



# APS

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**SR. SEC. SCHOOL**

## HOME WORK FOR WINTER VACATION

### CLASS - 8<sup>th</sup>

#### English

#### **Chapter – (A Visit to Cambridge)**

- Q 1 Did the prospect of meeting Stephen Hawking make the writer nervous? if so why?
- Q.2 I could feel his anguish? what could be the anguish?
- Q.3 What was the scientist's message for the disabled?
- Q.4 The writer expresses his gratitude to Stephen Hawking .what is the gratitude for?
- Q.5 what endeared the scientist to the writer so that he said that he was looking at one of the most beautiful man in the world?
- Q.6 who is Stephen Hawking?
- Q.7 who is Firdaus Kanga (the writer of the chapter)?
- Q.8 What is housed within the thin walls?
- Q.9 What is compared to human body?
- Q 10 Where did the writer meet Stephen Hawking?

#### **Chapter – (A short Monsoon Diary)**

- Q.1 When does the monsoon season begin and when does it end? How do you prepare to face the monsoon?
- Q.2 What are the two ways in which the hills appear to change when the mist comes up?
- Q 3 Where do the snakes and rodents take shelter?
- Q.4 What did the author receive in the mail?
- Q.5 Which hill station is described in the chapter?
- Q.6 Why is the author not able to see Bijju?
- Q.7 What do we wear in monsoon season to avoid rain?
- Q.8 What does chuchundar bring( as mentioned in the chapter)?
- Q.9 For how many days does it rain ?
- Q.10 Who is the author of the chapter Short Monsoon Diary?

#### **Chapter – (Jalebis)**

- Q.1 Why didn't the boy pay the school fees on the particular day?

- Q.2 Why did not the boy take the coin's advice? Give two three reasons?
- Q 3" The fear was killing me" what was the boys fear?
- Q.4 The boy reached home with the coins in his pocket. What happened then?
- Q.5 What was the consequence of buying jalebies with the fees money?
- Q 6 With whom did the boy decide to play a game?
- Q.7 How much money did the boy have to pay?
- Q.8 what was the name of the teacher who collected school fees?
- Q.9 Where did the boy go when he ran from school?
- Q.10 What did the boy find under the rock?

### **Chapter – (Our ancient education system)**

- Q .1 Why were travellers attracted towards India?
- Q.2 What were the sources of ancient education system?
- Q.3 What were the role of Guru's in pupil's life?
- Q.4 Where did n uns and monks received their education?
- Q.5 What is Panini known for?
- Q.6 In which university did Xuan Zang and I - Quing study?
- Q.7 Who wrote ashtadhyayi?
- Q.8 which two universities are mentioned in this chapter?
- Q.9 Where is Nalanda at present?
- Q.10 Where did children get education in western India?

### **Grammar**

**En assignment will be sent to you on the assigned days, you have to write the assignment in your notebook and solve them Grammar: Revision work -**

1. Conjunction
2. Conditional sentences
3. Message writing
4. Advertisement.

I' ll send an assignment in your class group and you all have to note down and solve the assignment in fair notebook.

**Note- Learn these questions from the given chapters and write them in your notebook.**

## Hindi

### वसंत-

#### **पाठ—11 (सूरदास के पद)**

- 1) किसकी चोटी नागिन की तरह लहराएगी?
- 2) मक्खन कौन चुरा रहा था?
- 3) सूरदास जी ने पाठ में किसकी जोड़ी का वर्णन किया है?
- 4) श्री कृष्ण की शिकायत लेकर कौन गया?
- 5) बलराम शब्द के पर्यायवाची शब्द लिखो।
- 6) दही शब्द का लिंग बदलो।
- 7) ढोटा शब्द का अर्थ लिखो।
- 8) माता-पिता में कौन-सा समास है? परिभाषा सहित लिखो।
- 9) दूध शब्द का तत्सम शब्द लिखो।
- 10) गृहस्थ शब्द का विलोम शब्द लिखो।

#### **पाठ -12 (पानी की कहानी)**

- 1) दो गैसों के नाम लिखो जो सूर्य मंडल में लैपटों के रूप में विद्यमान थीं?
- 2) हाइड्रोजन का अर्थ लिखो।
- 3) उत्पन्न शब्द के पर्यायवाची शब्द लिखो।
- 4) ब्रह्मांड में कौन-सी दो गैसें सूर्य मंडल में लैपटों के रूप में विद्यमान थीं?
- 5) बूँद का पूर्वज कौन था?
- 6) बेर की झाड़ी पर क्या मिला?
- 7) खारा पानी कहाँ मिलता है?
- 8) बूँद क्या सोच रही थी?
- 9) गर्मधारा से किसकी भेंट हो गई?
- 10) जंगल शब्द सही शब्द के पर्यायवाची शब्द लिखो।

