

डीएवी पब्लिक स्कूल ,बिष्टुपुर, जमशेदपुर  
ग्रीष्मावकाश गृहकार्य (२०२३-२४)

कक्षा - नवीं

विषय - हिंदी

१. आप रमेश/राधा, पीपीएस, करनाल के छात्र हैं। प्रधानाचार्य को सूचित करें कि आप COVID पॉजिटिव हैं और दो सप्ताह के लिए चिकित्सा के आधार पर अवकाश प्राप्त करना चाहते हैं, इस हेतु आवेदन पत्र लिखिए।

२. आप वार्षिक परीक्षा में प्रथम आए हैं। इसके लिए आपके पिताजी ने आपको पुरस्कार के रूप में एक लैपटॉप भेजा है। उसी का धन्यवाद प्रकट करते हुए उन्हें पत्र लिखिए।

३. 'ऊर्जा संकट' विषय पर १००-१२० शब्दों में एक अनुच्छेद लिखें।

४. उपसर्ग - हिंदी (१०उपसर्ग), संस्कृत (२२उपसर्ग) तथा आगत (१० उपसर्ग) से बने शब्द लिखें।

५. शर्मा सोसाइटी के मुख्य सीवर की मरम्मत हेतु लगभग १०० शब्दों में ई-मेल लिखिए।

६. आपके विद्यालय के वार्षिक उत्सव में नाटक मंचन हेतु इच्छुक छात्रों को जानकारी देने हेतु एक सूचना तैयार कीजिए।

७. 'मेहनत की कमाई' शीर्षक के आधार पर अपनी कल्पना से एक सुंदर लघुकथा की रचना करें।

नोट - A4 साइज पेपर एवं धागे से बंधे हुए फाइल में जमा किए गए कार्य ही स्वीकार्य होंगे।

कक्षा - नवमी संस्कृतम् २०२३-२४(ग्रीष्मावकाश गृहकार्यम्)

(१) सन्धिकार्यम् -

दीर्घ ,गुण , वृद्धि: ,यण् अयादि । सोदाहरणेन सह परिभाषां लिखत ।

(२) शब्दरूपाणि -

कवि, पितृ,मातृ ,राजन् (शब्दरूपाणि लिखत)

(३) सर्वनाम शब्दाः - युष्मद् ,अस्मद् ,किम् (त्रिषु लिंगेषु ) शब्दरूपाणि लिखत ।

(४) धातुरूपाणि -श्रु, कृ,ज्ञा, सेव्( पञ्चलकारेषु )धातुरूपाणि लिखत ।

(५) संख्या-१-१०० संस्कृत भाषायाम् लिखत ।

(६) कालिदसस्य जीवनवृत्तांतम् लिखत ।

### PHYSICS HOLIDAY HOME WORK -IX(2023-24)

1. The displacement time graph for two particles A and B are straight lines inclined at 30 degree with time axis and at 30 degree to displacement Axis respectively .Calculate ratio of velocities of the two particles.

2. A person goes to market, makes purchases and comes back at a constant slower speed .Draw displacement time and velocity time graphs of the person.

3. A ball thrown vertically upwards returns to the thrower in 20 second. Calculate the velocity with

which it was thrown and the maximum height attained by the ball.

4. Draw a velocity versus time graph of a stone thrown vertically upwards and then coming downwards after attaining the maximum height.

5. An object starting from rest travels 20 m in first 2 second and 160 m in next 4 second. What will be the velocity after 7 second from the start.

### **CHEMISTRY HOLIDAY HOME WORK**

1. Temperature in Northern India during April is around 42 degree and during July August it is around 40 degree centigrade.

But still we feel more uncomfortable during July August why?

2. When we keep water in an earthen pot it cools down but only up to a certain limit . After that temperature becomes constant why is it so?

3. With the help of a syringe show that while solids and liquids cannot be compressed, gases can be. Take suitable pictures of the activity and prepare a PPT.

### **BIOLOGY HOLIDAY HOME WORK**

Prepare a Scientific Calendar of the Year 2023. The calendar has to be designed as per the following key points\guidelines. Besides, calendar Include the facts related to the scientist who either took birth in the same month or the invention done by him in that particular month. you can include rules, laws and some scientific facts which are presented in an interesting and creative way. try to include more of biologists, botanists, zoologists and their works , achievements, use of biotechnology in various fields , inventions and discoveries , advancement in health industry etc.

