot. Water it every day. Take care of the plant. Bring it to school when asked. 2. Keep a bowl of water and grains outside your home every day for the birds and animals.

Periodic Assessments: PA-1 (Revised Dates)

June 25, 2019 (Tuesday): English Language & Literature

June 26, 2019 (Wednesday): Mathematics

June 27, 2019 (Thursday): Social Science

June 28, 2019 (Friday): Science

June 29, 2019 (Saturday): Hindi Course-B/Sanskrit

- Vacation Homework 5 marks are allotted for each subject. These marks will be added.
- Learn for the Periodic Assessments (remaining PA-1 and full PA-2) scheduled to be held in June & July
- Value Education: Students will be given grades on Regularity & Punctuality, Behaviour in Class/School, Uniform, Cleanliness & Hygiene, Good Manners, Mess Etiquettes & Sports.
- School re-opens on June 24, 2019 (Monday) Timing: Message will be sent.
- **All the H.W. Assignment Sheets can be downloaded from the school website May 8 onwards.**
- School re-opens on June 24, 2019 (Monday) Timing: Message will be sent.



BHARTIYAM VIDYA NIKETAN

Class IX (2019-20)
Subject :- English
Holiday Assignment

Section-A (Writing Skill)

Q.1 Complete the following story. Some lines are given to help you start. **(in about 150 words)**

Last week I went to market on bicycle to buy some books. I placed my bicycle outside the shop. _____

Q.2 Recent floods in many metropolitan cities of the country during the monsoon season laid bare the hollowness of the civic authorities of their preparedness. Write an article in 150-200 words on the common man's woes during the monsoon and need for accountability of the officials concerned. You are Sejal/Sajal Verma.

Section-B (Grammar)

Q.3 Fill in blanks with appropriate forms of the verb given in brackets.

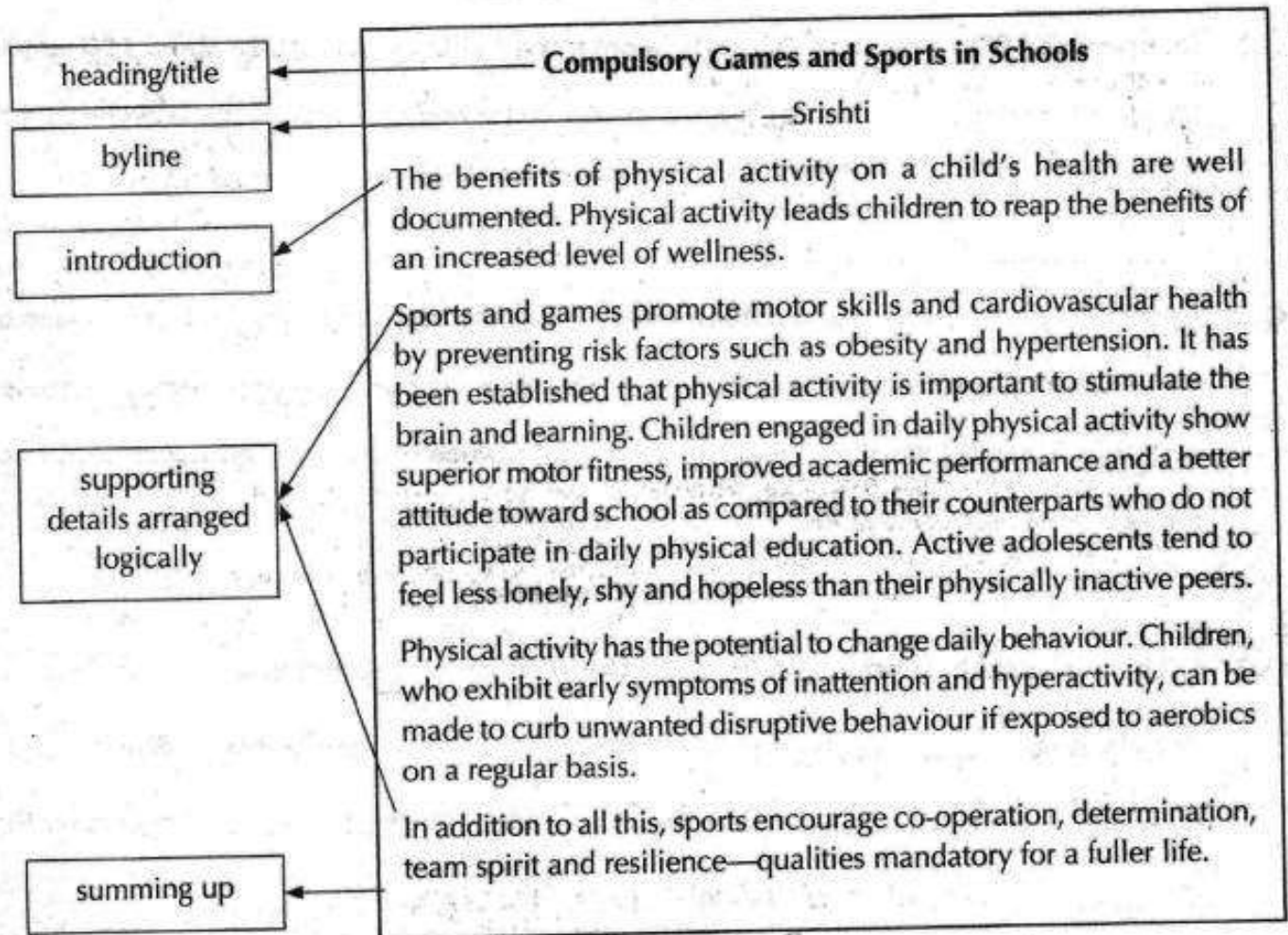
The clock (a) _____ (strike) five. Everybody (b) _____ (be) sleeping. Shiela _____ (c) wake up and (d) _____ (call) the watchman. There _____ (be) no reply. She (f) _____ (stay) in guest house.