### पाठ-13 (बाज और साँप)

- 1) समुद्र के किनारे ऊँचे पर्वत की अँधेरी गुफा में कौन रहता था?
- 2) एक दिन एकाएक आकाश में उड़ता हुआ कौन साँप की गुफा में आ गया ?
- 3) साँप की गुफा कैसी थी? बाज ने उसके बारे में क्या कहा ?
- 4) पत्थर सा बना बाज का शरीर कहाँ जा गिरा ?
- 5) खोखल शब्द का अर्थ लिखें?
- 6) साँप और बाज के पर्यायवाची शब्द लिखें ।
- 7) स्थावर शब्द का विलोम शब्द लिखें।
- 8) अंधकार शब्द के पर्यायवाची शब्द लिखें।
- 9) साँप उड़ने की कोशिश में कहाँ जा गिरा?
- 10) लहरें किसके लिए गीत गा रही थीं?

### भारत की खोज

#### पाठ 8 (तनाव)

- 1) ब्राह्मी लिपि का अर्थ लिखो?
- 2) कायाकल्प शब्द का अर्थ लिखिए।
- 3) द्वितीय विश्व युद्ध कब हुआ?
- 4) भारत छोड़ो आंदोलन किसके नेतृत्व में हुआ ?
- 5) दो विदेशी आक्रमणकारियों के नाम लिखो।
- 6) शिक्षा के प्रसार को कौन नापसंद करते थे? क्यों?
- 7) "तुम भारत छोड़कर चले जाओ" अर्थ के आधार पर वाक्य का कौन- सा भेद है ?
- 8) पाँच कठिन शब्द तनाव पाठ में से लिखें।

9) अहमदनगर के किले में बंद कर दिए जनता को भड़का दिया ब्रिटिश ने आक्रमण किया नेहरू गाँधी ने अत्याचारों का विरोध किया सही विराम चिन्ह लगाकर वाक्य पूरा कीजिए ।

10) 'भारत माता की जय' किसने कहा?

### पाठ-9 (दो पृष्ठ भूमियाँ)

1) भारत ने 1943 में किस आपदा का सामना किया?

2) बदहाली शब्द का अर्थ लिखें।

3) अकाल के समय कोलकाता में क्या हुआ?

4) 1942 का विद्रोह सफल क्यों नहीं हुआ?

5) रवींद्र नाथ टैगोर ने क्या कहाँ?

6) जनता क्यों भड़क उठी?

7) भारत के सजीव सामर्थ्य के बारे में लिखें।

8) भारत बीमार क्यों था?

9) इस युद्ध के दौरान कौन-सी महामारी फैली हुई थी ?

10) सोच समझकर योजना बनाई जाती तो अंग्रेजों को भारत से खदेड़ा जा सकता था अर्थ के आधार पर वाक्य का कौन-सा भेद है?

**व्याकरण समरूपी भिन्नार्थक शब्द सभी लिखो व याद करो ।**

**\*अनुच्छेद\***- जहाँ सुमति तहाँ संपत्ति नाना, परिवर्तन ही जीवन है, मोबाइल फोन से होने वाली हानियाँ लिखो व याद करो।

**विज्ञापन लेखन-** ए0पी0एस0 कोचिंग सेंटर, नीम टूथपेस्ट, पर्यावरण सुरक्षा हमारी शान, नटराज पेंसिल सुंदर तरीके- से लिखो व याद करो।

### औपचारिक पत्र

1) बैंक की चेक बुक खो जाने के सूचनार्थ बैंक प्रबंधक को पत्र लिखिए ।

2)आपने राजा बुक स्टोर लखनऊ से कुछ पुस्तकें मँगवाई थी ।यें पुस्तकें पुराने संस्करण की होने के साथ-साथ कटी -फटी भी हैं। शिकायत करते हुए पुस्तक वापस करने का अनुरोध कीजिए।

**पद्यांश**

पेज नंबर-247,248,249,250 कविता पढ़ कर( पाँच-पाँच) अपने आप प्रश्नों के उत्तर निकाल कर लिखें।

