



**DEEP PUBLIC SCHOOL**

**Your Child's future is Our Priority !!**

**SUMMER HOLIDAY'S HOME WORK**

**CLASS IX (2022-2023)**

**ECONOMICS**

Q1-Give one word for the following:

a) Tools , Machine –

b) Raw materials , Money in hand-

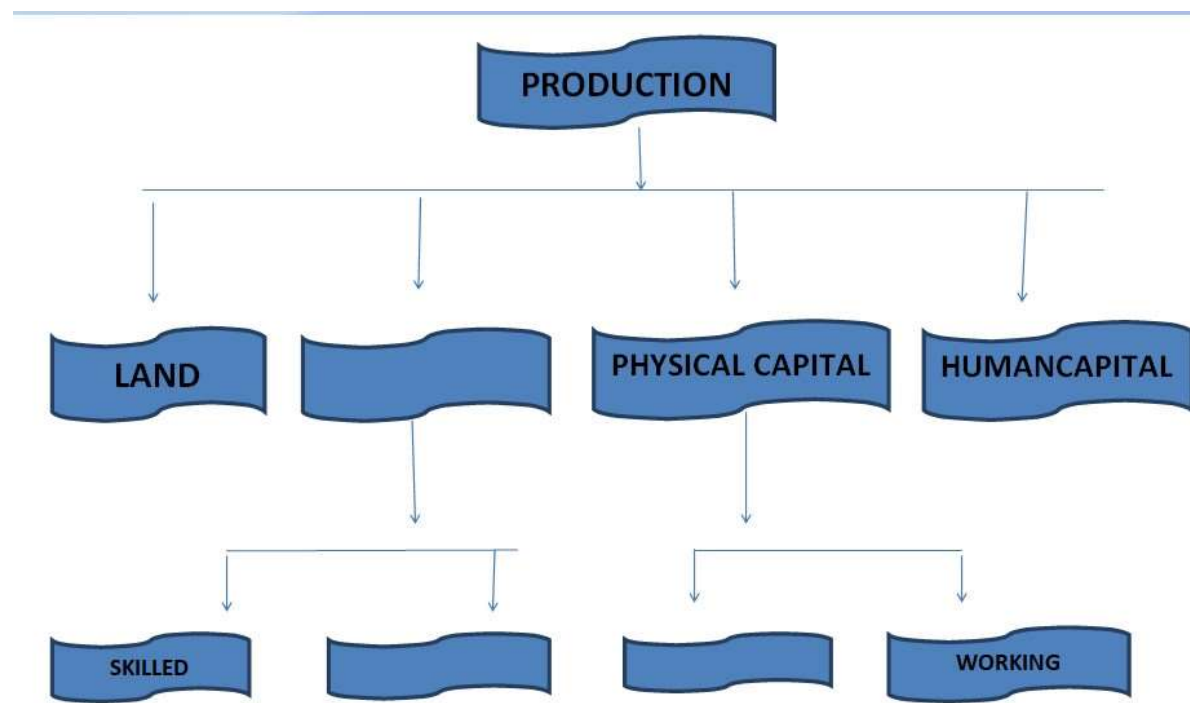
c) Scarce factor of production-

d) Abundant factor of production-

e) Fixed factor of production-

f) Most important factor of production-

Q2- Complete the information missing from the diagram;



