



C1 – SUMMER ASSIGNMENT 2026

Important: "The material in this assignment is an important part of your mid-term exam preparation. Be sure to complete all tasks thoughtfully and revise each topic in detail."



SUBMISSION INSTRUCTIONS

- Use loose leaves for all your assignments.
- Submit all completed work in a neat file cover with your **name, class, and section** clearly written.
- The assignments will be collected on **8th August 2026** between **8:00 a.m.** and **11:00 a.m.**
- Late submissions may affect your assessment.

GUIDELINES FOR STUDENTS



Dear Students,

Summer vacation is a wonderful opportunity to relax, explore new interests, and continue learning in enjoyable ways. You are expected to complete all assigned tasks with sincerity, creativity, and a strong sense of responsibility. Your work should reflect both your understanding and your effort.



HEALTHY DAILY ROUTINE



- Try to **wake up** and sleep according to your regular school timings every day.



- Plan your day wisely by balancing study, hobbies, exercise, family time, and rest.



- Maintain a **healthy lifestyle** to stay active and productive throughout the holidays.

DEVELOP THE HABIT OF READING



- Read for at least **30 minutes** every day.



- Choose books that interest you, whether fiction or non-fiction.



- Share interesting facts, ideas, or stories with family and friends.

USE TECHNOLOGY WISELY



- Limit unnecessary screen time.



- Avoid using electronic devices immediately before bedtime.



- Use technology mainly for learning, research, creativity, and meaningful communication.



PERSONAL GROWTH CHALLENGE



Choose one personal habit to improve during the summer, such as:



Better time management



Reading regularly



Waking up early



Helping at home



Staying organized



Exercising daily

At the end of the vacation, reflect on how this habit helped you grow as a person.

REMEMBER:

“ Success is the result of consistent effort, positive habits, and a love for learning. ”



Task 1: Digital Vocabulary Journal

[5]

- **Part 1: Create a Digital Vocabulary Journal using Canova / Google Slides / Flashcards.**

Instructions: Read the novel “The Curious Incident of the Dog in the Night-Time”

Requirements: Select 20 new/advanced words.

For each word include: Word, Meaning, Pronunciation, Synonym , One sentence

Submit hard copy.

- **Part 2 : Write a short analysis about:**

[8]

1. Character Development: How does the main character change?
2. Themes: What are the main ideas? (e.g. friendship, mystery, identity)
3. Tone: Is it funny, dark, emotional, or suspenseful?
4. Symbolism / Hidden Message: What deeper meanings do you notice?

- **Part 3 : Comprehension**

[5]

Instructions: Read the following texts from your English Language Course Book carefully and answer the questions that follow.

1. Text 2.5 (Pages 24–25)
2. Text 2.9 (Pages 35–36)

Guidelines: 1. Read each text carefully. 2. Answer all questions in complete sentences where required. 3. Use information from the text to support your answers. 4. Check your spelling, grammar, and punctuation before submitting your work.

Task 2: The Press & Opinion Analysis

[7]

Instructions:

1. **Hunt:** Select one opinion-based articles or “Letters to the Editor” from a reputable news source (such as Dawn or The Express Tribune).
2. **Cut & Paste:** Clip and glue them into your assignment.
3. **Task:** Write a maximum 150-word summary outlining the writer’s core arguments.

- 1 : نوبل پرائز (Nobel Prize) اور عالمی امن انعام (World Peace Prize) میں کیا فرق ہے؟ کب آغاز ہوا؟ کن کن لوگوں/ ممالک کو یہ انعامات کن وجوہات کی بنا پر مل چکے ہیں؟ تفصیل سے لکھیے۔ /10
 - 2 : چھٹیوں میں والدین/ خاندان کے ساتھ کیسے وقت گزارا؟ آخر دس دنوں کی ڈائری لکھیے۔ /5
 - 3 : محاورہ اور ضرب المثل میں کیا فرق ہے؟ پانچ محاورات اور پانچ ضرب الامثال معانی کے ساتھ لکھیے۔ /10
- نوٹ : تمام کام خوشخط لکھیے۔ اور ایک مکمل فائل کور میں خوبصورتی کے ساتھ جمع کروائیے گا۔

Geography

[25 Marks]

Watch the movie the mission of Rani Ghanj and share your views about, mining is hazardous.

