

# STEPHENS

INTERNATIONAL PUBLIC SCHOOL



**Holidays' Homework**

Session – 2021-22

**Class : 10th**

## Subject : English

### Task – I (Story Writing)

- A. Write a short story in 200 – 250 words, with the help of the clues given below. Give a suitable title to the story.

*It was Amrita's first day at the new school. She was feeling very nervous. She stood in a corner and watched the students who were laughing and talking excitedly. When she saw four senior students advancing towards her, she ... ..*



- B. Study the picture given below. Write a short story on what the picture suggests. Your composition may be about the subject of the picture or you may take suggestions from it. However, there must be a clear connection between the picture and your composition.



### Task – II (Voice)

- A. Complete the following sentences using an appropriate passive verb form.

- This castle \_\_\_\_\_ in 1600.
  - built
  - was built
  - has built
- Hindi \_\_\_\_\_ in many parts of India.
  - is spoken
  - has spoken
  - spoke

3. The roof \_\_\_\_\_ by the contractor.

- a) is being fixed
- b) has being fixed
- c) is fixing

4. He complained of \_\_\_\_\_

- a) having tortured
- b) having been tortured
- c) have been tortured

5. Young children need \_\_\_\_\_

- a) taken care of
- b) to be taken care of
- c) taking care of

6. You \_\_\_\_\_ when the time comes.

- a) will inform
- b) will be informed
- c) will be informing

7. I \_\_\_\_\_ to leave.

- a) have just told
- b) have just been told
- c) have been telling

8. We \_\_\_\_\_ some photographs.

- a) were shown
- b) were showing
- c) showed

9. Dinner \_\_\_\_\_

- a) was being served
- b) was serving
- c) served
- d) has being served

10. She \_\_\_\_\_

- a) has told
- b) has been told
- c) has been telling

**B. Put the following sentences into the passive voice:**

1. Type these letters at once.
2. Deposit your money in the bank.
3. Send invitations to all the parents.
4. Do you take colour photographs?
5. Did they hire a taxi?
6. Is the doctor examining the patient?
7. Where do they play the match?
8. Why did they raise this question?
9. Where can you get good books?
10. When do they clear the mail?
11. Who broke the news?
12. What did they discuss at the meeting?
13. We can't take up this work now.
14. Some persons don't eat bananas.
15. The tourists didn't visit this place.

### Task – III (Subject – Verb Concord)

#### **A. Choose the correct form of the verb that agrees with the subject.**

1. Annie and her brothers (is, are) at school.
2. Either my mother or my father (is, are) coming to the meeting.
3. The dog or the cats (is, are) outside.
4. Either my shoes or your coat (is, are) always on the floor.
5. George and Tamara (doesn't, don't) want to see that movie.
6. Benito (doesn't, don't) know the answer.
7. One of my sisters (is, are) going on a trip to France.
8. The man with all the birds (live, lives) on my street.
9. The movie, including all the previews, (take, takes) about two hours to watch.
10. The players, as well as the captain, (want, wants) to win.
11. Either answer (is, are) acceptable.
12. Every one of those books (is, are) fiction.
13. Nobody (know, knows) the trouble I've seen.
14. (Is, Are) the news on at five or six?
15. Mathematics (is, are) John's favourite subject, while Civics (is, are) Andrea's favourite subject.
16. Eight dollars (is, are) the price of a movie these days.
17. (Is, Are) the tweezers in this drawer?
18. Your pants (is, are) at the cleaner's.
19. There (was, were) fifteen candies in that bag. Now there (is, are) only one left!
20. The committee (debates, debate) these questions carefully.

### Task – IV (Literature)

#### **A. From The Diary Of Anne Frank**

From the diary of Anne Frank' throws light on teacher-student relationship, class atmosphere and discipline.

Write a paragraph on the values of these aspects of school and how far these values are necessary for learning and life.

#### **B. Read any book and summarize it in the form of PowerPoint Presentation (slides). The slides must be in the following order:**

- General information about the book.
- Author's description.
- Character's description.
- Summary of the story.
- Moral/ what you get from the story.
- Note- You can include different pictures related to the text in the slides. Presentation in form of paragraph will not be accepted. It must be in points. The slides must not be more than 15.