### MULTIPLE CHOICE QUESTIONS

1. Which of the following is grown in the rainy season?  
(a) Jowar and bajra                      (b) Wheat                      (c) Soyabean                      (d) Rice
  2. Which of the following is a Rabi crop?  
(a) Wheat                      (b) Rice                      (c) Cotton                      (d) Jowar and bajra
  3. Which of the following is fixed capital?  
(a) Tools and machines                      (b) Fertilisers and pesticides                      (c) Soil                      (d) Seeds
  4. Which of the following is a standard unit of measurement of land?  
(a) Bigha                      (b) Hectare                      (c) Acre                      (d) Guintha
  5. The minimum wages for a farm labourer set by the government is  
(a) Rs. 50                      (b) Rs. 60                      (c) Rs. 70                      (d) Rs. 80
  6. Money in hand is an example of  
(a) Human capital                      (b) Fixed capital                      (c) Working capital                      (d) Physical capital
  7. HYV seeds stands for  
(a) Heavy yielding variety seeds                      (b) High yielding variety seeds  
(c) Half yielding variety seeds                      (d) None
  8. What is the main production activity in Palampur village?  
(a) Farming                      (b) Animal husbandry  
(c) Transport                      (d) Small-scale manufacturing
  9. Multiple cropping means growing  
(a) only two crops                      (b) only three crops  
(c) upto four crops                      (d) more than one crop
  10. Land under cultivation (in million hectares) in India in the year 2000 was  
(a) 120                      (b) 130                      (c) 140                      (d) 150
- 
11. Which area in India has a low level of irrigation?  
(a) Deccan plateau                      (b) Coastal regions                      (c) Riverine plains                      (d) Both (a) and (b)
  12. Modern farming methods were tried in India for the first time in  
(a) Punjab                      (b) Western U.P.                      (c) Haryana                      (d) All the above
  13. Which of the following is a modern farming method?  
(a) Multiple cropping                      (b) Use of HYV seeds  
(c) Use of chemical fertilisers                      (d) Both (b) and (c)
  14. Production of pulses (in million tonnes) in India during 2000-01 was  
(a) 10                      (b) 11                      (c) 14                      (d) 12
- 
15. Which one is a natural resource?  
(a) Labour                      (b) Raw materials                      (c) Mineral                      (d) None of the above

## **CIVICS**

- Q1- What does 'one person, one vote, one value' mean?
- Q2- Name the countries who deny the equal right to vote.
- Q3- Is it correct that a democratic government cannot do whatever it likes? Explain.
- Q4- Pakistan under General Pervez Musharraf is not called a democracy. Why?
- Q5- How can popular governments be undemocratic? Explain with an example.
- Q6- Till 2000, Mexico was not a democratic country. Explain.
- Q7- What is the significance of the rule of law and respect for rights in democratic country?
- Q8- Explain any three differences between democratic country and non-democratic countries

## **HISTORY**

### **The French Revolution**

#### **Short Answer Type Questions**

- Q1- Explain the impact of the French Revolution on the life of people of French.
- Q2- What compelled Louis XVI to raise taxes in France?
- Q3- Describe the status of the nobles in France before the revolution.
- Q4- "The inequality that existed in the French Society in the Old Regime became the cause of French Revolution". Justify the statement by giving three suitable examples.
- Q5- How did philosophers influence the thinking of the people of France?
- Q6- What measures were taken by Robespierre to bring equality in the French Society?
- Q7- How did the peasants contribute to the outbreak of the French Revolution? Explain.
- Q8- Write three main features of the French Constitution of 1971.
- Q9- Describe the picture in your own words. What are the images that the artist has used to communicate the following ideas: greed, equality, justice, takeover by the state of the assets of the church?
- Q10- Find out more about any one of the revolutionary figures you have read about in this chapter. Write a short biography of this person.

## **GEOGRAPHY**

### **General Instruction**

- Complete holiday homework in Geography notebook.
  - Take out the print also of PPT on A4 sheet.
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1. Give a brief description of India's neighbors.
2. Give a brief description of the size of India's landmass.
3. What was the significance of India's central location in ancient times?
4. Give some prominent features of the Himalayan mountains.
5. Describe briefly the three sections of the northern plain.
6. Why are Peninsular rivers seasonal in nature? State any three reasons.
7. Compare a delta and an Estuary.

### **ACTIVITY**

8. Prepare a PPT (10 slides) on Disaster Management topic:

Any one man-made disaster      **Or**

Any one natural disaster

Do the research work on the topic. It should be individual work and informative.

### **English**

1. Develop a story in about 150-200

words with the help of the clues given below

It was weekend. We were having dinner at a restaurant. The whole family was enjoying a delicious dinner. suddenly, we heard shouts of fire fire ...

2. Gap Filling

[a] Delhi [a]----- the capital of India people from all parts [b]----- the country and world come to visit Delhi. there [c]----- many historical buildings here. Last year I [d] ----- Delhi. I also watched [e] commonwealth games 2010.