**नोट:- सभी प्रश्नों को याद करें और फिर इसे अपनी छुट्टियों की होमवर्क नोटबुक में लिखें**

## **Mathematics**

### **Chapter 10 (exponent and power)**

#### **Fill in the blanks:**

a)(1000)<sup>0</sup> =\_\_

b)2<sup>-3</sup>\_\_

c) Standard form of 0.00000006 is\_\_\_\_\_

d) Usual form of 3.03×10<sup>3</sup>\_\_\_\_\_

#### **Solve the following questions:**

**a) Evaluate them: A) (i) 3<sup>-2</sup> (ii) (-4)<sup>-2</sup> (iii) (1/2)<sup>-5</sup>**

**B) (i) (8<sup>-1</sup>×5<sup>3</sup>)/2<sup>-4</sup> (ii) (5<sup>-1</sup>×2<sup>-2</sup>) ×6<sup>-1</sup>**

#### **b) Simplify the following:**

(i) (3<sup>0</sup>+4<sup>-1</sup>)×2<sup>2</sup>

(ii) (2<sup>-1</sup>×4<sup>-1</sup>)÷2<sup>-2</sup>

(iii) (1/2)<sup>-2</sup>+(1/3)<sup>-2</sup>+(1/4)<sup>-2</sup>

(iv) (3<sup>-1</sup>+4<sup>-1</sup>+5<sup>-1</sup>)<sup>0</sup>

(v) {(-2/3)<sup>-2</sup>}<sup>2</sup>

**c) In a stack there are five books each of thickness 20 mm and 5 paper sheet each of thickness 0.016 mm .What is the total thickness of the stack?**

**d) Write all laws of exponent and learn it.**

### **Chapter 12 (Factorization)**

**1) Write and learn all formulas.**

**2) Factorise :**

a) X<sup>2</sup>+8x+16

b) 4y<sup>2</sup>-12y+9

c) 121a<sup>2</sup>-88bc+16c<sup>2</sup>

d) 9x<sup>2</sup>y<sup>2</sup>-16

e) a<sup>4</sup>-b<sup>4</sup>

f) p<sup>4</sup>-81

**3) Divide the polynomial:**

- a)  $(5x^2-6x) \div 3x$
- b)  $(3y^8-4y^6+5y^4) \div 2y$
- c)  $96abc(3a-12)(5b-30) \div 144(a-4)(b-6)$
- d)  $(10x-25) \div (2x-5)$

**Chapter -13 (Introduction to graph)**

**Practice exercise 13.2 in your practice notebook**

**Note : Also revise and learn the questions answers which are done in your fair note book**

**Project work**

- For Roll No.- 1 to 5 verify Pythagoras Theorem for any right angle triangle.
- For Roll No.- 6 to 10 Make a model on factorization of quadratic equation.
- For Roll N0.- 11 to 15 make a model on quadrilateral and write properties of quadrilateral.
  
- For Roll No.- 16 to 20 Make a model on square and cube of a numbers.
- For Roll No.- 21 to 28 Make a model on number system.
- For Roll no.- 28 to 35 make a kite, Rhombus, square, Rectangle of paper folding and cutting.

**Science**

**Chapter 12 Sound**

**Fill in the blanks:**

- 1) Sound travels fastest in \_\_\_\_\_.
- 2) The loudness of a sound is determine by the\_\_\_\_\_
- 3) The frequency of the sound determine its \_\_\_\_\_

**Give one word for the following:**

- 1) The position of rest of the bob of a pendulum.
- 2) The maximum distance of a vibrating object from its position of rest
- 3) One complete to and fro movement of the pendulum.
- 4) Time taken by vibrating particles to complete one oscillation.

**Long type questions:**

- 1) What is sound and write its characteristics.
- 2) Describe oscillatory motion with the help of diagram.

**Chapter 15 (Light)**

- 1) Bouncing back of light after striking the surface, in the same medium is called \_\_\_\_\_.
- 2) The image in a plane mirror is called a \_\_\_\_\_ image.
- 3) A band of light obtained on the screen is called \_\_\_\_\_
- 4) The phenomenon of splitting of white light into seven different colours is termed as \_\_\_?
- 5) The distance from an object to a plane mirror is \_\_\_\_\_ to the distance from the image of mirror.

**Very short questions and answers:**

- a) What is the range of vision of a normal human eye.
- b) Name the scientist who invented the concept that enables a blind person to read utilizing residual ability.
- c) Name the part of the eye which gives color to the eye.
- d) The angle between incident ray and reflected ray is  $60^\circ$ . What is the value angle of incidence?

