

NEW ERA PUBLIC SCHOOL
Holiday Homework (2026-2027)

Class XI

Subject: English (301)

I. General Studies Project

Choose a topic given below after a careful consideration.

A. The synergy between AYUSH (Ayurveda, Yoga, etc.) and allopathic medicine.

Key Question: What are the ethical considerations of "bioprospecting" indigenous medicinal knowledge, and how can these practices be scientifically validated for global use?

B. A study on how integrating empathy and kindness into the school curriculum impacts student mental health and long-term professional success.

Key Question: Can formal "Kindness Education" reduce instances of school bullying and better prepare students for the collaborative nature of the modern gig economy?

C. An analysis of "Climate Anxiety" among teenagers and how education systems can transition from fear-based climate warnings to empowerment-based advocacy.

Key Question: To what extent does including practical "Climate Action" projects in the school syllabus help students mitigate the psychological stress caused by global environmental crises?

A report/essay of about 500-700 words will be submitted on the research and presentation of the project.

A. The Project Portfolio will be put in sequence in the order given below-

1. Cover page - title of the project, school details/
details of students.
2. Statement of purpose/objectives/goals
3. Acknowledgements
4. Certificate of completion under the guidance
of the teacher.
5. The Report/Essay - 500 to 700 words
6. Material evidence - Questionnaires for interview, survey reports,
notes.
7. Inclusions - Reflections, photographs that
captured your learning experience, list of

resources/bibliography.

B. A PPT PRESENTATION

Assessment criteria:

Project portfolio (5 marks) + Presentation (5 marks)

RUBRICS -

FOR PORTFOLIO - CONTENT, GRAMMAR ACCURACY, VOCABULARY, FLUENCY/ COHERENCE.

FOR PRESENTATION - CREATIVE EXPRESSION, PERFORMANCE DESCRIPTORS, CONTENT, COLLABORATION SKILLS, INTERACTION.

II. Complete the Revision Worksheet and paste it in your Notebook.

ENGLISH CORE

COMPETENCY BASED QUESTIONS - WORKSHEET 01

Chapters Covered: The Portrait of a Lady, A Photograph, The Summer of a Beautiful White Horse

Q1. Read the following extract and answer the question that follows:

'When I went up to University, I was given a room of my own. The common link of friendship was snapped. My grandmother accepted her seclusion with resignation.'

What does the phrase 'accepted her seclusion with resignation' reveal about the grandmother?

- A) She was indifferent and did not care about the narrator anymore.
- B) She was a woman of strong character who didn't impose her emotions on others.
- C) She was angry at the narrator for moving away to university.
- D) She preferred being alone as she grew older.

Q2. Assertion (A): In 'The Portrait of a Lady,' the grandmother was not 'pretty' in the traditional sense, but she was always 'beautiful.'

Reason (R): Her beauty was spiritual, compared to the 'winter landscape in the mountains,' emanating peace and contentment.

- A) Both A and R are true and R is the correct explanation of A.
- B) Both A and R are true but R is not the correct explanation of A.
- C) A is true but R is false.
- D) A is false but R is true.

Q3. In 'A Photograph,' the phrase 'laboured ease of loss' is an example of an oxymoron. What does it primarily suggest?

- A) That loss is easy to handle if one works hard enough at it.

- B) The effortful struggle to appear normal despite the painful reality of permanent loss.
- C) The mother's physical exhaustion from the beach holiday.
- D) That the poet has forgotten the mother and moved on easily.

Q4. Assertion (A): The cardboard in 'A Photograph' shows the poet how it was when the two girl cousins went paddling.

Reason (R): The 'cardboard' represents the temporary and fragile nature of the photograph compared to the eternal sea.

- A) Both A and R are true and R is the correct explanation of A.
- B) Both A and R are true but R is not the correct explanation of A.
- C) A is true but R is false.
- D) A is false but R is true.

Q5. In 'The Summer of the Beautiful White Horse,' Aram says, 'No member of the Garoghlanian family could be a thief.' This belief is primarily based on:

- A) The family's extreme wealth and abundance.
- B) A lack of opportunity to commit crimes in their village.
- C) The tribe's reputation for honesty maintained for eleven centuries.
- D) The strict laws and punishments enforced by the elders.

Q6. Assertion (A): Mourad was considered the natural descendant of the 'crazy streak' in the family.

Reason (R): He stole the horse because he wanted to sell it and help his family out of poverty.

- A) Both A and R are true and R is the correct explanation of A.
- B) Both A and R are true but R is not the correct explanation of A.
- C) A is true but R is false.
- D) A is false but R is true.

Q7. Uncle Khosrove's repetitive response, 'It is no harm; pay no attention to it,' reveals his:

- A) Deep wisdom and philosophical detachment from the world.
- B) Impatient and eccentric temperament that mirrors Mourad's spirit.
- C) Genuine concern for the problems of others.
- D) Inability to understand the Armenian language properly.

Q8. When John Byro sees the boys with the horse, he looks into the horse's mouth. Why does he not accuse them of theft?

- A) Because he was afraid of the Garoghlanian family.
- B) Because he couldn't be 100% sure it was his horse.
- C) Because his belief in the family's honesty was stronger than the evidence of his own eyes.
- D) Because the boys promised to return it the next day.

Q9. Assertion (A): The grandmother in 'The Portrait of a Lady' stopped praying for the first time on the day the narrator returned from abroad.

Reason (R): She was so overwhelmed with joy that she collected the women of the neighborhood and sang of the 'homecoming of warriors.'

- A) Both A and R are true and R is the correct explanation of A.
- B) Both A and R are true but R is not the correct explanation of A.
- C) A is true but R is false.
- D) A is false but R is true.

Q10. How does the 'sea' in 'A Photograph' contrast with the human beings in the picture?

- A) The sea is dangerous while humans are safe.
- B) The sea represents the changeability of nature.
- C) The sea is eternal and unchanging, while human life is 'transient' and mortal.
- D) The sea is colorful while the photograph is black and white.

Q11. Mourad's 'way with a horse' and 'way with a dog' suggest that he:

- A) Was a trained veterinarian.
- B) Had a natural, empathetic, and understanding bond with living creatures.
- C) Used force and discipline to control animals.
- D) Was secretly working for John Byro.

Q12. Assertion (A): The ending of 'The Summer of the Beautiful White Horse' is a triumph of 'conscience' over 'desire'.

Reason (R): The boys returned the horse because they were afraid that John Byro would report them to the police.

- A) Both A and R are true and R is the correct explanation of A.
- B) Both A and R are true but R is not the correct explanation of A.
- C) A is true but R is false.
- D) A is false but R is true.

Holiday Homework (2026-27)

Class: XI

Subject: Mathematics (041)

1. Assignment (To be done in Mathematics Set - B register)
2. Complete Activity-1 to Activity-4 in Mathematics practical file.

Topic: Sets

- Q1. If $A = \{1, 2, 3, 4, 5\}$, $B = \{4, 5, 6, 7, 8\}$ and $C = \{7, 8, 9, 10, 11\}$, find
(i) $A \cup B$ (ii) $B \cup C$ (iii) $(A \cup B) \cup C$ (iv) $(A \cup B) \cap C$
- Q2. If $A = \{a, b, c, d, e\}$, $B = \{a, c, e, g\}$ and $C = \{b, e, f, g\}$, find
(i) $A \cap (B - C)$ (ii) $A - (B \cup C)$ (iii) $A - (B \cap C)$
- Q3. If $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$, $A = \{1, 2, 3, 4\}$, $B = \{2, 4, 6, 8\}$ and $C = \{1, 4, 5, 6\}$, find
(i) A' (ii) $(B')'$ (iii) $(A \cup B)'$ (iv) $(A \cap B)'$
- Q4. If $U = \{1, 2, 3, 4, 5, 6, 7, 8\}$, $M = \{2, 4, 6\}$ and $N = \{2, 4\}$, find M' and $M - N$.
- Q5. Write down all possible subsets of each of the following sets:
(i) $\{a\}$ (ii) $\{0, 1\}$ (iii) $\{a, b, c\}$ (iv) $\{1, \{1\}\}$
- Q6. Let $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$, $A = \{1, 2, 3, 4\}$, $B = \{2, 4, 6, 8\}$, $C = \{3, 4, 5, 6\}$ then find (i) $A \cap C$ (ii) $(B - C)'$ and express each part with the help of a Venn diagram.
- Q7. If U is the set of all digits in our decimal system, $A = \{x : x \text{ is an odd integer}\}$,
 $B = \{x : x \text{ is an even integer}\}$ and $C = \{x : x \leq 5\}$ then find the value of $A - (B \cap C)$.
- Q8. Write the following intervals in set builder form:
(i) $[4, 2]$ (ii) $[-3, 5)$ (iii) $(-5, 6]$ (iv) $(-1, 10)$
- Q9. In a class of 60 students, 25 students play cricket and 20 students play tennis and 10 students play both the games. Find the number of students who play neither.
- Q10. In a group of people, 50 people read newspaper A, 20 read newspaper B and 10 read both the newspapers. How many people read at least one of the two newspapers?