Use 1/4 th of the chart to make it , preferably white color. You have to make for 1 month only as per your Roll number

Roll no's 1-5- January month

Roll no's 31-35- July

Roll no's 6-10- February

Roll no's 36-40- August

Roll no's 11- 15- March

Roll no's- 41-45- September

Roll no's 16-20- April

Roll nos 46-48- October

Roll no's 21-25-May

Roll nos49-54- November

Roll no's 26-30- June

Roll no's 55-59- Decembe

## MATHS HOLIDAY HOME WORK -IX(2023-24)

- Construct a square root spiral.
- Represent the following irrational numbers on the number line –
  - $\sqrt{2} + 3$
  - $1 + \sqrt{3}$
  - $\sqrt{2} - 1$
- Verify the following using paper cutting.
  - $(a + b)^2 = a^2 + 2ab + b^2$ .
  - $(a - b)^2 = a^2 - 2ab + b^2$ .
- Solve the following questions :
  - Find the value of  $\sqrt{32}/\sqrt{8} + \sqrt{48}/\sqrt{12}$ .
  - If  $\sqrt{2} = 1.414$ , then find the value of  $\sqrt{2+1}/\sqrt{2-1}$ .
  - Find the value if  $1/1+\sqrt{2} + 1/\sqrt{2}+\sqrt{3} + 1/\sqrt{3}+\sqrt{4} + \dots\dots\dots 1/\sqrt{8}+\sqrt{9}$
  - If  $x = 2 - \sqrt{3}$ , then what is the value of  $x^4 + 1/x^4$ .
  - Give an example of a number  $x$  such that  $x^2$  is an irrational number and  $x^3$  is a rational number.
  - If  $a, b$  and  $c$  are all non – zero and  $a+b+c = 0$ , prove that  $a^2/bc + b^2/ca + c^2/ab = 3$ .
  - Without actually calculating, find the value of  $(25)^3 - (75)^3 + (50)^3$ .
  - If  $a+b+c = 9$  and  $ab+bc+ca = 26$ , find  $a^2+b^2+c^2$ .
  - Expand the following.
    - $(3a-2b)^3$
    - $(1/x + y/3)^3$
    - $(4 - 1/3x)^3$
  - Without actually calculating the cubes, factorise  $(2x-5y)^3 + (5y-3z)^3 + (3z-2x)^3$

### Note –

- The holiday homework is to be done in the Lab Manual (Q.no 1,2 and 3).
- Q.no 4 is to be done in Maths Notebook.
- <https://youtu.be/A4zDec4KnIQ> (project to complete) .

## Artificial intelligence -IX(2023-24)

- Identify application of AI in different fields and write few lines about it and paste related pictures in half chart paper.

Or

- Prepare chart on Sustainable development goals related to AI (ch 3).

Note: chart should be presentable.

## Geography holiday homework -IX(2023-24)

1. Prepare a handwritten project on DISASTER MANAGEMENT. You can choose any one Disaster of your choice and complete it under the following heads. A. Definition of 'Disaster'. B. What is a disaster management cycle? C. What are the types of Disasters? D. What is vulnerability and risk? E What is a Hazard? How is it classified? F. Differentiate between hazard and disaster. 2. Based on your selection enumerate the following in your project. A . Meaning B. Causes -C.Do's and don'ts D.Prevention and mitigation measures E.Latest means of forecasting Disasters F.Prepare a case study on any one of the Disasters that you have chosen to research. General Instructions: 1. The project should be hand written. 2. It should be well presented, researched, and pictorial. 3. Cover page, table of contents, acknowledgement.

## **History/Civics holiday homework -IX(2023-24)**

I. Most newspapers have an editorial page. On that page the newspaper publishes its own opinions about current affairs. The papers also publish review of other writers and intellectuals and letters written by the readers. Follow anyone newspaper for 1 month and collect editorials, articles and letters on the page that have anything to do with democracy. Classify these into the following categories

1. Constitutional and legal aspects of democracy
2. Citizens right
3. Electoral and party politics
4. Criticism of democracy

II. Take print out of MCQs and paste in your note book.

### **THE FRENCH REVOLUTION MCQS**

**Q1. On ..... the city of Paris was in a state of alarm. The king had commanded troops to move into the city.**

- A. 15 July 1779 B. 14 July 1779 C. 15 July 1789 D. 14 July 1789

**Q2. Some 7,000 men and women gathered in front of the town hall and decided to form a .....?**

- A. Peoples party B. Peoples' militia C. Peoples democracy D. Peoples presence

**Q3. Finally, a group of several hundred people marched towards the ..... part of the city and stormed the fortress-prison, the Bastille, where they hoped to find hoarded ammunition?**

