

ARMY PUBLIC SCHOOL, PATIALA
HOLIDAY'S HOMEWORK
CLASS - VII (2023-24)

SUBJECT - ENGLISH

Task 1: My Favourite Protagonist Project

Protagonist is the leading character or one of the major characters in a play, film, novel, etc. In literary terms, a hero or heroine protagonist is typically admired for their achievements and noble qualities.

For example, Snow White is the protagonist of Snow White and the Seven Dwarfs.

Guidelines for the project:

- Read any two books of your choice
- Select the protagonist from any one book.
- Use the information in the book as well as you can do some extra research.
- Write a brief character profile of your protagonist.
- Tell details of the role played by him/her in the story.
- Describe how the protagonist resolves the conflict of the story.
- Tell about the bad characters that the protagonist encounters in the storyline.
- Why is the protagonist admired by you?

Present your project as a beautiful booklet. You can use pictures and artwork to explain your points.

Task 2: Novel-Black Beauty

Read the journey of Black Beauty! Sum up what you can learn from him with the help of the given questions.

Ques.1 Choose a character from the novel Black Beauty. Why is this character important to the story?



Ques. 2 Setting of the story tells when and where the story takes place. Describe the setting of the story Black Beauty.



Ques.3 If you could spend a day where the story is set, what would you do?



Ques.4 Could the story have happened in real life? Why or Why not?



Ques.5 List five characters from the story and write a sentence to describe them.



Ques.6 Which character is most like you? Why?



Ques.7 Write a different beginning for the story?

Ques.8 What happened at the end of the story?

Given below is a suggested list of books for you. Read atleast one of them

1. Percy Jackson Series – Rick Riordan
2. The Girl who drank the Moon - Kelly Barn hill
 - Counting by 7s - Holly Goldberg Sloane Paterson
 - Northern Lights (Graphic Novel) – Phillip Pullman
 - Wonder – R. J. Palacio
 - Bridge to Terabithia – Katherine
3. Small Island - Andrea Levy
4. The Selfish Giant - Oscar Wilde

Task 3 (Reading)

Read the English newspaper daily. Write down headlines of newspaper from 1st June to 30th June.

Task 4 (Project Work)

(a) Design a poster for the following topics-

1. Save trees
2. Environmental Protection

(a) Collecting and Sharing Information

Ask your parents and grandparents about what kind of school they went to and fun they had. Find out about their teachers, the subjects they studied and the activities they did in school. (Remember to pen down all the information.)

Task 5 Revise the syllabus covered in the class so far for PA1.

SUBJECT - MATHEMATICS

NOTE: Do the following questions on loose sheets.

1. Write down the pair of integers whose

(a) Sum is -5 (b) Difference is -8

2. Solve the following:

(a) $5 \div 0.05$ (b) $1.9 \div 10$

3. Verify $a - (-b) = a + b$ for the following values of 'a' and 'b' .

(a) $a = 10$ and $b = 70$ (b) $a = -20$ and $b = 15$

4. Verify the following: $(-25) \times [(-7) + 8] = [(-25) \times (-7)] + [(-25) \times 8]$

5. Evaluate:

(a) $0 \div (-25)$ (b) $(-30) \div 6$

6. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer.

(a) Mohit answered all the questions and scored 24 marks and get 10 correct answers.

(b) Ajay also answered all the questions and scored (-12) marks though he got 8 correct answers.

How many incorrect answers had they attempted ?

7. Solve the following:

(a) 2×0.05 (b) 2.2×1000

8. Solve and express as a mixed fraction:

(a) $135 \div 35$ (b) $16 \div 35$

9. Find each of the following products:

(a) $3 \times (-11)$ (b) $(-13) \times (-3)$

10. Determine the integer whose product with (-1) is -25.

11. Find the mean of first ten natural numbers.

12. Find the mean of first seven even natural numbers.

13. Find the mean of first six odd natural numbers.

14. Find the median of first five multiples of 7.

15. Find the median of 3, 5, 1, 6, 8, 4, 9.

16. Find the mode of 2, 4, 3, 6, 7, 4, 4, 6, 4.

(b) Can we say that we can add integers in any order ?

17. In a quiz, team A scored (- 50), 20, 0 and team B scored 20, 0, (-50) in three successive rounds.

(a) Which team scored more ?

18. Find:

(a) 17 of 2 45 (b) 58 of 35

(a) 57 (b) 125

19. Solve and express as a mixed fraction :

(a) $2 \frac{25}{75} \div 75$ (b) $7 \div 35$

20. Find the reciprocal of each of the following fractions and classify the reciprocal as proper fraction, improper fraction and whole number.

21. What is commutative property for addition of integers ?

22. What is commutative property for multiplication of integers ?

23. What is associative property for addition of integers ?

24. What is associative property for multiplication of integers ?

25. What is distributive property of multiplication over addition ?

SUBJECT – SCIENCE

Complete and Revise following chapters:

Ch-1 Nutrition in Plants

Ch-2 Nutrition in Animals

- **Practice diagrams of Ch-1 and Ch-2**
- **Read Ch-4 Heat**
- **Solve worksheet in science notes notebook (C.W.)**
- **and learn question/answers and back exercises of the following chapters:**
- **Ch-1 Nutrition in Plants**
- **Ch-2 Nutrition in Animals**

SCIENCE HOLIDAYS' HOME WORK WORK SHEET

Choose correct answer:

1. Which of the following is an insectivorous plant?

- (a) Pitcher plant
- (b) Indian telegraph plant
- (c) 4 'O'clock plant
- (d) Cuscuta

2. The end products of photosynthesis are

- (a) carbohydrates, oxygen
- (b) carbohydrates, hydrogen
- (c) carbohydrates, water vapours
- (d) carbohydrates, oxygen and water vapours

3. What is the ultimate source of energy for all living organisms?

- (a) Water energy
- (b) Wind energy
- (c) Solar energy
- (d) Chemical energy

4. Bile is produced in

- (a) Gall bladder
- (b) Blood
- (c) Liver (d) Spleen

5. Cud is the name given to the food of ruminants which is:

- (a) swallowed and undigested.
- (b) swallowed and partially digested.
- (c) properly chewed and partially digested.