Q.4 The following passage has not been edited. There is an error in each line. Write the incorrect word and correction against each line. Do not copy the whole passage.

	Incorrect	Correct
Spending time in your kids	(a) _____	_____
bring immediate as well as	(b) _____	_____
long term gain for the parents.	(c) _____	_____
According to a research, children of a	(d) _____	_____
involved parent were more efficient	(e) _____	_____
and get in better with their peers.	(f) _____	_____

SAMPLE ARTICLE

"Games and sports should be made compulsory in schools". Do you agree? Write an article in 150-200 words to be published in a local daily.



Q.5 One more passage has not been edited. There is an error in each line. Write the incorrect word and correction against each line. Do not copy the whole passage.

	Incorrect	correct
(a) The Chief Minister in Gujarat
(b) met the student of SRCC
(c) in 6 th February in Delhi.
(d) He deliver a lecture on
(e) the global roll of Gujarat economy
(f) His lecture is appreciated by all.



BHARTIYAM VIDYA NIKETAN

Vacation Homework Assignment-1

Subject :- Maths

Class :- IX

- Q1. Express the number 0.53 in the form of $\frac{p}{q}$.
- Q2. Simplify $(\sqrt{3}+2)(\sqrt{3}-2)$
- Q3. Simplify $(32)^{1/5} + (-7)^0 + (64)^{1/4}$
- Q4. If $x = 3 + 2\sqrt{2}$, check whether $x + \frac{1}{x}$ is rational or irrational.
- Q5. Simplify $\left(\frac{81}{16}\right)^{3/4} \times \left(\frac{25}{9}\right)^{-3/2}$
- Q6. Express $\frac{1}{(\sqrt{5}+\sqrt{2})}$ with rational denominator.
- Q7. Find the value of $\left(\frac{-8}{27}\right)^{-2/3}$
- Q8. Simplify $\sqrt[4]{81} - 8\sqrt[3]{216} + 15\sqrt[3]{32} + \sqrt{225}$
- Q9. Evaluate $\sqrt[3]{(343)^{-2}}$
- Q10. Simplify $\frac{(36)^{-7/2} - (36)^{-9/2}}{(36)^{-5/2}}$
- Q11. Find the value of x if $2^4 \times 2^5 = (2^3)^x$.
- Q12. If $(5)^{x-3} \times (3)^{2x-8} = 225$ find value of x .
- Q13. Show that $(x^{a-b})^{a+b} \cdot (x^{b-c})^{b+c} \times (x^{c-a})^{c+a} = 1$
- Q14. Rational number 0.7 can also be written as $\frac{p}{q}$ form.
- Q15. $\sqrt{18-6\sqrt{5}} = \sqrt{a} - \sqrt{b}$ then prove that $a+b=18$.
- Q16. Evaluate: $(999)^3$.
- Q17. Find the zeros of the polynomial $3x^2 + x - 2$.
- Q18. Factorize: $125x^3 + 27y^3$.
- Q19. If $2x+3y=8$ and $xy=4$ find the value of $4x^2+9y^2$.
- Q20. If $x^2 + \frac{1}{x^2} = 38$ then find the value of $x - \frac{1}{x}$.
- Q21. If $x = \frac{-1}{3}$ is zero of the polynomial $P(x) = 27x^3 - ax^2 - x + 3$, then find the value of a .
- Q22. Factorize: $(ax+3y)^2 + (ay-bx)^2$.