



# GREENWAYS SCHOOL

MORINDA-CHAMKAUR SAHIB ROAD

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## Holidays Home-Work

Session 2023-24



Class - IX



# English

1. Make a project report on chapter " Sound of Music".
2. Make a chart of Models on a A4 sheet.
3. Do page 105,109, and ex.10 and 11 on pg113 from Focus book in Module-B
- 4.Revise whole syllabus done in classroom.

# Math

Represent the following questions Graphically in a creative way (using colours, shading..) on assignment sheets.

1. The table below shows the favourite colour of 200 kids in a class.

Favourite colours	Red	Green	Blue	Yellow	Orange
Number of students	45	17	50	48	40

- (1) Using the information provided, create a bar graph.
- (2) Which colour is the most preferred and which colour is the least preferred?
- (3) How many kids chose red as their favourite colour?


- 2.Draw a histogram for the following data distribution.

Class Intervals	50-60	60-70	70-80	80-90	90-100	100-110
Frequencies	30	25	45	15	20	40

- 3.In a batch of 400 students, the height of students is given in the following table. Represent it through a frequency polygon.

Height (in cm)	Number of students (Frequency)
140-150	74
150-160	163
160-170	135
170-180	28





# Social Science

\* Learn all question answers of chapters those we have already done.

## History

### Multiple Choice Questions

*Tick the correct answer.*

1. When was the Bastille prison attacked?

- (a) 14 June, 1798 (b) 14 July, 1796  
(c) 14 July, 1789 (d) 24 July, 1786

2. Louis XVI belonged to:

- (a) Tudor dynasty (b) Bourbon dynasty  
(c) Bonbon dynasty (d) None of these

3. Nobles, clergy and rich members belonged to:

- (a) First Estate (b) Second Estate  
(c) Third Estate (d) Fourth Estate

4. 'Two Treatises of Government' was written by:

- (a) Rousseau (b) John Locke  
(c) Montesquieu (d) None of these

5. Passive Citizens of France were:

- (a) Only men above 25 years (b) Only propertied men  
(c) Men and women who didn't vote. (d) Only propertied women

6. 'Marseilles' was a:

- (a) Representative of Third Estate (b) National anthem of France  
(c) Political club (d) Militia

7. Leader of the Jacobin Club was:

- (a) Maximilian Robespierre (b) Robert D' Souza  
(c) Louis XVI (d) Marie Antoinette

8. Wearing the red cap symbolises:

- (a) Symbol of royal power (b) Symbol of liberty  
(c) Symbol of power (d) All of the above

9. Louis XVI was executed publicly on:

- (a) 1 January, 1793 (b) 21 January, 1793  
(c) 8 July, 1789 (d) 12 June, 1783

10. Dr. Guillotine invented:

- (a) Medicine for headache (b) An instrument to behead a person  
(c) Was a personal doctor of Louis XVI (d) A new Constitution

11. 'Directory' means:

- (a) Addresses of the Legislative Council (b) Formed by the military dictator  
(c) An executive made up of five members (d) List of names

12. Triangular slave trade was held between:

- (a) Europe, Africa and America (b) Spain, Portugal and France  
(c) Egypt, India and England (d) India, England and Europe

13. Napoleon Bonaparte was defeated in:

- (a) Battle of Paris (b) Battle of Ecuador  
(c) Battle of Waterloo (d) Battle of Plassey



# Geography

Tick the correct answer:

- The Tropic of Cancer does not pass through:**  
(a) Rajasthan (b) Orissa  
(c) Chhattisgarh (d) None of these
- The easternmost longitude of India is:**  
(a)  $97^{\circ} 25' E$  (b)  $68^{\circ} 7' E$   
(c)  $82^{\circ} 32' E$  (d)  $85^{\circ} 5' E$
- Uttaranchal, UP, Bihar, West Bengal and Sikkim have common frontiers with:**  
(a) China (b) Bhutan  
(c) Nepal (d) Sri Lanka
- If you intend to visit Kavaratti during your summer vacations, which one of the following union territories of India will you be going to:**  
(a) Andaman and Nicobar Islands (b) Daman and Diu  
(c) Lakshadweep Islands (d) Puducherry
- My friend hails from a country which does not share land boundary with India. Identify the country.**  
(a) Bhutan (b) Tajikistan  
(c) Bangladesh (d) Nepal
- The following latitudinal line divides India into almost two equal parts:**  
(a) Equator (b) Tropic of Capricorn  
(c) Tropic of Cancer (d) None of these
- India is the seventh largest country and the largest country of the world is:**  
(a) Brazil (b) Russia  
(c) Canada (d) America
- From Gujarat to Arunachal Pradesh there is a time lag of:**  
(a) Five hours (b) Three hours  
(c) Two hours (d) Four hours
- The Standard Meridian of India passes through which state?**  
(a) Rajasthan (b) Himachal Pradesh  
(c) Uttar Pradesh (d) Maharashtra
- Since the opening of the Suez Canal, India's distance from Europe had been reduced to:**  
(a) 7,000 km (b) 5,000 km  
(c) 7,500 km (d) 1,000 km
- The state sharing borders with China is:**  
(a) Assam (b) Sikkim  
(c) Nagaland (d) Mizoram
- Sri Lanka is separated from India by a narrow channel of sea called:**  
(a) Gulf of Kachchh (b) Palk Strait  
(c) Colombo Gulf (d) Gulf of Khambhat
- India's total length is:**  
(a) 3,214 km (b) 2,933 km  
(c) 3,241 km (d) 3,222 km
- India's total width is:**  
(a) 3,214 km (b) 2,933 km  
(c) 2,956 km (d) 2,525 km