[b] The caves of Ajanta and Ellora [a]----- the magnificent work of Sculpture. Whoever [b]----- there [c]----- spellbound. thousands [d]----- tourists visit [e] places every year.

3. Editing exercises 1. [a] Tsunami is a series in wave error----- correction-----  
[b] Generated in a body from water error----- correction----- [c] through an impulsive disturbance error ----- correction--- [d] causing damage to property loss of life error----- correction-----

2.[a]people of diverse culture liveserror----- correction-----

[b] together in India. there is many error----- correction-----

[c]people who exhibit unity of diversity error----- correction-----

- [d]they celebrated differentfestivals together error-----  
correction-----

4. Make a list of poetic devices with examples on A-4 size sheet.
5. Revise your periodic- test-syllabus.

## Mathematics

### General Instructions:

1. Do Holiday HW in Classwork copy (give heading SUMMER VACATION HW), no need to make separate copy
2. Complete C.W. & H.W. studied
3. Students are directed to read Newspapers and Magazines daily and update themselves with the current af

Q.1) Conduct a survey of your friends to find which kind of Game (indoor/outdoor) they like the most. Represe  
Information in the form of

- (i) Bar graph
- (ii) Pie chart

Q.2) Write and learn all formulas of chapter – Number system and Polynomials.

Q.3) Project work: (use A4 pages)

- (i) Make a project on history of Number  $\pi$  (pie).
- (ii) Bring articles, amazing facts, riddles, recent discoveries in the field of Mathematics. (Any 3)

दीप पब्लिक स्कूल  
ग्रीष्मकालीन अवकाश गृह कार्य  
कक्षा - नौवीं  
विषय - हिंदी

प्रश्न 1 - मनुष्य अपने स्वार्थ के कारण बेजुबां पशुओं पर अत्याचार करता रहता है। उसकी क्रूरता को दर्शाते कुछ चित्र चिपकाकर अपनी बात की पुष्टि कीजिए तथा उन्हें बचाने तथा उन पर अत्याचार को रोकने के सुझाव दीजिए।

प्रश्न 2 - प्राकृतिक आपदा किसे कहते हैं, इसके कौन-कौन से रूप हैं। चित्रों का अधिक से अधिक प्रयोग करते हुए प्रत्येक के बारे में कुछ पंक्तियाँ लिखिए।

प्रश्न 3 - कबीर के दोहों और साखियों को पढ़िए तथा अपने पसंदीदा किन्हीं पाँच दोहों को याद कीजिए, अपनी कॉपी में लिखिए तथा उसके निहित अर्थ को भी लिखिए।

प्रश्न 4 - निम्नलिखित पाँच अनुच्छेदों को स्वयं हल करने का प्रयास कीजिए।

1. बाल मज़दूरी - एक सामाजिक अभिशाप
2. फैशन और आज का युवावर्ग
3. स्वच्छ भारत मिशन
4. कंप्यूटर आज की आवश्यकता
5. नारी शक्ति

प्रश्न 5 - अपनी पसंदीदा कोई पाँच कहानियाँ लिखिए जिनमें कुछ मुहावरों का प्रयोग हुआ हो और एक सीख भी मिलती हो।

प्रश्न 6 - निम्नलिखित विषयों पर पत्र लिखिए।

1. अपने मित्र को जन्मदिन की शुभकामनाएँ देते हुए पत्र लिखिए।
2. प्रातः कालीन सैर के लाभों का वर्णन करते हुए छोटे भाई को सुझाव पत्र लिखिए।
3. आपके विद्यालय में खेल का मैदान तो है परंतु खेल सामग्री की कमी है। प्रधानाचार्य को पत्र लिखकर खेल सामग्री उपलब्ध कराने के अनुरोध कीजिए।
4. आपके पड़ोस में एक सार्वजनिक पार्क है जिसमें कुछ दंबंगों ने अधिकार जमा लिया है। सभी लोग इससे परेशान हैं। थानध्यक्ष को इस बारे में पत्र लिखकर मदद मांगिए।

नोट - दिए गए कार्य को एक अलग कॉपी में करें।

## Science

### Chemistry

Q1 Account for the following :

- a) Dogs generally hang out their tongue in summer
- b) Smell of lighted incense stick spreads several meters away
- c) Sponge though compressible is a solid

Q2 Water as ice has a cooling effect where as water as steam may cause severe burns. Explain these observations.