## विषय - हिन्दी

१. दिए गए संकेत बिंदुओं के आधार पर लगभग १०० शब्दों में अनुच्छेद लिखें।

विषय - 'सफलता प्राप्ति में आत्मविश्वास की भूमिका

संकेत बिंदु

- आत्मविश्वास से अभिप्राय
  - आत्मविश्वास का महत्त्व
  - आत्मविश्वास का सफलता से संबंध
२. मीराबाई के काव्य संग्रह पर एक पीडीएफ तैयार करें।
३. प्री-मिड के पाठ्यक्रम के सभी पाठों में से मुहावरों को चुनकर अर्थ सहित अपनी कॉपी पर लिखिए।
४. डिब्बा बंद जूस बेचने वाली कंपनी की ओर से विज्ञापन तैयार कीजिए।
५. प्री-मिड के पाठ्यक्रम का पुनः अवलोकन (Revision) कीजिए।

**नोट:-**

- हम उम्मीद करते हैं कि सभी विद्यार्थी ग्रीष्मावकाश के दौरान अपना ग्रीष्मावकाश कार्य तो करें किन्तु अपने स्वास्थ्य का भी ध्यान रखें और लॉकडाउन के नियमों का पालन भी करें।



## Subject : Mathematics

- Q1. Check whether  $3, 3 + 2, 3 + 3, \dots$  is an AP or not.
- Q2. Is  $-10, -6, -2, \dots$  form an AP or not. If it forms an AP, find the common difference and write three more terms.
- Q3. If 6th term of an AP is  $-10$  and its 10th term is  $-26$ , then find the 15th term of an AP.
- Q4. Find 11th term from the last term of AP:  $10, 7, 4, \dots, -62$ .
- Q5. Find the ratio of 10th term from beginning and 20th term from the end of the AP:  $3, 8, 13, \dots, 253$ .
- Q6. If  $4, a, 2$  are three consecutive terms of an AP, then find the value of  $a$ .
- Q7. How many two digits numbers between 6 and 102 are divisible by 6.
- Q8. Find the sum of AP:  $2, 7, 12, \dots$ , to 10 terms.
- Q9. If  $a_n = 4, d = 2, S_n = -14$ , find  $n$  and  $a$ .
- Q10. Find the sum of first 51 terms of an AP whose second and third terms are 14 and 18 respectively.
- Q11. Find the sum of first 20 multiples of 8.
- Q12. Find the number of terms of an AP:  $18, 15, 12, \dots$  so that their sum is 45.
- Q13. In an AP,  $d = -4, n = 7, a_n = 4$  find  $a$ .
- Q14. Which term of the AP:  $21, 42, 63, 84, \dots$  is 210?
- Q15. Is 0 a term of the AP:  $31, 28, 25, \dots$ ? Justify your answer.
- Q16. If the HCF of 45 and 210 is expressible in the form of  $210x + 45y$ , find  $x$  and  $y$ .
- Q17. Prove that  $3 + 5\sqrt{2}$  is irrational.
- Q18. Find the zeroes of the polynomial  $4x^2 + 5\sqrt{2}x - 3$ , and verify the relationship between the zeroes and coefficients.
- Q19. Solve for  $x$  and  $y$   
 $b^2x + a^2y = ab$ , and  $x + y = 2ab$ .
- Q20. Solve the quadratic equation  $9x^2 - 15x + 6 = 0$  by the method of completing the squares.

### ART INTEGRATED LEARNING (AIL)

#### **Planning of annual calander**

The school team while planning the annual calander should look at the following slots available with the school and utilise them for art integrated learning like morning assembly, zero period. Special events and celebrations, Children's day, Teacher's day, Environmental day, National festivals, like Republic day, Independence day, Gandhi jayanti etc. Students prepare the collage of the above activities where you have participated on a scrap book. Material used: News paper, school magazine, school diary, colourful chart paper etc.

### ART INTEGRATED LEARNING

**Note:** - Internal assessment (20 marks) CBSE board for the session 2021-22 will be given on the basis of Art Integrated Learning project.