Learn the chapters mentioned below with the help of the links given at the end.

Chapter # 1 The land of Pakistan

	TASK	SUGGESTED WEBSITES
WEEK 1	➤ Practice map-skills Name and label human and physical features on map e.g. Tropic of Cancer, latitudes 30°N, 36°N, longitudes 64°E, 70°E, 76°E, Arabian Sea, countries sharing a border with Pakistan, provinces, specific cities, specified landforms, specific rivers, deserts. ➤ Collect variety of photographs, pictures or drawings of Balochistan Plateau, Sulaiman Range, Safed Koh, Potwar Plateau, Salt Range, Hindu Kush, Karakoram and Himalaya mountain ranges, River Indus, Jhelum, Chenab, Ravi, Sutlej, Kabul, Hab and Dasht, Thar, Thal and Kharan Deserts.(You can prepare presentation minimum 10slides)	www.mapsofworld.com/pakistan/ https://geology.com/world/pakistan-satellite-image.shtml www.mapsofworld.com/lat long/pakistan-lat-long.html http://clipart-library.com/pakistan-map-outline.html Both websites have a variety of maps of Pakistan including blankmap outlines which can beprinted off and labelled by learners. www.cknp.org/cms/nature-research/park-environment/mountain-range/ has pictures of mountains. www.havelian.net/page/Pictures-of-Rivers-Of-Pakistan/1082 has pictures of Pakistan rivers. www.mtholyoke.edu/~mirza20s/classweb/wp-website/balochistan.html has pictures of Pakistan deserts.

History

[25 Marks]

1: Imagine you have invented AI Time Machine and can interview any one historical personality given below:

Shah WaliUllah Haji Shariatullah Syed Ahmed Brelvi Sir Syed Ahmed Khan

Task:

[10}

1. Choose one personality.
2. Write four interview questions you would ask.
3. Write the answers you think the personalities would give.
4. Describe in 2-3 lines why their message is still important today.

2: Think and Write

Answer the following questions:

[10]

1. Why the war of independence is called an important event in the history of subcontinent?
2. Which reformer inspired you the most among Shah Walihullah, Haji Shariatullah, and Sir Syed Ahmed Brelvi ?
Give two reasons.

3: Creative Activity:

[5]

Imagine that you are Sir Syed Ahmed Khan visiting the year 2026. A student interviews you about education, hard work, and the future of students.

- Write a short conversation consisting of five questions and answers.
- Create your own slogan to promote education.

General Instructions

- Study the relevant topic thoroughly from your O Level Islamiyat textbook and other reliable sources before attempting each task.
- All answers must be written entirely in your own words.
- Work must be handwritten neatly. Ensure your handwriting is legible.
- Quality of expression and understanding will be assessed.

TASK 1 Sawm (Fasting) — Spiritual Discipline and Moral Development

[8]

Before attempting this task, revise the following from your O Level Islamiyat syllabus: the definition and conditions of Sawm; the Quranic command for fasting (Surah Al-Baqarah 2:183–185); the concept of Sabr (patience); and the spiritual, moral, and social benefits of fasting as taught in Hadith.

Answer the following:

- What is Sawm? State its Quranic basis and the key conditions that make a fast valid.
- The Prophet (peace be upon him) said: “Whoever does not give up false speech and acting upon it, Allah has no need of him giving up his food and drink.” (Bukhari). What does this Hadith reveal about the true purpose of fasting? Identify at least three moral qualities that Sawm is meant to develop.
- The concept of Sabr (patience) is closely linked to fasting in Islamic teaching. Explain this connection, referring to at least one Quranic verse on Sabr.
- Write a brief personal reflection on what fasting teaches a Muslim in everyday life.

TASK 2 The Mothers of the Faithful (Az waj-e-Mutahiraat)

[9]

Before attempting this task, study all eleven wives of the Prophet Muhammad (peace be upon him) from your O Level Islamiyat textbook and other reliable sources. Pay attention to each wife's background, her role in early Islamic history, and what made her life significant. Also read Surah Al-Ahzab (33:6) to understand the honoured status Allah granted them.