- A. Eastern B. Northern C. Western D. Southern

**Q4. Why was the fortress-prison, the Bastille, hated by all?**

- A. It stood for the despotic power of the king. B. Because of dictatorship  
C. Aristocracy D. None of these

**Q5. What was the main protest by the people?**

- A. Price of bread B. Behavior of the king  
C. Poverty of the people D. High taxes

**Q6. Who said " the task of representing the people has to be given to the rich"?**

- A. Mirabeau                      B. Jean Paul Marat      C. Rousseau      D. Georges Denton
- Q7. The National Assembly formed a constitution in 1791, to limit the power of the .....?**  
 A. Wealthy men              B. Businessmen              C. Monarch      D. Press
- Q8. Who wrote the influential pamphlet- 'What is the Third Estate'?**  
 A. Mirabeau      B. Jean Paul Marat      C. Abbe Sieyes              D. Georges Denton
- Q9. Which group of people did not join the Jacobin Club?**  
 A. Artisans      B. Shopkeepers              C. Daily wage workers      D. Men with property
- Q10. French women demanded the right to.....?**  
 A. Vote                              B. To be elected in the assembly  
 C. To hold political office      D. All
- Q11. A triangular slave trade took place between Europe, the Americas and.....?**  
 A. Asia              B. Australia      C. Africa              D. None
- Q12. What did the slaves wear after becoming free?**  
 A. Blue cap      B. Red cap      C. White cap                      D. Green cap
- Q13. Who were not considered passive citizens?**  
 A. Women      B. Children      C. Non property men              D. Wealthy people

### **THE FRENCH REVOLUTION MCQS**

- Q14. The third estate comprised.....?**  
 A. Poor and small peasants      B. Land less labour  
 C. Peasants and artisans      D. All
- Q15. Which of the following decisions was taken by the convention?**  
 A. It declared France a constitutional Monarchy                      B. Abolished the Monarchy  
 C. All men and women above 21 got the right to vote              D. Declared France a Republic
- Q16. How does a subsistence crisis happen?**  
 A. Bad harvest leads of scarcity of grains      B. Food prices rise and the poor cannot buy bread  
 C. Leads to disease and death                      D. All
- Q17. Which of the following statements is false about the Third Estate?**  
 A. It comprised of poor only      B. Some were rich some were poor  
 C. Rich members owned land      D. Peasant were obliged to serve in the army
- Q18. What was a guillotine?**  
 A. A device consisted of two poles and a blade to behead people  
 B. A fine sword to behead people  
 C. A special noose to hang people  
 D. None Of these
- Q19. What does the word livres stand for?**  
 A. Unit of currency in France                      B. Tax levied by the state  
 C. Tax levied by the Church                      D. Tax to the Landlord
- Q20. What was Estates General?**  
 A. Post of army general                      B. A political body  
 C. Head of all landed property                      D. Advisor of the king
- Q21. The term old regime is used to describe.....?**  
 A. France before 1000 BC                      B. Society of France after 1789  
 C. Society of France before 1789                      D. None
- Q22. Which of these books was written by John Locke?**  
 A. The spirit of the laws                      B. Two treatises on Government  
 C. The social contract                      D. All
- Q23. In the meeting of the Estates General, the members of the Third Estate demanded that.....**



**Q.40. The National Anthem of France which was sung for the first time by volunteers as they marched into Paris was \_\_\_\_\_.**

- (a) Marseillaise (b) Versailles (c) Bastille (d) Chateaux

**Q.41. On 21st September 1792, the monarchy was abolished and France was declared a \_\_\_\_\_.**

- (a) autocratic (b) democratic (c) communist (d) republic

**Q.42. The period from \_\_\_\_\_ was referred to as the 'Reign of Terror'.**

- (a) 1793-1794 (b) 1794-1795 (c) 1795-1796 (d) 1792-1793

**Q.43. Women of France were disappointed that the Constitution of 1791 reduced them to \_\_\_\_\_.**

- (a) active citizens (b) passive citizens (c) executive (d) electors

**Q.44. The women in France win the right to vote in \_\_\_\_\_.**

- (a) 1946 (b) 1942 (c) 1945 (d) 1947

**Q.45. In which century the slave trade began?**

- (a) sixteenth-century (b) fifteenth century  
(c) seventeenth century (d) eighteenth century

**Q.46. When was Napoleon Bonaparte crowned as the Emperor of France?**

- (a) 1801 (b) 1802 (c) 1803 (d) 1804

**Q.47. \_\_\_\_\_ was regarded as the moderniser of Europe in 1804.**

- (a) Napoleon (b) Olympe de Gouges (c) Robespierre (d) Robespierre

**Q.48. In the year \_\_\_\_\_ Napoleon Bonaparte was defeated at the Battle of Waterloo.**

- (a) 1814 (b) 1813 (c) 1815 (d) 1816

**Q.49. One important law that came into effect soon after the storming of the Bastille in the summer of 1789 was the abolition of \_\_\_\_\_.**