Cased based Questions:

- Q11. Mathematics teacher Ms. Anjana gave a problem to Class XI students. They were asked to calculate $U - (A \cap B)$. Asif calculated $(A \cap B)'$, Krish calculated $A' \cup B'$, Heena listed all elements in the universal set which were not there in $A \cup B$ and Jenny drew the Venn diagram.
Let $U = \{2, 3, 5, 7, 11, 13, 17, 19, 23, 29\}$, $A = \{2, 3, 23, 29\}$ and $B = \{2, 3, 5, 7\}$.

Based on the above information answer the following questions:

- (i) Write $U - (A \cap B)$
 - (ii) Write set $A - B$.
 - (iii) Verify that $(A \cup B)' = A' \cap B'$
 - (iv) Write $U - (A \cup B)$. Also draw its Venn diagram.
- Q12. In class XI of a school, 50 students eat burger and 42 eat noodles during lunch time. 24 students eat both burger and noodles.

Based on the above information answer the following questions:

- (i) Find the number of students who eat burger only.
- (ii) Find the number of students who eat noodles only.
- (iii) Find the number of students who eat any one of the two food items.
- (iv) Find the number of students who eat neither burger nor noodles.



Topic: Sequences and Series

Q1. Write the first four terms of the sequence whose n^{th} term is given by

(a) $a_n = 2n^2 - 3$

(b) $a_n = \frac{n(n-2)}{n+3}$

Q2. The third, sixth and the last term of a G.P. are 6, 48 and 3072 respectively. Find its first term and the common ratio.

Q3. Find the sum of the series $\frac{2}{9} + \frac{1}{3} + \frac{1}{2} + \dots + \frac{81}{32}$.

Q4. Find three numbers in G.P. whose sum is 21 and the sum of whose squares is 189.

Q5. The sum of first two terms of a G.P. is (-4) and the fifth term is 4 times the third term. Find the G.P.

Q6. Find the 3^{rd} term from the end of the sequence 2, 6, 18,,1458.

Q7. Find three numbers in a G.P. whose sum is 19 and product is 216.

Q8. The ratio of the sum of first three terms is to that of first 6 terms of a G.P. is 125: 152. Find the common ratio.

Q9. Which term of the G.P. 5, 10, 20, 40, ... is 5120?

Q10. The first and the second term of a G.P. are x^{-4} and x^m respectively. If its 8^{th} term is x^{52} , find the value of m.

Q11. How many terms of the geometric series $1 + 4 + 16 + 64 + \dots$ will make the sum 5461?

Q12. Find the sum of the series $0.7 + 0.77 + 0.777 + \dots$ up to n terms.

Q13. How many terms of the series $\sqrt{3} + 3 + 3\sqrt{3} + \dots$ will make the sum $39 + 13\sqrt{3}$?

Q14. The sum of three numbers a, b and c in A.P. is 18. If a and b both are increased by 4 and c is increased by 36, the new numbers form a G.P. Find the values of a, b and c.

Q15. Find the sum of the series : $81 - 27 + 9 - 3 + \dots - \frac{1}{27}$.

Topic: Complex numbers and Quadratic Equations

Q1. Evaluate: $(1 + i)^3 + (1 - i)^3$

Q2. What is the value of $\frac{i^{4n+1} - i^{4n-1}}{2}$?

Q3. What is the reciprocal of $3 + \sqrt{7}i$?

Q4. Find $(1 + i)(3 + i)$ and express in the form of $a + ib$.

Q5. Find the real values of x and y, if $(x + iy)(2 - 3i) = 4 + i$.

Holiday Homework (2026-27)

Class: XI

Subject: Chemistry (043)

- i) Students will do the assignment questions given below for the Chapter: "Some Basic Concepts of Chemistry" and "Structure of Atom".
- ii) Written work of practical files to be completed as directed in the class.

Assignment (to be done in chemistry notebook)

1. Silver is a very precious metal and is used in jewelry. One million atoms of silver weigh 1.79×10^{-16} grams. Calculate its gram atomic mass.
2. A compound on analysis gave the following percentage composition: Na = 14.31 %, S = 9.97 %, H = 6.22 % and O = 69.5%. Calculate the molecular formula of the compound on the assumption that all the hydrogen in the compound is present in combination with oxygen as water of crystallization. The molecular mass of the compound is 322.
3. Two solutions of a substance (non-electrolyte) are mixed in the following manner: 480 ml of 1.5 M first solution and 520 ml of 1.2 M second solution. What is the molarity of the final mixture?
4. Determine the mole fraction of CH_3OH and H_2O in a solution prepared by dissolving 5.5 g of alcohol in 40 g of H_2O .
5. Calcium carbonate reacts with aqueous HCl to give CaCl and CO according to the reaction,
$$\text{CaCO}_3(\text{s}) + 2 \text{HCl}(\text{aq}) \rightarrow \text{CaCl}_2(\text{aq}) + \text{CO}_2(\text{g}) + \text{H}_2\text{O}(\text{l})$$
What mass of CaCO is required to react completely with 25mL of 0.75M HCl?
6. A commercially available sample of concentrated HCl is 38% HCl by wt. (density = 1.18 g/mL). Calculate molarity, molality and mole fraction of HCl in the given solution.
7. Will the molarity of a solution at 80°C be same, less or more than the molarity at 45°C and why?
8. Two bulbs P and Q of equal capacity contain 10 g of O_2 and O_3 respectively. Identify the bulb which has:
(i) larger number of molecules (ii) larger number of oxygen atoms.
9. If the density of methanol is 0.793 kg/L, what is the volume needed for making 2.5 L of its 0.25 M solution?
10. The work function for cesium atom is 1.9eV. Calculate,
(i) The threshold wavelength.
(ii) The threshold frequency of the radiation.
(iii) If the cesium element is irradiated with a wavelength 500nm, calculate the kinetic energy and the velocity of the ejected photoelectron.
11. (a) Calculate the wavelength and frequency of limiting line of Lyman series.
(Rydberg constant = 109677cm^{-1})
(b) Find energy of each of the photons which correspond to light of frequency 3×10^{14} Hz.
12. Cl-atom is exposed to electromagnetic radiation of 1050 Å and gives out induced radiations. Calculate λ for the induced radiations.
13. Explain the following:
(a) Photoelectric effect (b) Black body radiation
14. Calculate the energy associated with the first orbit of Li^{2+} . What is the radius of this orbit?
15. (a) Which of the following will not show deflection from the path on passing through

an electric field? Proton, cathode rays, electron, neutron.

- (b) Rutherford experiment, generally the thin foil of heavy atoms like gold, platinum etc. have been used to be bombarded by the α -particles. If a thin foil of light atoms like aluminium etc. is used, what difference would be observed from the above results?

Each of these questions contain two statements, Assertion and Reason. Each of these questions also have four alternative choices, only one of which is the correct answer. You have to select one of the codes (a), (b), (c) and (d) given below.

- (a) Assertion is correct, reason is correct; reason is a correct explanation for assertion.
(b) Assertion is correct, reason is correct; reason is not a correct explanation for assertion
(c) Assertion is correct, reason is incorrect
(d) Assertion is incorrect, reason is correct.

16. **Assertion:** Combustion of 16g of methane gives 28g of H_2O .

Reason: In the combustion of methane H_2 is one of the products.

17. **Assertion:** One atomic mass unit is defined as one twelfth of the mass of one C-12 atom.

Reason: C-12 isotope is the most abundant isotope of carbon and has been chosen as the standard.

18. **Assertion:** In Lyman series of H-atom, the maximum wavelength of lines is 121.56 nm.

Reason: Wavelength is maximum when the transition is from the very next level.

