

DELHI PUBLIC SCHOOL CIVIL LINES ALIGARH



HOLIDAY HOMEWORK/CLASS-X/2026-27

ENGLISH

. Read any one novel out of the following and prepare a book review on it. Book review should include synopsis, main incidents and pen - portrait of any two important characters. Write it on A 4 size sheet and submit it in a creative book jacket. Do not replicate the cover of the book.

- Christmas Carol (By Charles Dickens)
Treasure Island (By R L Stevenson)
Oliver Twist (By Charles Dickens)
Moby Dick (By Herman Melville)

Q.2. Write a letter in 120 words, in your language note-book on any one of the following .

There is a busy road in front of your school. A large number of students have to cross the road while going back home. They run a great risk. Write a letter to the Editor, The Hindustan Times , New Delhi drawing attention of the concerned authorities to the problem. Make a request to mark a zebra crossing and to put traffic lights in front of your school. You are Amrit/ Amrita, student of class X, Delhi Public School Civil Lines, Aligarh.

OR

Write a letter to the Municipal Chairman of New Town, North East District, about the dilapidated condition of a public monument, requesting him to take urgent steps for the preservation of this valuable heritage. You are Anupam / Akanksha , 40-C, Civil Lines , New Town.

HINDI

नोट— समस्त गृहकार्य परियोजना पुस्तिका (Project File) में करना है।

- 1- पंचतंत्र, अकबर—बीरबल अथवा प्रेमचंद की कहानी पढ़कर किन्ही दो कहानियों का सार अपने शब्दों में लिखिए। (लगभग 200 शब्दों में) कहानी से संबंधित चित्र भी बनाइए।
- 2- परियोजना कार्य—ग्रीष्मकालीन अवकाश के दिनों में अपने माता—पिता तथा पारिवारिक बुजुर्गों की किसी ना किसी प्रकार एक घंटा मदद करिए और प्रतिदिन पाँच पंक्तियों में लिखिए, आपने क्या कार्य किया और क्या अनुभव किया ? (आवश्यकतानुसार फोटो भी लगाइए)
- 3- दैनिक समाचार पत्र से खोया—पाया, जमीन बिकाऊ, कोचिंग सेंटर, मोबाइल फोन, पेय पदार्थ, संबंधित किन्ही 8 प्रकार (चार वर्गीकृत तथा चार प्रदर्शित) के विज्ञापन परियोजना पुस्तिका में चिपकाइये तथा उसके आधार पर मौलिकता को ध्यान में रखते हुए फिर से आकर्षक विज्ञापन बनाइए। प्रत्येक विज्ञापन एक पेज में बनाना है।
- 4- निम्नलिखित में से किसी एक पाठ का आकर्षक प्रवाह—चित्र (Flow Chart) बनाइए—
Roll No. 01-10- कबीर की साखी
Roll No. 11-20- मीरा के पद
Roll No. 21-30- बड़े भाई साहब
Roll No. 31-40- हरिहर काका
- 5- बड़े भाई साहब अथवा हरिहर काका कहानी पर आधारित किसी प्रसंग को चित्र—कथा (Picture Story) के रूप में प्रस्तुत कीजिए। (6-8 चित्रों में)

6—स्वरचित लेखन कार्य

निम्नलिखित विषयों में से किसी एक विषय पर स्वरचित कविता, (20 पंक्तियाँ) कहानी या लेख (200 शब्दों में) लिखिये।

पर्यावरण संरक्षण, मोबाइल के नुकसान, भारतीय संस्कृति, भारतीय किसान, कृत्रिम बुद्धिमत्ता(AI), साइबर युग (साइबर ठगी, सावधानी एवं सुरक्षा के उपाय), जननी और जन्मभूमि, राष्ट्रहित सर्वोपरि, मातृभाषा में शिक्षा की अनिवार्यता, हिंदी हैं हम वतन है, पशु-पक्षी और हम, अध्यात्म और भारत।

URDU:

Huruf "Alif se Badi ye" tak her ek huruf ka shair likhye

Kisi ek unwan per Mazmoon likhye

1- Pasandida Shaksiyat

2- Mele ka Ankhon Dekha Haal

3- Qomi Tahwaar

MATHS :

Activity 1. To verify the conditions for consistency of a system of linear equations in two variables by graphical representation.

Activity 2. To draw the graph of a quadratic polynomial and observe the shape of the curve when the coefficient of x^2 is positive and negative.

Activity 3. To verify that the sum of first n natural numbers is $n(n + 1) / 2$ by graphical method.

Activity 4. To verify that the given sequence is an arithmetic progression by paper cutting and pasting method.

Activity 5. To find the sum of the first n even natural numbers.

NOTE : Do MCQs of Ch1 to Ch5 from NCERT EXAMPLAR .

SCIENCE

PHYSICS- (NOTE : For more numericals visit ENTAB)

- Write the following practicals in your Physics Lab Record Book. (Instruction (i) No need to write Procedure (ii) Keep the Observation table blank)
 - Aim : To determine the focal length of a concave mirror by focusing a distant object.
 - Aim: To determine the focal length of a convex lens by focusing sun rays.
 - Aim: To trace the path of refracted ray of light after refraction through a rectangular glass slab.
 - Aim: To trace the path of refracted ray after refraction through a triangular glass prism.
- Analyze the given data for a convex lens and answer the questions that follow.**

S.no	Object Distance(u)	Image distance(v)
1	-100 cm	+25 cm
2	-60 cm	+30 cm
3	-40 cm	+40 cm
4	-30 cm	+60 cm
5	-25 cm	+100 cm
6	-15cm	+120 cm

- What is the focal length of convex lens? Give reason.
- Write the serial number of observation which is not Correct. On what basis you arrive to this conclusion?
- Select appropriate scale and draw ray diagram for S.no 2 observation.

- Analyze the given data and answer the questions that follow.** (Without using mirror formula)

Case	Object distance	Focal length
1	-30 cm	-15 cm
2	- 45 cm	10 cm
3	- 60 cm	- 20 cm

(a) Name the type of mirror in case 1 and 2.

(b) What is the image distance in case 1.

BIOLOGY-

● Prepare a colorful chart/working model/collage on the allotted topics. Prepare yourself for presentation on reopening of school. Topic given should be neat and well-labelled.

A) Human respiratory system and an alveolus surrounded by blood capillaries (Roll no. 01 to 20)

B) Alimentary canal and a network of blood capillaries in the villi of small intestine. (Roll no. 20 to last roll no.)

*Copy all the experiments from the lab manual into your practical file and complete them.

CHEMISTRY-

Do as directed

● Find out at least 10 different chemical reactions happening in your daily life. Write down their balanced chemical equations and categorize them according to the type of reaction.

● Do all the Exercise of chapter the chemical reaction and equation from science NCERT Exemplar in Practice Notebook.

*Copy all the experiments from the lab manual into your practical file and complete them.

SOCIAL SCIENCE

Social Science Project

Prepare a handwritten project on any one topic:

1. Consumer Rights 2. Social Issues 3. Sustainable Development

Instructions:

- Use A4 size sheets.

- Mention Name, Class, Section, Roll Number, and Topic.

- Include Introduction, Content, Pictures, and Conclusion.

- Project length: 5–6 pages.

- Submit after summer vacation.



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