Question

The wives of the Prophet (peace be upon him) are known as the Mothers of the Faithful. Each one played a unique role in the preservation and spread of Islam. For **each** of the eleven wives, write a response covering the following points:

- Her full name and any titles she was known by
- Her background before Islam — family, tribe, and social status
- The circumstances of her marriage to the Prophet (peace be upon him)
- Her most significant contribution to Islam
- One notable incident from her life or a Hadith narrated by or about her
- What Muslim women today can learn from her example (*write 3–4 sentences in your own words*)

TASK 3 The Makkan Period (610–622 CE) — Perseverance in the Face of Hardship

[8]

Before attempting this task, revise the key events of the Makkan period from your O Level Islamiyat syllabus: the first revelation, early converts, public preaching, persecution by the Quraysh, the migration to Abyssinia, the Year of Sorrow, the journey to Taif, Isra wal Miraj, the Pledges of Aqaba, and the Hijrah to Madinah. The Makkan period lasted thirteen years and was marked by revelation, persecution, and unshakeable faith.

a. Arrange the following events in chronological order and write one or two sentences describing each:

- | | | |
|--------------------|-------------------------------|--|
| • First Revelation | Beginning of public preaching | Migration to Abyssinia |
| • Year of Sorrow | Journey to Taif | Isra wal Miraj Hijrah to Madinah. |

b. Choose one event from the above that you consider the most significant turning point. Explain what happened, why it was a turning point, and how the Prophet (peace be upon him) responded.

c. Write a personal reflection on what the Prophet's example during the Makkan period teaches us about patience, commitment, and hope in times of difficulty. Refer to at least one specific event in your reflection.

Instructions: Carefully read the miracle accounts found in the Synoptic Gospels:

Matthew 8:5–13; 11:1–6; 20:29–34

Mark 2:1–12; 4:35–41; 6:30–52; 7:24–30

Luke 7:11–17; 8:26–56; 9:37–43

Answer all the given questions. Support your answers with examples from the Holy Bible.

1. Jesus' Identity

Jesus performed many different types of miracles.

- a) Identify four different categories of miracles performed by Jesus (e.g., healing, nature miracles, exorcisms, raising the dead).
- b) Choose one miracle from each category and explain what it teaches about Jesus' power and identity.
- c) If you had witnessed one of these miracles, how might it have changed your view of Jesus? Give reasons.
- (d) Some people argue that Jesus' miracles prove that he was the Son of God. Others believe the stories should be understood symbolically.
 - Discuss both views in your answer.
 - Give arguments supporting miracles as evidence of Jesus' divinity and also arguments supporting a symbolic interpretation.
 - State which view you find more convincing and explain why.

2. Faith revealed through Miracles

Imagine you are one of the following people

- The Centurion whose servant was healed
- The woman healed from bleeding
- A disciple in the boat during the storm
- The widow of Nain

Write a first -person account (150–200 words) describing:

- What happened
- Your feelings before and after the miracle.
- What you learned about faith and God's power.
- How the experience changed your life.

3. Importance of Miracles

Many Christians today believe that the miracles of Jesus still have important lessons.

- a) Choose two miracles and explain how they inspire Christians today.
- b) What message do Jesus' miracles give to people facing challenges such as sickness, fear, loneliness, or doubt?
- c) Do you think miracles are only important because they are extraordinary events, or because of the spiritual lessons they teach? Explain your answer.

Economics

[Marks: 25]

1: Choose a recent economic news article from a reputable source such as a financial newspaper, magazines or online publications:

1. Write a concise summary of the chosen article? [3]
2. Highlight the concepts such as demand and supply, inflation, unemployment etc. [2]
3. Formulate recommendations or policy suggestions based on their analysis of the current event. [3]
4. Prepare a presentation to communicate your ideas clearly. [2]

2: Visit a local market and observe the demand and supply for a specific product (e.g. fruits, vegetables, and clothing). Take note of the factors influencing demand such as price changes, consumer preferences and seasonal variations.

(You can use the example of sales on clothing brands). [5]

3: In a country with a focus on social welfare and equitable distribution of resources, the government aims to allocate more spending towards consumer goods than luxury items. Consumer goods encompass essential items such as healthcare, education, infrastructure and social service, while luxury items refer to non-essential expenditures on items.