19. **Assertion:** According to the Thomson model of an atom, mass of the atom is concentrated in the centre of an atom.

Reason: According to the Thomson model, positive charge concentrated in the centre of the atom.

20. **Assertion:** Black body is an ideal body that emits and absorbs radiations of all frequencies.

Reason: The frequency of radiation emitted by a body goes from a lower frequency to higher frequency with an increase in temperature.

Holiday Homework (2026-27)

Class : XI

Subject – Physics (042)

- Students will do the assignment questions given below for the following chapters in a separate notebook:
 - Units and Measurement
 - Motion in a straight line
- Written work of practical files to be completed as directed in the class.
- Make an investigatory project on any concept of Physics (as discussed in the class). Record your investigations and report in a project file.

Answer the following questions

- The physical quantities not having the same dimensions are
 - torque and work
 - momentum and Planck's constant
 - stress and Young's modulus
 - speed and velocity
- If the unit of force is 1 kilonewton, the length is 1 km and time 100 s, what will be the unit of mass?
 - 1000 kg
 - 1 kg
 - 10000 kg
 - 100 kg
- In the equation $P = ax^2 + bt$, where P, x and t are pressure, distance and time, respectively and a and b are constant. The dimensions of a/b are
 - $[L^{-2}T^{-1}]$
 - $[LT^{-2}]$
 - $[L^2T^{-1}]$
 - $[L^{-2}T]$
- If $t = \sqrt{x + 4}$, then $(dx/dt)_{t=4}$ is
 - 4
 - zero
 - 8
 - 16
- The position coordinate of a moving particle is given by $x = 6 + 18t + 9t^2$ (x in metres and t in seconds). What is its velocity at $t = 2s$?
 - 54
 - 36
 - 72
 - 42

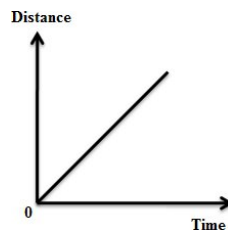
Directions: Each of these questions contain two statements, Assertion and Reason. Each of these questions also has four alternative choices, only one of which is the correct answer. You have to select one of the codes (a), (b), (c) and (d) given below.

- Assertion is correct, reason is correct; reason is a correct explanation for assertion.
 - Assertion is correct, reason is correct; reason is not a correct explanation for assertion
 - Assertion is correct, reason is incorrect
 - Assertion and reason are incorrect.
- Assertion (A):** If two physical quantities have the same dimensions, they can be added or subtracted.
Reason (R): If dimensions of two quantities are the same, they must be the same physical quantity.
 - Assertion (A):** When we change the unit of measurement of a quantity, its numerical value changes.
Reason (R): Smaller the unit of measurement smaller is its numerical value.
 - Assertion:** For one dimensional motion the angle between acceleration and velocity must be zero.
Reason: One dimensional motion is always on a straight line.
 - Assertion :** Position-time graph of a stationary object is a straight line parallel to time axis.
Reason : For a stationary object, position does not change with time.
 - Assertion:** The average and instantaneous velocities have same value in a uniform motion.

Reason: In uniform motion, the velocity of an object increases uniformly.

Answer the following questions

1. The velocity – time relation of an electron starting from rest is given by $v=kt$, where $k = 2$ m/s. Calculate the distance traversed in 3 s.
2. Find the value of 60 J per minute on a system that has 100g, 100 cm and 1 min as the units, by the method of dimensions.
3. If the unit of force is 1 kN, unit of length 1 km and the unit of time is 100 s, what will be the unit of mass?
4. The period of vibration of tuning fork depends on the length l of its prongs, density d and Young's modulus Y of its material. Deduce an expression for the period of vibration on the basis of dimensions.
5. On a 60 km track, a train travels the first 30 km with a uniform speed of 30 km/h. How fast must the train travel the next 30 km so as to average 40 km/h for the entire trip?
6. A vernier callipers has 1 mm marks on the main scale. It has 20 equal divisions on the Vernier scale which match with 16 main scale divisions. Find the least count of the instrument.
7. The mass of a body is 275.32 g and its volume is 36.41 cm^3 . Express its density upto appropriate significant figures.
8. A ball hits a wall with a velocity of 45 m/s and rebounds with the same velocity. What is the change in its velocity?
9. What is the nature of position time graph for a uniform motion?
10. Displacement-time graph of any object is shown in the fig. below. Draw v-t graph for this motion.



12. Slime mould is known as naked fungi.
 (a) Cell membrane absent (b) Cell wall absent (c) Cell wall and cell membrane absent
 (d) Never naked
13. Dinoflagellates are called fire algae due to which character:-
 (a) They appear like fire due to pigments (b) They produce fire due to friction
 (c) They occur on burnt places (d) They show bioluminescence
14. Polluted water bodies have usually very high abundance of plants like Nostoc and Oscillatoria. Give reasons.
15. Give scientific name of species of fungus:
 (a) Produces a plant disease.
 (b) Is edible
 (c) A source of antibiotic
 (d) Used in the manufacture of ethanol.
- Q16. Suppose you accidentally find an old preserved permanent slide without a label. In your effort to identify it, you place the slide under microscope and observe the following features:
 a. Unicellular ‘
 b. Well defined nucleus
 c. Biflagellate—one flagellum lying longitudinally and the other transversely.
 What would you identify it as? Can you name the kingdom it belongs to?
- Q17. How is the five-kingdom classification advantageous over the two kingdom classification?
- Q18. The common name of pea is simpler than its botanical (scientific) name *Pisum sativum*. Why then is the simpler common name not used instead of the complex scientific/botanical name in biology?
- Q19. Diatoms are also called as ‘pearls of ocean’, why? What is diatomaceous earth?
- Q20. Neurospora—an ascomycetes fungus has been used as a biological tool to understand the mechanism of plant genetics much in the same way as *Drosophila* has been used to study animal genetics. What makes Neurospora so important as a genetic tool?
- Q21. A scientist has come across a plant which he feels is a new species. How will he go about its identification, classification and nomenclature? .

Q22. CASE BASED QUESTION

A group of students visited a dairy farm and observed that the farmer collected cow dung and fed it into a sealed chamber connected to a gas pipe. The gas produced was used for cooking. The farmer explained that tiny organisms living inside the cow's digestive system are responsible for breaking down organic matter and releasing the gas. Back in class, their teacher told them that these organisms belong to a group of bacteria that are considered among the most ancient life forms on Earth. They differ from other bacteria in having a unique cell wall structure. This feature is responsible for their survival in harsh, anaerobic conditions. The same group of organisms is also found in hot springs and highly salty environments around the world.

- (a) Name the group of bacteria described in the passage and identify the specific type responsible for methane production in the cow's gut.
 (b) How does the cell wall structure of Archaeobacteria differ from that of Eubacteria, and why is this difference significant?

(c) Compare the three types of Archaeobacteria based on their habitat and metabolic strategy.

How does this diversity reflect the ecological significance of Kingdom Monera?

23.Direction (Q. Nos. i-v) Each of these questions contains two statements Assertion (A) and Reason (R). Each of these questions also has four alternative choices, any One of which is the correct answer. You have to select one of the codes (a), (b), (c) and (d) given below.

(a) Both A and R are true and R is the correct explanation of A

(b) Both A and R are true, but R is not the correct explanation of A

(c) A is true, but R is false

(d) A is false, but R is true

(i) Assertion: Outside a living cell, viruses have must crystalline statements.

Reason: Viroids have a protein coat.

(ii) TMV is a virus which causes Tobacco mosaic disease.

Reason: TMV has RNA as genetic material.

(iii) Cyanobacteria that are referred to as blue green algae are not "algae" anymore.

Reason (R): All unicellular prokaryotes are placed in kingdom Monera and algae are placed in kingdom Plantae

(iv) Assertion: Yeasts such as *Saccharomyces cerevisiae* are used in baking industry.

Reason: Carbon dioxide produced during fermentation causes bread dough to rise by thermal expansion.

(v) Assertion: Taxon and category are different things.

Reason: Category shows hierarchical classification.

Holiday Homework (2026-27)
Class XI
Subject: Computer Science

Python Project: “Student Attendance Management System”

Project Description

Create a simple Python program to manage the attendance of students in a class using:

- Procedural programming
- Input / Output statements
- Simple `if-else` conditions
- Simple loops (`for` and `while`)
- Lists

The project should be menu-driven and easy to understand for beginners.