## Political Science

*Tick the correct answer:*

- 1. Which Pakistan General led a military coup in October 1999?**  
(a) Nawaz Sharif  
(b) Parvez Musharraf  
(c) Ayub Khan  
(d) None of these
- 2. The famous political party of Mexico was:**  
(a) People's party  
(b) Institutional Revolutionary party  
(c) Revolutionary party  
(d) Chinese Communist party
- 3. Who did not have the right to vote in Saudi Arabia?**  
(a) Non-propertied men  
(b) Non-residents  
(c) Women  
(d) Propertied men
- 4. Which party of Zimbabwe helped its country to gain independence?**  
(a) ZANU-PF  
(b) Popular party  
(c) Zimbabwe party  
(d) None of these

## Economics

*Tick the correct answer:*

- 1. The main activity of the village of Palampur is:**  
(a) Manufacturing  
(b) Dairy farming  
(c) Farming  
(d) Cattle rearing
- 2. Which one of the following forms of transport is not available in Palampur?**  
(a) Tongas  
(b) Buses  
(c) Trucks  
(d) Carts
- 3. Which one of the following is not a factor of production?**  
(a) Capital  
(b) Labour  
(c) Ships  
(d) All of the above
- 4. What percentage of people are dependent on the farming activity in Palampur?**  
(a) 60 per cent  
(b) 75 per cent  
(c) 80 per cent  
(d) 90 per cent





5. Which Kharif crop is grown during the rainy season?  
(a) Jowar (b) Rice  
(c) Millets (d) Sugar
6. Which is the third crop in multiple cropping besides the two main crops?  
(a) Onions (b) Cucumber  
(c) Potato (d) Brinjal
7. HYV seeds means:  
(a) High Yoghurt Variety (b) High Yielding Variety  
(c) Highly Yellow Variety (d) Highly Young Variety
8. Modern farming methods require a great deal of:  
(a) Concentration (b) Hard work  
(c) Capital (d) Technology
9. Two major factors of production are:  
(a) Land and capital (b) Labour and land  
(c) Capital and labour (d) Land and technology
10. In which village was milk collection cum chilling centres set up?  
(a) Shahpur (b) Palampur  
(c) Raiganj (d) None of these
11. What capital is needed to set up a Jaggery manufacturing unit?  
(a) Fixed capital (b) Physical capital  
(c) Working capital (d) Recurring capital
12. If yarn is used by a weaver and clay is used by a potter, what capital is it?  
(a) Fixed capital (b) Working capital  
(c) Physical capital (d) None of these
13. If more than two crops are grown on the same piece of land during a year, it is called:  
(a) Green Revolution (b) Multiple Cropping  
(c) Modern Farming (d) Subsistence Farming

## Physics

- Do chapter reading from Reference and NCERT books and learn all NCERT questions.

Do the following assignment in notebook:

1. A particle is moving in a circle of diameter 5m. Calculate the distance covered and the displacement. When it completes 3 revolutions.
2. A body thrown vertically upwards reaches a maximum height 'h'. It then returns to ground. Calculate The distance travelled and the displacement.
3. A body travels a distance of 15m from A to B and then moves a distance of 20m at right angles to AB. Calculate the total distance travelled and the displacement.
4. An object is moving in a circle of radius 'r'. Calculate the distance and displacement





(i) when it completes half the circle

(ii) when it completes one full circle.

5. An object travels 16m in 4s and then another 16m in 2s. What is the average speed of the object?

6. Vishnu swims in a 90m long pool. He covers 180m in one minute by swimming from one end to the other and back along the same straight path. Find the average speed and average velocity of Vishnu.

7. In a long distance race, the athletics were expected to take four rounds of the track such that the line of finish was same as the line of start. Suppose the length of the track was 200m.

(a) What is the total distance to be covered by the athletics?

(b) What is the displacement of the athletics when they touch the finish line?

(c) Is the motion of the athletics uniform or non-uniform?

(d) Is the displacement of an athletic and the distance covered by him at the end of the race equal?

8. Starting from a stationary position, Bhuvan paddles his bicycle to attain a velocity of 6m/s in 30s. Then he applies brakes such that the velocity of bicycle comes down to 4m/s in the next 5s. Calculate the acceleration of the bicycle in both the cases.

9. Amit is moving in his car with a velocity of 45km/hr. How much distance will he cover

(a) in one minute and

(b) in one second.

10. The odometer of a car reads 2000 km at the start of a trip and 2400km at the end of the trip. If the trip took 8 hr, calculate the average speed of the car in km/hr and m/s.