**Long type questions:**

- a) What are the characteristics of the image formed by a plane mirror and gives laws of reflection.
- b) Draw the diagram of an eye and explain it.

**Note : Also revise and learn the questions answers which are done in your fair note book Chapter-wise.**

**Project: Roll No. (1-11) : Make the chart of Human eye .**

**Roll No. (12-22) : Make a electroscope model as instructed in class.**

**Social Science**

**History**

- Q 1 Who took the initiative to set up the Calcutta Madrasa?
- Q 2. Name the two Indian who reacted against Western education.
- Q 3 Who is a Linguist?
- Q 4. Name two individuals who sharply attacked the orientalist.
- Q 5 Who was of the opinion that Colonial education created sense of inferiority in the minds of Indians?
- Q 6. Name the places where universities were first established by the company in India?
- Q 7. What does madrasa mean?
- Q 8, When was first Hindu College set up at Banaras?
- Q 9 When was English education act introduced?



Q 10 When was Calcutta Madrasa was set up?

## **Geography**

### **Ch 4 (Industries)**

Q 1 Industries that use minerals as raw material are called

Q 2 . Cotton textile industry is aa example of..... based industry

Q 3. The first cotton mill in India was set up in.....

Q 4. Most of India's jute mills are located on the banks of..... river.

Q 5 Two states more famous for their cotton textile industry are.....

Q 6.The Bhilai Steel Plant located in.....

Q 7 How many economic sectors are there?

Q 8 How can we classify the industries on the basis of ownership?

Q 9 Why are the iron and steel industries known as basic industries?

Q 10 What are the factors of industrial location?

### **Ch 5 (Human Resources)**

Q 1 hich is the most populous continent of the world?

Q 2 Which continent has the highest population growth in the world?

Q 3 What is the population density of India according to census 2011?

Q 4 What is the gender ratio of India

according to census 2011

Q 5) What are the factors of population distribution?

Q 6 What are the factors of population change?

Q 7 Define age composition.

Q 8 What is the average population density of the world?

Q 9 Which Indian state has highest population density?

Q 10 What is the population density of Haryana state according to Celsius 2011?

## **Civics**

### **Ch 6 (Understanding Marginalisation)**

Q 1. Which article of the Constitution abolishes untouchability?

Q 2. What is the 'Reservation Policy'?

Q 3. By what names are the manual scavengers known in different parts of our country?

Q 4. What is Article 15?

Q 5 Who are Adivasis?

Q 6 How much percent of India's population is Adivasi?

Q 7 Name the important mining and industrial centres where Adivasis are located.

Q 8 How many Adivasis groups are there in India?

Q 9 Where is Niyamgiri Hill located?

Q 10 How many national parks are there in India?

**Note : Also revise and learn the questions answers which are done in your fair note book**

### **Sanskrit**

#### **रुचिरा भाग - 3**

पाठ -9 से 15 तक अभ्यास सहित लिखो ।

पाठ -11 से 13 तक अभ्यास सहित याद करो ।

धातु -पच्, पिब्, स्था, पश्य याद करो ।

शब्दरूप- नदी, मुनि, लता, साधु, गुरु याद करो ।

भगवतगीता के 18 वे अध्याय से कोई 2 श्लोक अर्थ सहित लिखो और सस्वर याद करो ।

**नोट:- सभी प्रश्नों को याद करें और फिर इसे अपनी छुट्टियों की होमवर्क नोटबुक में लिखें**

### **Computer**

Lesson:- 7 (Database and DBMS An Introduction) complete learn

Lesson:-8 (Ethics and Safety Measures in Computing) complete learn.

**Make a Chart: Topic:-** Make a chart for Short Cut Key use in Computer.

### **G.K**

- 1) When is Earth Day celebrated?
- 2) Where is Bandipur National Park situated?
- 3) When was India's first National Park established?
- 4) What is the full form of ISRO?
- 5) Name the largest flower in the world?
- 6) Name the state that has the longest coastline in India?
- 7) Name an oilseed that is used in the manufacturing of paints?
- 8) What is the name of the largest star?
- 9) Who is the writer of "The God of Small Things"?
- 10) What is the height of Kanchenjunga?

### **Reasoning**

Ch 10 National awards

Ch 12 Crafts of India

Ch 15 Currency

Ch 22 Stay Safe Stay Healthy

Ch 52 Factious Symbol

Ch 55 Classification

Ch 56 Coding Decoding

Ch 57 Binary Coded number

Ch 61 Venn diagram

**Note : Learn all the questions and then write it in your separate holiday homework note book.**