Menu Options

```
===== Student Attendance Management =====
```

1. Add Student Names
2. Mark Attendance
3. Display Attendance Report
4. Count Present and Absent Students
5. Search Student Attendance
6. Exit

Project Tasks

1. Add Student Names

Requirements:

Accept names of students from the user.

- Store names in a list.

Example:

```
students = []
```

2. Mark Attendance

Requirements:

Ask attendance status:

- P for Present
- A for Absent
- Use loops to mark attendance for all students.

Example:

Rahul - P
Riya - A

3. Display Attendance Report

Requirements:

Display all student names with attendance status.

- Use loops for displaying records neatly.

4. Count Present and Absent Students

Requirements:

Count total present students.

- Count total absent students.
- Display total using counters and conditions.

5. Search Student Attendance

Requirements:

Input student name.

- Search whether the student is Present or Absent.
- Display message if student not found.

Concepts to be Used

Students must use:

- Variables
- Input/Output functions
- Lists (Explore it)
- Simple loops:
 - for
 - while
- Conditional statements:
 - if
 - if-else
- Simple menu-driven program

Sample Output

```
===== Student Attendance Management =====
```

1. Add Student Names
2. Mark Attendance
3. Display Attendance Report
4. Count Present and Absent Students
5. Search Student Attendance
6. Exit

Enter Choice: 1

Enter number of students: 3

Enter Student Name: Aman

Enter Student Name: Riya

Enter Student Name: Kunal

Students Added Successfully!

Extension Ideas (Optional)

Students may additionally:

- Calculate attendance percentage
- Display class attendance summary
- Add section/class information
- Display students who are absent only

Submission Format

Students must submit:

1. Python Program File

.py file

2. Project Report including:

- Objective
- Code screenshots
- Sample input/output

3. Cover Page including:

- Student Name
- Roll Number
- Class & Section
- School Name
- Subject
- Session (2026–27)
- Project Title

Note

- Use meaningful variable names.
- Program output should be neatly formatted.

Holiday Homework (2026–27)

Class XI

Subject: Accountancy (055)

General Instructions:

i) The holiday homework consists of activities, short answer questions, and long answer questions. ii) Students must complete the work neatly in their Accountancy register.

Chapter: Introduction to Accounting Short

Answer Questions:

1. Define accounting as a process.
2. Explain why accounting is called the 'language of business'.
3. Differentiate between Accounting and Book-keeping.
4. State any two objectives of accounting.
5. Why are personal events not recorded in accounting books? **Chapter:**

Basic Accounting Terms

Short Answer Questions:

1. Rohan sold 15 laptops costing ₹25,000 each at ₹35,000 each. He received ₹3,00,000 in cash and the rest on credit. Calculate total revenue.
2. Mohan owed ₹80,000 to Ram but paid only ₹20,000 due to financial difficulty. What is the term for the remaining unpaid amount? Explain.
3. A company purchased a machine for manufacturing and another for resale. Classify both as goods or assets.

Long Answer Question:

1. Mr. Suresh started a business with ₹10,00,000. He used ₹5,00,000 to purchase goods, ₹1,00,000 for furniture, and deposited the remaining in the bank. He made the following transactions:
 - Sold goods for ₹4,00,000 (cash)
 - Sold goods for ₹2,00,000 (credit to Mr. Arjun)
 - Purchased goods from Mr. Ravi for ₹3,00,000 (credit)
 - Fire destroyed stock worth ₹1,50,000
 - Sold goods costing ₹1,00,000 for ₹1,20,000
 - Expenses paid ₹20,000
 - Withdrew ₹30,000 for personal use

Answer the following:

- (i) What is the initial capital?
- (ii) Name the fixed assets purchased.

- (iii) Total purchases are.....
- (iv) Identify the creditor and the amount payable.
- (v) Identify the debtor and amount receivable.
- (vi) Total expenses incurred are.....
- (vii) Amount withdrawn for personal use is

Chapter: Theory Base of Accounting

Short Answer Questions:

1. Which accounting concept states that the business and owner are separate? Explain.
2. A firm lost its major customer. Should it be disclosed in financial statements? Give a reason.

Long Answer Questions:

1. Explain the concept that money is used as a standard measurement in accounting.
2. Explain the Matching Principle with an example.
3. Why is the Going Concern Assumption important?
4. Why are assets recorded at cost and not at market value?
5. Identify and explain the accounting principles:
 - a) Assets are recorded at purchase price, not market price.
 - b) The skill of management is not shown in financial statements.

Chapter: Accounting Equation

Short Answer Questions:

1. If ₹980 is received from a debtor in full settlement of ₹1,000, what is the effect on the accounting equation?
2. Capital = ₹2,00,000 and Liabilities = ₹50,000. Find total assets.
3. Assets = ₹3,00,000 and Capital = ₹2,20,000. Find liabilities.
4. Aman started a business with ₹4,00,000. At year end, assets = ₹6,00,000 and liabilities = ₹1,50,000. Find profit.
5. Ravi started with ₹6,00,000 and borrowed ₹2,00,000. Total assets at the end are ₹9,00,000. Find profit.

Long Answer Questions:

1. Prepare Accounting Equation: (i) Started business with ₹50,000
 - (ii) Bought furniture for ₹5,000
 - (iii) Paid wages ₹1,000
 - (iv) Purchased goods on credit ₹10,000
 - (v) Sold goods costing ₹6,000 for ₹12,000 (cash)

2. Show the Accounting Equation for the following:
- (i) Started business ₹80,000 (ii) Paid insurance in advance ₹2,000
 - (iii) Purchased goods ₹20,000 (cash) and ₹10,000 (credit)
 - (iv) Sold goods costing ₹15,000 for ₹25,000 (v) Paid salary ₹3,000 (₹500 outstanding) (vi) Withdrawn ₹5,000 for personal use.

3. Prepare Accounting Equation.

- (i) Started business with ₹2,00,000
- (ii) Purchased furniture ₹20,000
- (iii) Bought goods ₹80,000 (cash)
- (iv) Bought goods ₹50,000 (credit)
- (v) Sold goods costing ₹70,000 for ₹1,00,000
- (vi) Paid rent ₹5,000 and salary ₹10,000
- (vii) Earned commission ₹2,000
- (viii) Withdrew ₹10,000

4. Prepare Accounting Equation: (i) Started with ₹3,00,000
- (ii) Purchased goods ₹1,00,000 (cash) and ₹1,50,000 (credit) (iii) Sold goods at 25% profit (cost ₹80,000 cash, ₹60,000 credit) (iv) Paid rent ₹8,000

Activity Section

Activity 1: Real-Life Bill Analysis

Instructions:

- Collect 5 **real bills/invoices** (grocery, online shopping, restaurant, etc.)
- Paste them in a notebook

For each bill:

- Identify:
 - Revenue ○
 - Expense ○
 - GST (if any) ○
 - Assets involved

Then:

- Classify items into accounting terms
- Write a short explanation of each

OR

Activity 2: Creative Accounting Wheel (On A4 Sheet)

Design a **circular diagram (wheel)** showing:

- Accounting principles
- Basic terms ■ Their relationships

Each section should include:

- Term/Principle
- Short explanation
- Example

Holiday Homework (2026-27)
Class: XI
Subject: Business Studies (054)

Instructions:

- i. The assignment is divided into two parts.
- ii. Part A contains a set of questions to be attempted in the Business Studies class register.
- iii. Part B consists of a compulsory art integrated activity to be completed by each student during the vacation.