- (a) leadership (b) censorship (c) invading force (d) slavery

**Q.50. Name the two individuals from India who responded to the ideas coming from revolutionary France**

- (a) Tania Tope and Raja Rammohun Roy (b) Tipu Sultan and Laxmi Bai  
(c) Tipu Sultan and Rammohun Roy (d) Chandrasekhar Azad and Raja Rammohun Roy

## **SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION MCQS**

**1. Who was the leader of the Bolshevik Party?**

- A. Karl Marx B. Stalin C. Lenin D. Louis Blanc

**Q2. Tsarist power collapsed in Russian in the year.....?**

- A. 1905 B. 1916 C. 1917 D. 1920

**Q3. Tsarina Alexandra was of .....?**

- A. German Origin B. French Origin C. Dutch Origin D. Russian Origin

**Q4. Jaddists were .....within the Russian Empire?**

- A. Muslim Reformers B. Muslim educationists C. Parsi Reformers D. German refugees

**Q5. What was the main occupation of the people of Russia in the beginning of the 20th century?**

- A. Manufacturing B. Fishing C. Poultry D. Agriculture

**Q6. The labour party in Britain was formed by socialist and .....?**

- A. Trade unionists B. Peasants C. Industrialists D. Young students

**Q7. Central powers during the World War I included countries like Germany, Turkey and ....?**

- A. France B. Austria C. Britain D. Russia

**Q8. What is the name April Theses associated with?**

- A. Karl Marx B. Robert Owen C. Lenin D. Stalin
- Q9. Who was the successor of Lenin?**  
A. Stalin B. Kerensky C. Trotsky D. Robert Owen
- Q10. Buduonovka was the name given to .....?**  
A. Boots B. Coat C. Scarf D. Hat
- Q11. Which group was against any political or social change?**  
A. Nationalists B. Conservatives C. Liberals D. Radicals
- Q12. Which of these statements is correct about Europe after the French Revolution?**  
A. Suddenly it seemed possible to change the aristocracy  
B. Not everyone wanted a complete change of society  
C. Some wanted gradual change, other wanted a complete change  
D. All
- Q13. What made aristocracy unpopular in Russia?**  
A. The German origin of Tsarina B. Poor advisors like Monk Rasputin  
C. The huge cost of fighting world war 1 D. A & B
- Q14. Why were the liberals not considered democrats?**  
A. They did not believe in universal adult franchise  
B. They felt that only men of property should have a right o vote  
C. Women should not have a right to vote D. All
- Q15. What kind of results took place as a result of new political trends in Europe?**  
A. Industrial Revolution B. New cities came up  
C. Railways expanded D. All
- Q16. Who conspired in Italy to bring about a revolution?**  
A. Bismarck B. Karl Marx C. Giuseppe Mazzini D. None
- Q17. What were the demands made by the workers at St. Pertsbug who went on strike?**  
A. Reduction in working hours B. Increase in wages  
C. Improvement in working conditions D. All
- Q18. Whom did Russia fight against in World War 1?**  
A. Britain and France B. Germany and Austria  
C. America D. Britain
- Q19. Which of the following statements is correct?**  
A. By 1916 railway lines in Russia began to breakdown B. There was labour shortage  
C. Large supply of grain was sent to feed the army D. All
- Q20. On 27th February, soldiers and striking workers gathered to form.....?**  
A. Soviet Council B. Petrograd soviet C. Moscow union D. Russian council

## **SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION MCQS**

- Q21. Which of these are related to Lenin's April Theses?**  
A. World War 1 should be brought to an end B. Land should be transferred to the peasants  
C. Banks should be nationalised D. All
- Q22. Who led the Bolshevik group during the Russian Revolution?**  
A. Lenin B. Karl Marx C. Fredrich Angels D. Trotsky
- Q23. When did the socialists take over the government in Russia?**  
A. October Revolution in 1917 B. November revolution in 1917  
C. December revolution in 1919 D. February revolution in 1920
- Q24. In the beginning of the 20th century, the majority of the Russian people worked in ....?**  
A. Industrial sector B. Agriculture sector