Q3 Discuss the effect of increasing temperature and pressure on the liquid state of a substance. Are these effects similar? If not assign reasons.

Q4 5ml of water was taken in a test tube and china dish separately. These samples were then kept under different conditions as below ;

both the samples are kept under a fan

both the samples are kept inside a cupboard

a) State in which case evaporation will be faster? Give reasons .

b) How will the rate of evaporation change if above activity is carried out on a

rainy day? Justify .Q5 Explain how will you separate Ammonium chloride and

common salt using sublimation

Q6 Write an activity to prove that liquids of different densities diffuse at different states.

Q7 All of us are familiar with LPG cooking gas cylinder used at home a) What is the full form of L.P.G? b)What is it composed of? c) In what form gas is stored? What are the factors responsible for it? d) What is the change observed when regulator is opened? Why?

Q8 Convert a)  $5^{\circ}\text{C}$  to Kelvin b)  $345\text{ K}$  to  $^{\circ}\text{C}$

Q9 At What temperature on the kelvin scale does ice melt?

**Project: List out various examples of pure substances and mixtures from our daily life on a chartpaper.(Paste colourful pictures wherever required).**

### **Biology**

- A) Read L 14 ' Natural Resources' carefully and write down an article on the issue of pollution and environmental degradation in about 1000 words.
- B) Prepare a model to compare plant cell and animal cell using common household items like grains and pulses etc.
- C) Complete notes and questions ( from PDF) of chapter 5 ' Cell : Fundamental Unit of Life' in biology notebooks.

### **Physics**

1. An object is moving up an inclined plane. Its velocity changes from  $15\text{m/s}$  to  $10\text{m/s}$  in two seconds. What is its acceleration?
2. A body covered a distance of  $x$  metre along a semicircular path. Calculate the magnitude of displacement of the body, and the ratio of distance to displacement?
3. A particle moving with an initial velocity of  $5\text{m/s}$  is subjected to a uniform acceleration of  $-2.5\text{m/s}^2$  . Find the displacement in the next 4 sec.
4. A car covers  $30\text{km}$  at a uniform speed of  $30\text{km/hr}$ . what should be its speed for the next  $90\text{km}$  if the average speed for the entire journey is  $60\text{km/h}$ ?

5. Give one example of a uniformly accelerated motion.
6. A car moving along a straight line at a speed of 54km/hr stop in 5s after the brakes are applied. (a) Find the acceleration, assuming it to be constant. (b) Plot the graph of speed versus time. (c) Using the graph. Find the distance covered by the car after the brakes are applied?
7. A vehicle moves at a speed of 40 km/h. It is stopped by applying brakes which produces a uniform acceleration of  $-0.6\text{m/s}^2$  . How much distance will the vehicle move before coming to stop?
8. State and explain law of conservation of momentum?
9. Give reasons:-
- i. On applying sudden brakes drivers gets a forward jerk
  - ii. A fielder lower his hands while catching a ball.
10. Draw the graph for the following cases:
- i. Velocity time graph for body undergoing retardation.
  - ii. Distance time graph for a body at rest.



11. An object of mass 2 kg moving with a velocity of 5m/s collides and sticks to a stationary wooden block of mass 5 kg. They both move off together. Calculate the speed of the combined object
12. Calculate the momentum of the object of mass 5 kg moving at a speed of 20 km/hr.

### **PROJECT WORK**

Newton's Laws of motion are an inherent part of our everyday life. Starting from the beginning of the day till the end, Newton's laws find their applications in a numbers of activities we do.

#### **What to do:-**

Give examples showing applicability of the laws in everyday life situations (think in reference to walking, playing, driving etc.) Also paste pictures

#### **Where to do:-** A4 size sheet

### **Computer**

1. Define BPO and its advantages and disadvantages.
2. Difference between domestic business and international business.
3. Difference between BPR and BPM
4. Difference between Alpha and Beta testing.
5. 5G is finally here- This is what you need to know about 5G.

Note: write these questions in Computer Note book.