PART-A

- Q1. Mr. Kunal is a farmer producing 20 quintals of wheat for his own consumption and 2,000 quintals for sale. Will it be considered a business? Also, explain the characteristic of the business that is being stressed upon in the said example.
- Q2. Manpreet joined her father's business. She received a salary every month. Her elder brother is an established lawyer and helps his father whenever needed. Their mother is a housewife and supervises her work. She gets pocket money from her husband. Name the economic activities in which Manpreet, her father, her mother, and her brother are engaged in and distinguish them based on (i) Reward (ii) Risk.
- Q3. Baggit Ltd. told its accountants to manipulate the accounts of the company in order to evade tax. Identify and explain the objective of the business being violated in the above statement.
- Q4. Pooja cooks food at home. She takes the food to the street for sale. On the way, she finds a few poor, hungry children. She gives some food to them and sells the rest. Explain how the two activities differ from each other.
- Q5. Draw a flowchart depicting the various types of business activities.
- Q6. A housewife exchanges old clothes for utensils on a regular basis. Is it a business activity? Why?
- Q7. Briefly explain the types of Primary and Secondary industries with the help of suitable examples.
- Q8. Explain the term 'business risk'. Distinguish between speculative and pure risks.
- Q9. 'Profit earning is the primary motive of business.' Justify the statement with reasons.
- Q10. Differentiate between Import, Export, and Entrepot.
- Q11. 'One man control is the best in the world if that man is big enough to manage everything.' Explain the statement by giving any five reasons.
- Q12. Explain the terms 'Limited Liability Partnership' and 'Partner by Holding out'.
- Q13. Ms. Neena is running a ladies' footwear store. As she has no business partners in the shop, she appoints two more ladies to assist her in trading activities at a salary of `8,000/- month.
- a. Which form of business organisation is reflected in the above para?
 - b. State any three features and any two demerits of this form of business organisation.

Q14. If registration is optional, why do partnership firms willingly go through this legal formality and get themselves registered? Explain.

Q15. Explain the procedure of registration of a partnership firm. What are the consequences of non-registration? The business assets of an organization amount to ₹50,000, but the debts that remain unpaid are ₹80,000. What course of action can the creditors take if:

- a) The organisation is a sole proprietorship firm?
- b) The organisation is a partnership firm with Anthony and Akbar as partners? Which of the two partners can the creditors approach for repayment of debt? Explain, giving reasons.

Q16. A group of 10 friends decided to form a co-operative society in a remote village of Madhya Pradesh so that they could help the poor villagers by lending them loans at a low rate of interest and make them free from the clutches of local and small money lenders. Identify the type of cooperative society and state its two major functions. What values are highlighted in forming such co-operative societies?

Q17. Jaskaran operates a textile business. He lives in a joint family and has a lot of ancestral property. All 15 family members are a part of this business. He is the eldest male member in the family, so he handles the business. He is liable to all the creditors of the business as he is the decision-maker. Jaskaran's grandson was just born a few days ago, and he is also a member of the business.

- a. Which form of business is being highlighted above?
- b. Identify and explain the features of the form of business that are discussed above.

Q18. Identify the type of partner highlighted in the following statements:

- i. This partner takes an active part in carrying out the business of the firm.
- ii. His connection with the firm is not disclosed to the general public.
- iii. He gives an impression of his being a partner to others by his word or conduct.
- iv. This partner does not take an active part in the day-to-day activities of the business.

Q19. Every day, Amul collects milk from 2.12 million farmers (many illiterate) and converts the milk into branded packaged products and delivers goods all over the country. The story of Amul started in Dec, 1946 when a group of farmers struggled to free themselves from intermediaries, gain access to the market, and thereby ensure maximum returns for their efforts.

- (a) From the above information, identify the form of business organisation used by Amul.
- (b) Also explain briefly the various types of the above-mentioned form of business organization.

PART-B

Activity Title: 'The Founders' Pact'

Objective: To understand the essential contents of a Partnership Deed and the importance of written agreements in preventing future disputes.

The Setup

1. The Scenario: Each team is starting a venture of their choice
2. The Goal: They must negotiate and draft a formal Partnership Deed that will govern their business relationship for the next 5 years.

Step 1: The Negotiation Phase

Before writing, the partners must discuss and reach a consensus on the following 'Conflict Points.'

- Capital Contribution:
- Profit/Loss Sharing:
- Salary and Commission:
- Interest on Capital/Drawings:

Step 2: Drafting the Document

Using a standard legal format, students must now draft their document. They should include the following clauses:

Clause Category	Specific Details to Include
Basic Identity	Name of the firm, nature of business, and principal place of business.
Financials	Amount of capital by each partner, profit-sharing ratio, and interest rates.
Operations	Duties and powers of partners, and who has the authority to sign bank cheques.
Exit Strategy	Rules for the admission of a new partner or the retirement/death of an existing one.
Dispute Resolution	How will they solve a fight? (e.g., through an Arbitrator or by a majority vote).

Step 3: The 'Stress Test'

Once the deeds are "signed, each group has to see if their deed can solve the given dispute scenario.

- *Scenario A:* Partner X wants to withdraw ₹5,00,000 for a personal emergency, but the firm has a big bill to pay next week. What does your deed say about drawings?
- *Scenario B:* Partner Y has stopped coming to work but still expects an equal share of the profits. Is there a clause for 'Salary' or 'Active participation'?

Note: Students have to create a PPT and present step 2 and step 3 of the activity.

Holiday Homework (2026-27)

Class: XI

Subject-Economics (030)

Part A: Introductory Microeconomics and Statistics

(The following questions have to be done in your respective economics notebook.)

Choose the correct option (1 mark each)

1. Aman wants to analyse the market condition of sugar industry. This is a subject matter of ___

- a) Microeconomics
- b) Macroeconomics
- c) Both of the above
- d) None of the above

2. Which of the following is an economic activity?

- a) Political activity
- b) Consumption activity
- c) Social activity
- d) None of the above

3. Choose the correct sequence of steps of statistical tools

- a) Collection, presentation, organization, analysis, and interpretation of data.
- b) Collection, organization, presentation, analysis, and interpretation of data.
- c) Organization, collection, analysis, presentation, and interpretation of data.
- d) Presentation, interpretation, organization, analysis, and collection of data.

4. According to the recent stock market report, SRTS's stock has fallen by -2.53% in the past week, with a monthly rise of 2.67% and a quarterly rise of 7.32%. The volatility ratio for the week is 5.61%, while the volatility levels for the last 30 days are 8.64%. The simple moving average for the past 20 days is -3.52% for SRTS's stock, with a -41.95% simple moving average for the past 200 days.

The above trends indicate a further fall in the company's price.

Identify the function of statistics being performed in the above report.

- a) Facilitate comparison
- b) Simplify complex data
- c) Helps in forecasting
- d) Helps in verification of laws

5. A Production Possibility Curve will be a ____ curve if all the available resources are equally efficient in production of both the goods.

- a) Straight line
- b) Convex
- c) Concave
- d) Upward sloping

6. The Central problem arises in ___

- a) Capitalist economy
- b) Socialist economy
- b) Mixed economy
- d) All of the above

Answer the following questions briefly: (3marks each)

1. An economy produces two goods –wheat and rice. The following table summarises its production possibilities. Calculate the marginal opportunity cost of rice at various combinations.

Wheat(Tonnes)	9000	8000	6800	5200	3400	1000
---------------	------	------	------	------	------	------

Rice (Tonnes)	-	100	200	300	400	500
---------------	---	-----	-----	-----	-----	-----

2. Why does an economic problem arise?
3. Production in an economy is below its potential due to unemployment. The government starts employment generation schemes. Explain its effect using the production possibility curve.
4. What is the opportunity cost of opting for higher studies rather than doing a job?
5. What does the problem 'for whom to produce' refer to?
6. Distinguish between microeconomics and macroeconomics.
7. Distinguish between positive economics and normative economics.
8. A consumer is consuming two goods x and good y, such that he has achieved equilibrium. Suppose the price of good y falls in the market. Explain how the consumer will behave to return to the state of equilibrium?
9. As per the statistical reports, the agriculture sector employs about 313 million main workers in the country, followed by the secondary sector, which employs about 42 million (13.4%). There are 31.1 million workers (10%) in the services sector, mainly in banking, IT, healthcare, hospitality, tourism, etc. This shows that the distribution of main workers by industrial category is the largest in the agriculture sector. The Ministry of Tourism has come up with the policy of 'Hunar se Rozgar Tak' recently, to increase employment in the service sector. The above paragraph highlights three functions of statistics. Identify and explain the three points.

Part B: Art activity

(The students may choose any one of the following options)

1. Identify any food item that you really like to consume. Show through visuals how your total utility varies as you consume more and more units of the commodity. Present it through a diagram also. (A3 sheet)
2. Collect at least 5 diagrams/ graphs that you find in any news item in the newspaper. Paste them on an A4 sheet, and also mention what is being depicted in them.
3. Bollywood and sports are two fields in which youngsters take a keen interest. Choose any one of them and show how it impacts the economy.