(d) properly chewed and completely digested.

6. Read the following statements with reference to the villi of small intestine.

- (i) They have very thin walls.
- (ii) They have a network of thin and small blood vessels close to the surface.
- (iii) They have small pores through which food can easily pass.
- (iv) They are finger-like projections.

- (a) (i), (ii) and (iv)
- (b) (ii), (iii) and (iv)
- (c) (iii) and (iv) (d) (i) and (iv)

Identify those statements which enable the villi to absorb digested food.

7. Gastric digestion takes place efficiently in

- (a) acidic medium
- (b) alkaline medium
- (c) neutral medium (d) highly alkaline medium

8. Given below from (i) to (iv) are some food items.

- (i) Boiled and mashed potato
- (ii) Glucose solution
- (iii) A slice of bread
- (iv) Mustard oil

- (a) (i) and (ii)
- (b) (i) and (iii)
- (c) (ii) and (iii) (d) (iii) and (iv)

Which of the above will give blue-black colour when tested with iodine?

9. Boojho took some grains of boiled rice in test tube 'A' and Paheli took boiled and chewed rice in test tube 'S'. Both of them poured 1-2 drops of iodine solution into the test tube and observed the color change. What color change would they have observed? Give reasons for your Answer.

10. Define oral rehydration solution and when it is given to the patient? How can you prepare ORS at home?

11. Explain human digestive system with a labeled diagram.

12. What is the function of guard cells of stomata?

13. Which parts of the plant are called food factories of the plant?

14. Why do some plants feed on insects?

15. Except plants, why can't other living organisms prepare their food using CO₂, water and minerals?

16. You were blindfolded and asked to identify the drinks provided in two different glasses. You could identify drink A as lime juice and B as bitter gourd juice. How could you do it inspite of being blindfolded.

17. Explain the role of mucus secreted by stomach.

18. Name the simple forms of carbohydrates, fats and proteins.

SUBJECT – SOCIAL STUDIES

→ Do complete Map Work of chapter 2 history New Kings and kingdoms

→ Do complete Activity 3 Prepare a manuscript describing about the achievements of chola kingdom in 20-30 words. For reference read chapter 2 of History New kings and kingdoms.

→ Prepare the first page of **Our Constitution PREAMBLE** in your civics part

→ Learn all the four chapters done in notebook.

→ **Social Science Art Integrated Project**

Activities in the form of Collage, Ppts, handicrafts, Scrap File

TOPIC:-

'Ek Bharat Shreshtha Bharat'

Collect, compare and analyse the location, historical importance, government working, traditional culture, rituals, monuments etc of **Odisha**.

SUBJECT – SANSKRIT

नोट – सम्पूर्ण कार्य उत्तरपुस्तिका में लिखिए एवं याद कीजिए।

1. संख्या – 1 -50 तक (संस्कृत भाषा में)

2. धातु रूप – गम् , चर् (लट् लकार एवं लृट् लकार में)

3. शब्द रूप – देव , लता

4. दिव्यम् पुस्तक – (पाठ -2) गुण, दीर्घ तथा वृद्धि सन्धि की परिभाषा लिखिए। इन सभी संधियों से सम्बंधित पाँच-पाँच उदाहरण भी उत्तरपुस्तिका में लिखिए।

SUBJECT – HINDI

1. पत्र लेखन

• अपने बड़े भाई के विवाह का निमंत्रण देते हुए मित्र को पत्र लिखिए।

2. अनुच्छेद लेखन

• विकास का आधार – अनुशासन।

3. संवाद लेखन

• रेलवे पूछताछ – खिड़की पर विवेक और पूछताछ बाबू के मध्य हुई बातचीत को संवाद के रूप में लिखिए।

4. चित्र वर्णन



5. गतिविधि

- 'उड़ीसा के प्रसिद्ध व्यंजन' विषय पर एक सुंदर सा कोलाज बनाइए।

नोट – सारा कार्य व्याकरण कार्य पुस्तिका में लिखिए और गतिविधि भित्ति पत्रिका (स्क्रेप बुक) में बनाइए। आपका लेख साफ़, सुंदर तथा स्पष्ट होना चाहिए।

SUBJECT – COMPUTER

1. Make a presentation of five slides which will include introduction, decimal number system, binary number system, octal number system and hexadecimal number system. Apply different slide transition and animation effects on the slides and save your presentation by your name, class and section. E-mail your presentation to your computer teacher. (anjana.batish@gmail.com)
2. List any five precautions that should be taken to prevent computer virus in your computer notebook.

SUBJECT – PUNJABI

10 ਪੰਨੇ ਮੁਲੇਖ ਲਿਖੋ।

SUBJECT – ART

NOTE:- Do your work in Art book and Art file.

TOPICS:- Sketching a boat(page number 9)
Form Elements still life object(page number10,11)
Perspective View(page number 13)
Doodling(page number- 14)
Animal study (page number-15)

ACTIVITY:-

Cubism(Newspaper collage)
Texture Elements