You have to submit the project in the month of July 2021.

# Subject : Science

## SECTION 1

- A. Collect photos of different species of human evolution till date and paste them in the form of phylogenetic tree as their relationships with each other.
- B. Collect photos of five endangered species each of plants and animals and five extinct species each of plants and animals of J&K. Discuss their role and significance in maintaining natural equilibrium and mention the major steps taken by government for their conservation.
- C. With the world dealing with so much of pollution these days and the only cure from this disaster is to plant more and more trees. Write an article on Afforestation by taking into consideration different movements started by humans in past regarding conservation of forests.
- D. India is trying to use solar energy in many aspects of life for providing one of the alternative than fossil fuels. Write an article in your **Biology** notebook on solar energy as source of renewable energy and what are the different methods through which we can utilize it as a fuel.

**SECTION 2:** Describe the activity A & B with aim, materials required, procedure, observation and conclusion. The questions that follow should be written in the **Chemistry** notebook (using colorful sparkle pens, sketch pens). Paste 4-5 pictures of your activity in support of your answers.

**Activity A.** Use turmeric (haldi) to check whether a particular substance is acid or base. {Hint: Dissolve washing powder in water. Add a spoonful of turmeric to it...}.

### Answer the questions

- Q1. Name one naturally occurring substance containing citric acid and one containing tartaric acid?
- Q2. Why do we feel a burning sensation in the stomach when we overeat? What is the medicine used against to soothe this sensation called? Give one example?

**Activity B.** Demonstrate rancidity and corrosion with the help of an activity. Check what happens when oily food or some eatable is left unused for some time and what happen when iron and copper get corrode. Write down methods used to preserve food at home and also write down methods to prevent corrosion.

**Answer the questions**

- Q1. Why iron corrode but aluminum does not?
- Q2. Give one example of a reaction which is a displacement reaction as well as a redox reaction?

**SECTION 3:** Describe each of the following topics in at least 100 words in your Physics notebooks.

- A. Take a pencil and dip it in a transparent glass of water or place a coin in a glass filled with water. Explain the effect of refraction using any one of the above examples and record a video clip.
- B. When passed through a prism, white light splits into seven constituent colours. Draw a diagram showing splitting of white light into different constituent colours. Use the same colour for showing different components in which they actually split in.
- C. What is an electromagnet? Why it is preferred over an ordinary magnet? Prepare an electromagnet at home using a nail and winding coil. Bring pieces of iron near it and see what happens.





## Subject : Social Science

### A. GENERAL QUESTIONS:

- 1) Write a Newspaper Report on:
  - a) Jallianwalla Bagh Massacre
  - b) The Simon Commission
- 2) List all the different social groups which joined the Non Cooperation movement of 1921. Then choose any three and write about their hopes and struggles to show why they joined the movement.
- 3) Find out about the participants in the National Movement who were captured and put to death by the British. Paste their pictures in your file.
- 4) Do you agree with Iqbal's idea of communalism? Can you define Communalism in a different way?
- 5) Prepare a Detailed Report on 'Salt Satyagrah'.
- 6) Mark and locate the following on the Map of India.
  - a) A place where the Congress session was held in 1919.
  - b) A place where the Congress session was held in 1920.
  - c) A place associated with the Cotton mill workers Satyagraha.
  - d) The place where the Non Cooperation movement was called off in 1922.
- 7) Why do Lenders ask for Collateral while Lending.
- 8) In India, about 80% of farmers are small farmers, who need credit for cultivation.
  - a) Why might Banks be unwilling to lend to small farmers?
  - b) What are the other sources from which the small farmers can borrow?
  - c) Explain with an example how the terms of credit can be unfavorable for the small farmers.
- 9) Prepare a short report on:  
Case study Grameen Bank of Bangladesh.
- 10) Prepare a Detailed Report on  
SHG's

### B. PROJECT:

- 1) Prepare a Detailed Project Report on any one of the following Topics:
  - a) Consumer Awareness
  - b) Social issues
  - c) Sustainable Development.

### Note:

1. Write the answers of General Questions on Separate Notebook.
2. Use a Separate file for Project Work.