Part C: Project

Format for presentation of the Project

- a. External cover page
- b. Acknowledgement
- c. Preface
- d. Index (with page numbers)
- e. Introduction to the topic
- f. Historical Perspective
- g. Details of the topic (causes, consequences/remedies)
- h. Diagrammatic explanation (if any)
- i. Numerical explanation (if any)
- j. Pros and Cons of the economic event/happening (if any)

- k. Application of the concept
- l. Impact on the Indian Economy
- m. Newspaper articles
- n. Students' own views/perception/opinion and learning from the topic
- o. Feedback Sheet
- p. Citation of the materials referred to, in the file in footnotes, resources section, bibliography, etc.

Mode of presentation of the Project

- a. Students must strive to present the ideas innovatively. The content should be well-explained by integrating art and technology.
- b. The project must be neat and well-presented and must be completely handwritten. No whiteners to be used or written matter to be crossed out. In case of any mistakes, redo the sheet.
- c. Project should be of 3,500-4,000 words, i.e., about 30-35 pages. (excluding diagrams and graphs).
- d. The cover page, certificate of authenticity, and feedback sheet shall be mailed to you, and their printouts will be used.
- e. The project concepts need to be supplemented by newspaper articles pasted on the blank side of the paper with the relevant information written on the adjacent page.
- f. The presentation can be supported by newsletters, charts, brochures, quotes, cards, collage, mind maps, etc.
- g. It has to be an independent, self-directed piece of study.

Marking Scheme

1. Relevance of the topic	3 marks
2. Knowledge Content/Research Work	6 marks
3. Presentation Technique	3 marks
4. Viva-voce	8 marks
Total	20 marks

Suggested Topics

1. Trade wars and their implications
2. Agriculture in India
3. Infrastructure and its role in development
4. Inflation-causes and consequences
5. Shift towards a cashless economy
6. Aviation industry in India
7. Sustainable development - need of the hour
8. Education in India: Changes and Implications
9. Impact of sports on the Indian economy
10. Stock prices and their impact on the economy
11. Human Resource Development
12. Iran-Israel war and its Economic Consequences

- 13 Bangladesh - the next Asian tiger
14. Food Security/ Food wastage and its implications
15. Organic Farming-Rising trend
16. Waste Management and its importance
17. Rainwater harvesting - its importance
18. Alternative fuels for sustainable development
19. Impact of Government schemes on the Indian economy
20. Kisan Credit Card and Rural Credit
21. Digital India - the way ahead
22. Entertainment Industry and Indian Economy
23. Small businesses- Pre and Post Covid Period
24. Food Processing Industry in India.
25. Information Technology and Its Role in India's Economic Development
26. Role of NBFCs in economic development.
27. G20 Inclusive and Action-Oriented
28. Impact of international war situation on the global economy
29. Collapse of Sri Lanka's economy
30. Economic Crisis in Pakistan
31. Effect on Equilibrium Prices in Local Market (taking a real-life situation or recent news)
32. Effect on PPC due to various government policies
33. Invisible Hand (Adam Smith)
34. Opportunity Cost as an Economic Tool (taking real-life situations)
35. Effect of Price Change on a Substitute Good (taking prices from real life, visiting the local market)
36. Effect of Price Change on a Complementary Good (taking prices from real life, visiting the local market)
37. Solar Energy, a Cost-Effective Comparison with Conventional Energy Sources
38. Bumper Production- Boon or Bane for the Farmer
39. Amrit Kaal: Empowered and Inclusive Economy
40. Comparative Study of Economies (Maximum three economies)
41. Golden Quadrilateral- Cost ratio benefit
42. Disinvestment policy of the government

Holiday Homework (2026-27)
Class: XI
Subject: Legal Studies (074)

PROJECT GUIDELINES for Class XI

OBJECTIVES OF THE PROJECT: The project work aims to enable students to:

- identify a legal problem and provide its remedy
- select relevant legal sources and conduct research
- analyze and distinguish between types of cases
- apply case laws and relevant statutory laws

Students can opt for any ONE Project from the three topics given below:

Topic 1: Students can prepare a research project addressing legal issues related to any topic from the textbook or around them that needs immediate redressal.

Some suggested topics-

- Uniform Civil Code
- Law reforms in India
- Juvenile Justice
- Death Penalty

OR

Topic 2- Students can conduct research and draft a report on any recent legislation/ amendment that brought about a social change, for example: Consumer Protection Act, Information Technology Act, Right to Information Act etc.

To conduct research students can examine the conditions that give rise to need for law reform; the agencies of reform; mechanism of reform; assess the effectiveness of law reform in achieving just outcomes with regards to the issue.

METHODOLOGY FOR TOPICS 1 & 2:

The project file should be at least 15 pages.

Steps: -

- Choose a topic
- Gather information from various sources
- Write a statement of purpose of the project
- Support it with research evidence
- Presentation of project should include headings
- List the sources

OR

Topic 3- Understanding the important elements of 'JUDICIAL DECISION'

OBJECTIVES-

The project work aims to enable students to:

- identify a legal problem and provide its remedy
- select relevant legal sources and conduct research

- analyse and distinguish between types of cases
- apply case laws and relevant statutory laws
- understand parts of a judicial decision

METHODOLOGY FOR TOPIC 3:

1. The student is required to select any 5 decided cases where in one case is of criminal nature, one is of civil nature, one is constitutional, one is related to international law and one is of student's choice (PIL).
2. The research on the cases must include the following points:
 - a. Name of the case
 - b. Parties to the case
 - c. Nature of the case (Civil, Criminal or Constitutional)
 - d. Facts of the case and issues involved
 - e. Decision of the case
 - f. Citation of the case

RUBRICS FOR ASSESSMENT FOR ALL TOPICS

1. Preparation and presentation of file- 5 marks
2. Research work-5 marks
3. Understanding and application of legal concept- 5 marks
4. Viva- 5 marks

Holiday Homework (2026-27)
Class : XI
Subject: Informatics Practices (065)

Section A: Introduction to Computer System

Q1. Answer the following questions:

1. Define a computer system.
2. Differentiate between hardware and software.
3. What are input and output devices? Give two examples of each.
4. Explain the following memory units:
 - o Bit
 - o Byte
 - o Kilobyte
 - o Megabyte
5. Differentiate between Primary Memory and Secondary Memory.
6. Write any four characteristics of a computer.
7. What is the function of CPU?
8. Differentiate between RAM and ROM.
9. Define the following terms :
 - a) Data Capturing
 - b) Data Storage
 - c) Data Retrieval
10. What are storage devices? Name any four.

Q2. Memory Conversion Exercises

Convert the following:

1. 5 KB = _____ Bytes
2. 2 MB = _____ KB
3. 1 GB = _____ MB
4. 4096 Bytes = _____ KB
5. 3 TB = _____ GB

Section B: Introduction to Python

Q3. Fill in the Blanks

1. Python is a _____ level programming language.
2. A variable is used to store _____.
3. if is a _____ in Python.
4. Python programs can run in _____ and _____ mode.
5. The symbol used for exponent operator is _____.

Q4. Multiple Choice Questions

1. Which of the following is a valid identifier?
 - a) 2name
 - b) student_name
 - c) class
 - d) @value
2. Which operator is used for division?
 - a) %
 - b) //
 - c) /
 - d) **
3. Which statement is used for decision making?
 - a) print
 - b) input
 - c) if
 - d) type
4. Which loop is used when the number of iterations is known?
 - a) if
 - b) for
 - c) else
 - d) input

Section C: Practical Programs

Q5. Write Python Programs for the following:

Basic Input/Output Programs

1. Write a program to print your name, class, and school name.
2. Write a program to input two numbers and print their sum.
3. Write a program to find the area of a rectangle.
4. Write a program to calculate the square and cube of a number.
5. Write a program to swap two numbers.

Programs Using Operators

6. Write a program to calculate Simple Interest.
7. Write a program to calculate the average of three numbers.
8. Write a program to perform all arithmetic operations on two numbers.
9. Write a program to calculate the remainder using modulus operator.
10. Write a program to convert temperature from Celsius to Fahrenheit.

Programs Using Conditional Statements

11. Write a program to check whether a number is even or odd.
12. Write a program to check whether a person is eligible to vote.
13. Write a program to find the greater of two numbers.
14. Write a program to check whether a number is positive, negative, or zero.
15. Write a program to check whether a year is a leap year or not.