C. Mining sector      D. Transport sector

**Q25. The Commune of farmers was known as.....?**

A. Duma      B. Mir      C. Tsar      D. Cossacks

**Q26. Who were the people who wanted to put an end to the existing government in Europe in 1815?**

A. Nationalists      B. Conservatives      C. Radicals      D. Liberals

**Q27. Industrialization did not lead to which of the following problems?**

A. Poor wages      B. Long hours of work  
C. Liberalism      D. Development of new industrialised regions

**Q28. The majority reign in Russia was .....**

A. Russian orthodox church grown out of Greek church      B. Russian orthodox church  
C. Catholics Protestants, Muslims and Buddhists      D. B & C

**Q29. In order to develop societies liberals and radicals believed .....**

A. In the value of individual effort      B. In the privileges of old aristocracy  
C. That those who have capital should work in restraint      D. All

**Q30. When was the socialist revolutionary party formed in Russia?**

A. 1898      B. 1900      C. 1905      D. 1910

**Q.33. Who wants to safeguard the rights of individuals against the governments?**

(a) Liberals      (b) Radicals      (c) Nationalists      (d) None of the above

**Q.34. What was the movement demanding the rights to vote for women called?**

(a) Russian orthodox' Christianity Movement      (b) Suffragette Movement  
(c) Social Democratic Party Movement      (d) Revolutionary Movement

**Q.35. During the late nineteenth century, \_\_\_\_\_ wanted the government to encourage cooperatives and replace the capitalist enterprise.**

(a) Robert Owen      (b) Friedrich Engels      (c) Louis Blanc      (d) Giuseppe Mazzini

**Q.36. When did the Socialists and trade unionists had formed a Labour Party in Britain and a Socialist Party in France?**

(a) 1901      (b) 1902      (c) 1903      (d) 1905

**Q.37. By which year the socialist ideas had spread through Europe?**

(a) 1872      (b) 1870      (c) 1873      (d) 1871

**Q.38. Who led the procession of 1,10,000 workers who went on strike?**

(a) Karl Marx      (b) Vladimir Lenin      (c) Kerenskii      (d) Father Gapon

**Q.39. Anti-German sentiments ran high during the First World War and St. Petersburg was renamed a\_\_\_\_\_.**

(a) Petersburg      (b) Petrogard      (c) Petrograd      (d) None of the above

**Q.40. What was the Imperial Russian army known as during the First World War?**

(a) Russian Power Roller      (b) Deterrent Roller  
(c) Tsarist Power Roller      (d) Russian Steam Roller

**Q.41. When did Bolshevik leader Vladimir Lenin return to Russia from his exile?**

(a) April 1917      (b) March 1917      (c) February 1917      (d) May 1917

**Q.42. The Bolshevik Party renamed itself the \_\_\_\_\_ to indicate its new radical aims.**

(a) Nevskii Prospekt      (b) Communist Party      (c) Marxist Party      (d) Opposition Party

## **SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION MCQS**

**Q.43. Who was the Prime Minister of Russia at the time of the October Revolution?**

(a) Kerenskii      (b) Lenin      (c) Trotskii      (d) Tsar Nicholas II

**Q.44. Who wrote the History of a Soviet Collective Farm?**

(a) Fedor Belov      (b) Trotskii      (c) Kerenskii      (d) Lenin

**Q.45. The 'Greens' who controlled most of the Russian empire during 1918 and 1919 were known as \_\_\_\_\_.**

(a) Menshevik Party (b) Pro-Tsarists (c) Socialist Revolutionaries (d) Bolsheviks

**Q.46. Who nationalised the industries and banks during the civil war?**

(a) Russian Steam Roller (b) Mensheviks (c) Bolsheviks (d) Leon Trotsky

**Q.47. Who introduced 'firm emergency measures' after the death of Lenin?**

(a) Lenin (b) Fedor Belov (c) Rasputin (d) Stalin

**Q.48. Centralised planning led to increase the industrial production by 100 percent in the case of oil, coal and steel during the period \_\_\_\_\_.**

(a) between 1927 and 1932 (b) between 1915 and 1920

(c) between 1921 and 1926 (d) between 1929 and 1933

**Q.49. Under the leadership of \_\_\_\_\_, a Military Revolutionary Committee was appointed by the Soviets to organise the seizure.**

(a) Vladimir Lenin (b) Leon Trotsky (c) Kerenskii (d) Rasputin

**Q.50. During the 1905 Revolution, the procession of workers who moved towards Winter Palace was attacked by police and the Cossacks. Over 100 workers were killed and about 300 wounded. This incident was known as \_\_\_\_\_.**

(a) Bloody Sunday (b) Bloody Monday (c) Bloody Saturday (d) None of the above

## English

1. Survey on 'Adult Literacy'.
2. Modals worksheet from English Practice Book.