



# D.A.V. PUBLIC SCHOOL MANPUR, KAIYA, GAYA

## Deepawali & Chhath Vacation Homework 2022-23

Class: X

### English

- First Flight
- 1. Write and learn Q/A of the lesson:
- Hundred Dresses I, II
- Glimpses of India
- Footprints without Feet
- The Necklace
- The Hack Driver
- Project work: Write life and works of John Berryman

### विषय - हिन्दी

1. (क्षितिज) नौबतखाने में इबादत, संस्कृति तथा संगीतकार पाठ के प्रश्नोत्तर लिखकर याद करें।
2. (कृतिका) साना-साना हाथ जोड़ें .... पाठ के प्रश्नोत्तर लिखकर याद करें।
3. पाठ्यक्रम के अनुसार पठित अलंकारों की परिभाषा लिखकर याद करें।
4. दीपावली की शुभकामनाएं देते हुए अपने मित्र/ अपनी सहेली को पत्र लिखें।
5. दीपावली पर निबन्ध लिखें।
6. (परियोजना- कार्य) सुप्रसिद्ध शहनाई वादक उस्ताद बिस्मिल्लाह खां के व्यक्तित्व पर प्रकाश डालते हुए शहनाई की तस्वीर बनाइए।

### विषय-संस्कृत

#### शेमुषी-

- (1) शुचिः पर्यावरणं पाठ के श्लोकों पर आधारित प्रश्नोत्तरों एवं अन्वय लिखें।

#### व्याकरण -

- (2) जश्त्व, पंचम वर्ण एवं सत्व विधान के दस दस उदाहरणों का संधि व विच्छेद करें।
- (3) तत्पुरुष, द्वन्द्व, एवं अव्ययीभाव समास के दस दस उदाहरणों को लिखकर समस्तपद एवं विग्रह करें।
- (4) पठित सभी अव्ययों का वाक्यों में प्रयोग करें।

## **MATHEMATICS**

### 1. DO CHAPTERS

CIRCLES AND HEIGHT AND DISTANCE FROM NCERT BOOK.

ACTIVITY-

1. TO VERIFY USING THE METHOD OF PAPER CUTTING, PASTING AND FOLDING THAT THE

LENGTHS OF TANGENTS FROM AN EXTERNAL POINT TO A CIRCLE.

2. PROBABILITY-

TO GET FAMILIAR WITH THE IDEA OF PROBABILITY OF AN EVENT THROUGH A DOUBLE

COLOUR CARD EXPERIMENT .

3. VOLUME OF RIGHT CIRCULAR CYLINDER .

4. TO FIND THE MODE GRAPHICALLY.

## **SOCIAL SCIENCE**

### **History**

1. Learn and write all question answers of

(a) The making of global world.

(b) Nationalism in India

Map Work

(i) All places related to Nationalism in India.

### **Democratic Politics**

1. Learn and write all question answers of

(a) Gender, Religion and Caste.

(b) Federalism

## **GEOGRAPHY/ ECONOMICS**

'Tertiary sector is different from other sectors.' Justify the statement with suitable arguments.

How do the deposits with banks become their source of income?

Why one cannot refuse a payment made in rupees in India?

Compare formal sector loans with informal sector of loans regarding interest only.

Why is the supervision of the functioning of formal sources of loans necessary?

Why are most of the poor households deprived from the formal sector of loans?

Which country has successfully organized SHGs? Who had initiated the programme?

Highlight the inherent problem in double coincidence of wants.

Why is modern currency accepted as a medium of exchange without any use of its own? Give

reasons?

Differentiate between metallic and non-metallic minerals with examples.

Distinguish between conventional and non-conventional sources of energy.

How is the mining activity injurious to the health of the miners and environment? Explain.

What are the main types of formations in which minerals occur?

Why is it necessary to conserve mineral resources? Suggest any four ways to conserve mineral resources.

## **INFORMATION & COMMUNICATION TECHNOLOGY**

1. Why is networking needed?
2. In what ways www is different from other servers on the Internet?
3. Explain Client –Server and Peer to Peer architecture?
4. Define the following Internet Terminology :-  
(i) URL (ii) Blog (iii) Web Portal  
(iv) Newsgroup (v) E-mail
5. Write some key features of Instant Messaging.
6. Explain any two IM applications.
7. Name some IM applications.
8. What are the basic rules and etiquettes for chatting?
9. What is online transaction? Explain COD.
10. How do you e-shop?
11. What is a digital order and digital receipt?

## **SCIENCE**

### **PHYSICS**

1. State ohm's law ? How can it be verified experimently ? Does it hold good under all conditions ? Comment.
2. Derive the effective resistance of a combination of three resistors if they are (i) in parallel  
(ii) in series.
3. What is electric resistivity of a material? Describe an experiment to study the factors on which the resistance of a conducting wire depends.

### **CHEMISTRY**

- 4 Define the following terms and learn them (a ) Mineral.  
(b ) Ore ( c ) Gangue
- 5 Name two metals which are found in nature in nature in the free state.
6. What chemical process is used to obtain a metal from its oxide
- 7 What are alloys ?
8. Write steps involved in the extraction of metals from ores ( fig. 3.1 0).
9. Project work –( A) Draw figure 3.12 on chart paper and write about its also .  
(B) Draw figure 3.13 on chart paper and write about it.

## Biology

1 Define puberty ,bisexual ,menarch, sensory neuron ,reflex arc, reflex action ,gestation period, pasturtionsyngamy , lactation period.

2 Write all long question answer of reproduction.

Project work

3 ,(i) Draw life cycle of an angiospermic plants.

(ii) Write name of five STDs. Also write their symptoms.

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***HAPPY HOLIDAY***