Loop-Based Programs

16. Write a program to print numbers from 1 to 10 using a loop.
17. Write a program to print the multiplication table of a number.
18. Write a program to find the sum of first 10 natural numbers.
19. Write a program to print all even numbers between 1 and 50.
20. Write a program to count from 10 to 1 using a loop.

Section D : Project Work

Mini Project: “Student Report Card”

Create a Python program that:

- Takes student name and marks of 3 subjects as input
- Calculates total and percentage
- Displays pass/fail using if-else
- Uses loops wherever possible

Note:

Complete Section A and B in the notebook.

Section C and D should be done on the computer system and submitted as a hard copy along with the program and its output.

Holiday Homework (2026-27)

Class : XI

Subject: Fashion Studies (837)

PROJECT: - 1

The label of most brands and designer labels bear their names. The stature and reputation of the Label are associated with high prices attributed to design exclusivity, the craftsmanship of fabric, embroidery, garment construction and quality of finish. (The *Pret- a porter* (pret) label or Ready to wear (RTW) label of a designer.

- Identify any one Indian designer who has both a main label and pret label.
- Refer to fashion magazines or internet to find pictures of designs under the respective labels.
- How are the main label and pret label differentiated from each other?

PROJECT: - 2

The Pendulum Swing refers to the periodic movement of fashion which gathers momentum as it swings from one extremely to another. This helps an organization with business foresight to plan its range of clothing for the next season.

- Identify any one item of clothing (jeans, skirt, kurta etc.)
- Find pictures of design variation of this garment.
- Identify the design components that has undergone the pendulum swing.(e.g. length, width, flare etc.)

PROJECT: - 3

Collect the information of different kinds of sewing machines and identify various sewing machines from different brands. Note their prices, Co- relate the prices with functions that a machine can perform. Prepare a short report of about 6 to 8 pages.

PROJECT: - 4

List differences between industrial sewing machine and domestic sewing machine based on your collective information of different brands of sewing machines.

Holiday Homework (2026-27)
Class: XI
Subject: Sociology (039)

PART 1:

The Sociology paper (code 039) in class XI examination will consist of 80 marks in Theory and 20 marks in Practical Project.

PRACTICAL PROJECT WORK

Prepare a Project File on any topic from the syllabus. It must be an individual and original work.

Key Instructions to be Followed:

- The project should be made on A4 size plain sheets, and should be compiled in a neatly bound ring folder.
- No use of glitter/sequence.
- Project file should contain at least 35-40 sheets.
- Supplement your project using pictorial images, graphs, maps, political cartoons, pie-charts, flow-charts and newspaper clippings pertaining to your topic.
- Comparative study – the project should be interdisciplinary.

Possible Topics provided in the NCERT textbook:

1. Public Transport
2. Role of Communication and Media in Social Life
3. Household Appliances and Domestic Work
4. The Use of Public Space
5. Changing Aspirations of Different Age Groups
6. The 'Biography' of a Commodity

Other Potential Topics:

7. Unorganized and Informal Labour Force in India: Legal Issues and Social Concerns (such as construction workers, factory workers, mine workers, and the like).
8. Caste in 21st Century India
9. The Practice of Untouchability
10. Female Feticide and Infanticide in India
11. Communalism and Secularism (Global level/Indian level)
12. Drug Abuse by Youth
13. Honor Killings
14. Gender Inequality/Discrimination
15. Racism
16. Family, Marriage and Kinship
17. Gender and Society

Methods used to accomplish the Project:

- Observation
- Survey/Questionnaire
- Archival data
- Interviews

Format for Project:

1. Introduction: Research Theme
2. Statement of Purpose
3. Research Question
4. Sociological Relevance: Secondary Research Review
[Internet + Books and Newspapers + Journals]
5. Choice of Research Method:
 - a.) Survey – Advantages and Disadvantages
 - b.) Questionnaire – Advantages and Disadvantages
6. Primary Research: Detailed Procedure of Implementation
 - Time Frame
 - Sample Size
7. Analysis of the Data
8. Limitations of the Research
9. Conclusion

Marks Break-up (as per CBSE):

Project: 15 Marks

Viva: 5 Marks

PART 2:

- The following are Activity-based questions.
- You may use the help of your textbook, newspaper and magazine articles, as well as the internet to creatively answer each.

Q1. What kinds of jobs are considered prestigious in your society? Compare your thoughts with family and friends. Discuss the similarities and differences. Try and understand the causes for the same.

Q2. Find out the experience of immigrants in other countries. Are their stories similar to those of migrants in India?

Q3. Find out a name that is relevant under each heading:

Caste	An anti-caste movement	A caste based political party
Class	A class-based movement	A class based political party
Women	A women's movement	A women's organization
Tribe	A tribal movement	A tribes based political party
Villagers	An environmental movement	An environmental organization

Discuss whether they were all social groups to start with and if some were not, then at what point can one apply the term social group to them, using the term as sociologically understood.

Q4. Collect information of events that show the growth of global inter-connectedness as well as divisions along ethnic, religious and national conflicts. Discuss how politics and economics may have a part to play in them.

Q5. Find out when women got voting rights in different countries. Why do you think that despite the right to vote and the right to stand for public office, women are so inadequately represented? Does the existing division of labour within families and households impact women's participation in political life?

Holiday Homework (2026-27)

Class: XI

Subject: Psychology (037)

I. PSYCHOLOGISTS AND THEIR CONTRIBUTIONS

Collect information about 15 psychologists whose contributions have significantly influenced the field of psychology. What are their key theories and experiments that have shaped our understanding of human behavior and mental processes? Prepare a creative and informative A4-size project file summarizing their impactful work.

II. COLLAGE

Use an A3 size sheet to make a handmade poster which represents psychological concepts in diverse formats, fostering creative and critical thinking skills. It should combine textual information and visual elements to enhance the understanding of psychological concepts.

Hints:

- How social media depicts mental health vs what it actually is. #breakthestigma
- Psychological disorders- incorporating images, quotes, symbols associated with conditions such as anxiety, depression, schizophrenia, etc.
- Dreams and symbols- explore the realms of dreams and symbols, incorporate images related to dream interpretation, Freudian symbolism, unconscious mind.
- Timeline of evolution of Psychology.
- Colours and emotions: represent different emotions using images, colours, textures to convey feelings such as happiness, anger, fear.

III. INTERNSHIP

All the students who have registered themselves for the Fortis healthcare online internship programme should write a report on the internship and its learnings. It has to be attached in the project file.

Order of the project –

- Cover page
- Acknowledgement
- Index
- Psychologists and their contributions
- Report on internship
- Bibliography

Points to keep in mind:

- Paste pictures wherever required.
- Use A4 size sheets (20-25 pages)

Answer the following questions.

Chapter -1
WHAT IS PSYCHOLOGY?

1. Define psychology.
2. What do you understand by mental processes?
3. How can you define human behavior as function of the attributes of a person and environment?
4. What kind of behavior do we study in psychology?
5. Which branch of psychology do you like the most and why? (Try to find out any interesting/latest research done in this field.)
6. Name the psychologists associated with the following concepts:
 - a. Structuralism
 - b. Functionalism
 - c. Gestalt psychology
 - d. Behaviourism
 - e. Psychoanalysis
 - f. Humanistic perspective
 - g. Introspection
7. What do you understand by constructivism?
8. What is the scope of environmental psychology?
9. Write short notes on –cognitive psychology and organizational psychology.
10. What were the goals of behaviourism? How are they different from those of Gestalt school of psychology?

Chapter - 2
METHODS OF ENQUIRY IN PSYCHOLOGY

1. What do you mean by objectivity?
2. Define hypothesis.
3. Differentiate between naturalistic and controlled observation.
4. Differentiate between dependent and independent variable.
5. What are the various types of relevant variables? How can they be controlled?
6. Differentiate between an interview and a questionnaire.
7. Critically evaluate the case study method.
8. Give advantages and limitations of observation method.
9. How do experimental and control group differ? Explain with the help of an example.
10. Give advantages and limitations of experimental method.
11. Explain correlational research.
12. Differentiate between quasi and experimental method.
13. Give advantages and limitations of questionnaire method.
14. Explain various important features of psychological tests.
15. What are the various limitations of psychological enquiry?
16. Discuss the ethical guidelines in conducting psychological enquiry.

Holiday Homework (2026-27)
Class: XI
Subject: Political Science (028)

Prepare a project file on any topic from the syllabus. It must be an individual work.