11. An electric train is moving with a velocity of 120km/hr. How much distance will it move in 30s?

12. A body is moving with a velocity of 15m/s. If the motion is uniform, what will be the velocity after 10s?





13. A train travels some distance with a speed of 30km/hr and returns with a speed of 45km/hr. Calculate the average speed of the train.
14. A train 100m long moving on a straight level track passes a pole in 5s. Find (a) the speed of the train  
(b) the time it will take to cross a bridge 500m long.
15. A car travels along a straight line for first half time with speed 40km/hr and the second half time with
- Maintain note books and learn all NCERT Questions.
  - Graphically represents the following:
    1. Uniform motion.
    2. Stationary motion.
    3. Non uniform motion.
  - Make a project to show the type of motion.

## Chemistry

- 1) Do chapter reading from reference and NCERT books and learn all NCERT questions.
- 2) Do the following assignment in notebook.
  - 1) Liquid generally have lower density as compared to solids. But you must have observed that ice floats on water. find out why.
  - 2) We can easily move our hand in air but to do the same through a solid block of wood we need a Karate expert. give reason.
  - 3) What is the physical state of water at
    - A) 250°C
    - B) 100°C
  - 4) Define:
    - 1) Latent heat of fusion
    - 2) Latent heat of vaporisation
  - 5) What happens when you open a bottle of perfume?
  - 6) What produces more severe severe burns ,boiling water or steam?







- 7) Define evaporation. Out of nylon and cotton clothes, which will be more comfortable during summer and why?
- 8) When common salt is added to water, will there be any change in volume? Give reason.
- 9) How does surface area and wind speed affect the rate of evaporation? Explain.
- 10) List any two properties of liquids that are common to gases.
- 11) What are the characteristics of the particles of matter?
- 12) Osmosis is a special kind of diffusion. Comment.
- 3) Maintain notebooks and learn all NCERT questions
- 4) Make Chart

Interconversion of three States of matter.

- 5) Make a particle model of three States of matter.

## Biology.

- 1) Do chapter reading from reference and NCERT books and learn all NCERT questions.
- 2) Do the following assignment in notebook.
  - 1) Why are cells called the structural and functional unit of life.
  - 2) What are genes? What is their function?
  - 3) Why does the skin of your fingers shrink when you wash clothes for a long time?
  - 4) Differentiate between osmosis and diffusion.
  - 5) Why is the plasma membrane called a selectively permeable membrane?
  - 6) What are plastids? Give the various types of plastids present in plants along with their function.
  - 7) Differentiate between plant cell and animal cell.
  - 8) How does an amoeba obtain its food?
  - 9) What would happen to the life of a cell if there was no Golgi apparatus?





- 10) Where are protein synthesized inside the cell?
- 11) Which organelle is known as the powerhouse of the cell? Why?
- 12) differentiate between rough endoplasmic reticulum and smooth endoplasmic reticulum.
- 3) Maintain notebook and learn all NCERT questions
- 4) Make a Chart of Mitochondria .
- 5) Make a model on animal cell.

## Punjabi

Note down in Grammar Note Book

ਲੇਖ:- ਡਾ: ਬੀ.ਆਰ.ਅੰਬੇਡਕਰ, ਭਾਈ ਵੀਰ ਸਿੰਘ, ਕਿਸੇ ਇਤਿਹਾਸਕ ਸਥਾਨ ਦੀ ਯਾਤਰਾ, ਕਰੋਨਾ ਦਾ ਸਿੱਖਿਆ ਪ੍ਰਣਾਲੀ 'ਤੇ ਪ੍ਰਭਾਵ ਅਤੇ ਵੱਧਦੀ ਹੋਈ ਮਹਿੰਗਾਈ ਦੀ ਸਮੱਸਿਆ।

ਰਚਨਾਤਮਕ ਕਿਰਿਆ:- ਜੂਨ ਮਹੀਨੇ ਦੌਰਾਨ ਅਖਬਾਰਾਂ ਵਿੱਚੋਂ ਖੇਡਾਂ ਨਾਲ ਸੰਬੰਧਿਤ ਖਬਰਾਂ ਕੱਟ ਕੇ ਚਾਰਟ ਤਿਆਰ ਕਰੋ।

## Hindi

1. अनुच्छेद लिखिए : ग्रामीण युवा (सजावट के साथ अपनी हिन्दी की कॉपी में ही)
2. स्कूटर चोरी हो जाने पर पुलिस अधिकारी को रिपोर्ट दर्ज कराने हेतु पत्र लिखिए। (सजावट के साथ अपनी हिन्दी की कॉपी में ही)
3. “मेरे बचपन के दिन” इस पाठ के आधारित पर आप अपने बचपन में बिताए पलों के बारे में लिखें और अपने बचपन की 4-5 फोटो भी चिपकाए (असाइनमेंट शीट्स पर सजावट के साथ)
4. भारतवर्ष में बाढ़ संबंधित जानकारी प्राप्त कर उसकी एक असाइनमेंट बनाए (चित्रों के साथ)
5. करवाए गए पाठ को याद करें।