Key Instructions to be followed:

1. The project should be made on A4 size plain sheets and should be submitted in a neatly bound ring folder.
2. File cover should be either a cartoon or collage related to the topic
3. The Project file should contain at least 45 sheets.
4. A Model/PPT of 7-10 slides summarizing the project should also be made.
5. No use of glitter/Sequence tapes. Paper tapes can be used.
6. Define your project using Pictures, graphs, maps, cartoons and its interpretation, pie chart, flow chart, Timeline, newspaper clippings wherever possible. **(Mandatory)**
7. Comparative study – The project should be interdisciplinary.

Note: Your project can be supported with Role play, Skit, Presentation, Model, Field survey, Mock Drill/ Mock event, Interviews etc.

Project Layout:

1. Cover Page:
 - (a) Project details - Title
 - (b) Student Information – Name, Class, Section, Board Roll No.
 - (c) School
 - (d) Year
2. Certificate
3. Acknowledgement
4. Table of contents
5. Executive Summary – Not more than 150 words.
6. Relevant information, Objective, Present Information, Background
7. Cause, event, advantage/disadvantage, short term and long term implications, relevance,
8. Summary and Conclusion
9. Appendix
 - (a) List of references
 - (b) Bibliography

Holiday Homework (2026-27)
Class: XI
Subject : Web Applications (803)

Q1. Design a short and attractive HTML webpage on a tourist destination of your choice.


Your webpage should include:

- A heading and subheading
- At least one paragraph about the place
- One image using the tag
- An ordered or unordered list showing attractions/foods/activities
- A table showing weather, best time to visit, or famous places
- Basic formatting using colors and background

Beauty of Sikkim

A Paradise in the Himalayas

Sikkim is a beautiful state in Northeast India famous for its mountains, monasteries, waterfalls, and pleasant climate. It is a perfect destination for nature lovers and adventure seekers.



Top Attractions

- Gangtok
- Tsomgo Lake
- Nathula Pass
- Yumthang Valley

Best Time to Visit

Season	Weather	Best For
Summer	Cool and Pleasant	Sightseeing
Winter	Cold and Snowy	Snow Lovers
Monsoon	Heavy Rainfall	Nature Views

Example: Weather and Climate of Sikkim, My Favorite Hill Station, Exploring Jaipur etc.

Q2. Create an HTML webpage for a fictional restaurant.

Your webpage should include:

- A main heading with the restaurant's name using heading tags
- A restaurant logo/image using the tag
- A navigation bar with hyperlinks for:
 - Home
 - Menu
 - About Us
 - Contact Us
- A short paragraph describing the restaurant and its cuisine
- A list of popular dishes using ordered or unordered lists

- A table showing menu items with price and category
- Background color and basic formatting

Q3. Create an HTML webpage for a musician showcasing their work.

Your webpage should include:

- A heading with the musician's name
- An image of the musician using the tag
- A biography section using semantic heading tags (<h1> to <h3>)
- A short paragraph about their musical journey
- An embedded audio player using the <audio> tag
- Hyperlinks to social media profiles
- A list of famous songs/albums
- A table showing album names and release years
- Attractive background color and text formatting

Q4. Create an HTML webpage for a sportsperson showcasing their achievements.

Your webpage should include:

- A heading with the player's name
- An image of the sportsperson using the tag
- A biography section using heading tags
- A short paragraph about their career journey
- Hyperlinks to official/social media profiles
- A list of major achievements or awards
- A table showing tournaments and winning years
- Attractive background color and text formatting

Q5. Write the answers for the following questions in notebook.

- What is computer networking?
- Write any two advantages and disadvantages of computer networking.
- Two students are sharing project files from one computer to another using a network connection. Explain the meaning of data communication in this context.
- Differentiate between:
 - Hub and Switch
 - Modem and Router
- What are some of the applications of internet?
- What are the five components of data sharing over a network?
- Differentiate between ordered lists and unordered lists in HTML. Explain their syntax with examples.
- Explain the use of images in HTML. Describe any four attributes of the tag with examples.
- What is the purpose of the <a> tag in HTML? Explain internal and external linking with examples.
- What are tables in HTML? Explain the purpose of the following tags with examples:
 - <table>
 - <tr>
 - <th>
 - <td>

Holiday Homework (2026-27)
Class: XI
Subject: Painting (Code No. 049)

To make your vacation creative and productive, you are assigned the following Holiday Homework for Painting. Complete all work neatly, creatively, and submit it on time.

A) THEORY WORK (REGISTER WORK)

Write detailed notes in your register on the following topics and paste relevant pictures/illustrations for each topic.

1. Visual Art, Performing Art and Literary Art
2. Dimensions, Line, Perspective and Proportion
3. Composition and Alignment
4. Traditional Art and Modern Art
5. Art and Culture (Six Limbs)
6. Origin and Development of Different Forms of Fine Arts in India

Each topic should include introduction, explanation, important points, and suitable photographs/images.

B) PRACTICAL WORK (A3 ART FILE)

Use suitable medium (Poster Colour / Water Colour / Acrylic / Pencil Shading / Mixed Media) and complete the following in your A3 Size Art File:

7. Still Life Drawing – Poster Colour and Pencil Shading
8. Landscape Drawing and Painting – Outdoor Study
9. Painting from Memory – Fully Coloured Composition

All artworks must be neatly presented, colour-completed, and show originality and creativity.

SUBMISSION INSTRUCTIONS

- Theory Work: Complete in Register with notes and photo pasting.
- Practical Work: Complete in A3 Size Art File with full colour work.
- Submit all homework on the first day after vacation.

Holiday Homework (2026-27)
Class -XI
Subject: Physical Education (048)

PRACTICAL FILE WORK- 2026

Total three practical to be done in practical file

1. Yoga as preventive measure for lifestyle diseases.
(Any two asana to be written for EACH lifestyle disease, including their procedure, benefits and contraindication)
2. SAI Khelo India Fitness Administration Test for school going children.
3. Labelled diagram of field & equipment History, Rules, Terminologies & Skills of any ONE game recognised by IOC (International Olympic Committee).
(Football, Volleyball, Kabaddi, Wrestling, Judo, Badminton, Table tennis, Basketball, etc)

ALL THE PRACTICALS MUST BE DONE IN THE SPECIFIED FILE FOR PHYSICAL EDUCATION CLASS XII ONLY.

<https://drive.google.com/file/d/11oqz7MYcDXmmuMVKPtKJc10m2-z8bcXS/view?usp=sharing>

FOR THE REFERENCE

Holiday Homework
Hindustani Vocal (034)
Class - XI

नीचे दिए गए विषयों पर एक प्रैक्टिकल फ़ाइल बनाएं:

A. वर्तमान समय के किसी भी शास्त्रीय गायन कलाकार की शैली का विश्लेषण करें।

B. राग भैरवी की रचनाओं का विवरण और स्वर-लिपि।

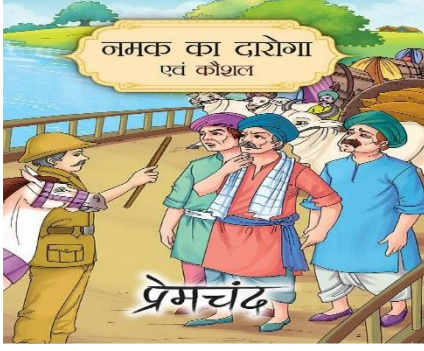
C. तीनताल का विवरण और लयकारियों के साथ ताल-लिपि।

ग्रीष्मावकाश गृहकार्य (2026-27)

कक्षा : ग्यारहवीं

विषय : हिंदी (302)

1.



1. 'नमक का दारोगा' पाठ के आधार पर बताइए कि यदि आप मुंशी वंशीधर होते, तो पंडित अलोपीदीन द्वारा किए जा रहे गैरकानूनी कार्य रोकने के लिए कौन से कदम उठाते? इस विषय पर एक रचनात्मक लेखन कीजिए।

2. "हँसी के पीछे सीख" -

- मियां नसीरुद्दीन पाठ की किसी एक घटना को **कॉमिक स्ट्रिप (6-8 बॉक्स)** में बनाएँ।
- हर बॉक्स में:
 - छोटा संवाद
 - चित्र
- अंत में लिखें: 👉 "इस घटना से क्या सीख मिलती है?"

(नोट- उपर्युक्त दोनों प्रश्न अपनी उत्तर-पुस्तिका में कीजिए।)