1. Construct a PPC graph showing opportunity costs of allocating more government spending towards consumer goods VS luxury items and analyze it as well. (items of your own choice. [4]
2. How might reducing spending on luxury items contribute to reducing income inequality and addressing social disparities within the country? [2]
3. How might investments in luxury infrastructure projects such as high-end hotels, luxury resorts and entertainment venues, contribute to overall infrastructure development and attract foreign investments? [2]
4. Discuss the employment opportunities created by the luxury sector, including roles in hospitality, tourism, luxury retail and service industries? [2]

Business Studies

[Marks: 25]

1: Understanding Business Activities [8]

Choose any one local business (e.g., bakery, clothing store, restaurant, pharmacy, supermarket)

- Briefly describe the business and identify the type of business activity (Primary, Secondary, or Tertiary) [2]
- Explain how the business satisfies customer needs and wants in the community. [2]
- Identify the factors of production (Land, Labour, Capital, Enterprise) used by the business and explain their role. [4]

2: Enterprise, Business Growth and Size [10]

Select a successful entrepreneur from your country or any part of the world.

- Write a brief profile of the entrepreneur, including background and achievements. [2]
- Explain the entrepreneurial characteristics that contributed to their success (e.g., risk-taking, innovation, leadership, determination). [3]
- Describe how their business grew over time and identify whether it is now a small, medium, or large business. Give reasons for your answer. [3]
- Explain two benefits and two challenges faced by growing businesses. [2]

3: Types of Business Organization [7]

- Research and compare the following forms of business organization:
Sole Trader Partnership Private Limited Company
- Define each type of business organization. [3]
- Create a comparison table showing:
Ownership Sources of Finance Liability Decision Making [2]
- Recommend the most suitable form of business organization for a newly established clothing brand and justify your answer. [2]

1: Accounting Equation Project**[10]**

Create a chart or report explaining the Accounting Equation:

Assets = Capital + Liabilities

Define Assets, Liabilities, and Capital with examples. [3]

Explain the importance of the Accounting Equation. [2]

Prepare and solve the following transactions using the Accounting Equation:

Owner started business with \$20,000 cash.

Purchased furniture for \$5,000 cash.

Bought inventory on credit for \$3,000.

Paid creditor \$1,000.

Show the effect of each transaction on the Accounting Equation. [5]

2: Journal Entries**[7]**

Prepare journal entries for the following transactions:

Started business with cash \$15,000.

Purchased goods for cash \$2,500.

Purchased equipment on credit \$4,000.

Sold goods for cash \$3,000.

Paid rent \$800.

Write the complete journal with:

Date	Particulars	Debit	Credit
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3: Ledger Accounts**[8]**

Using the journal entries prepared in Question 2:

Post all transactions into appropriate ledger accounts. [6]

Calculate and show the closing balance of each account. [2]

Mathematics**[Marks: 25]**

* Solve the following questions on loose leaf.

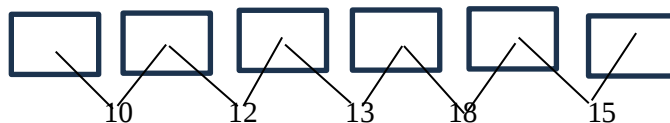
[10]

i) Book D2, Exercise 2D (Page No. 71, 72) - Questions: Q1 to Q10

ii) Brainstorming Questions

[5]

- a) Fill in a 1-digit number in the boxes to complete the web. You will add up the two adjacent boxes to get the number at the bottom.



- b) Fill in numbers 1–9 to make the sum of each row, column, and diagonal equal.

	7	6
		1

* Practice the Exercises. 4A,4B,4C,4D from book D2

[10]

You will have test of 10 marks of above-mentioned exercises after summer vacation.

Section A — Short Answer Questions

- Define the following terms and give ONE example of each. [4]
 a) Input Device b) Output Device c) Hard copy output d) Soft copy output
- State TWO differences between a laser printer and an inkjet printer. [2]

Difference 1: _____

Difference 2: _____

- Name the most suitable input device for each of the following situations. [4]
 a) A blind user who needs to interact with a computer without using a mouse
 b) Scanning the barcode at a supermarket checkout
 c) Capturing a handwritten signature on a delivery pad
 d) Playing a racing video game

Section B — Structured Questions

- A hospital is setting up a new patient registration system. [3]
 a) Suggest THREE suitable input devices for the system and explain why each is appropriate. [3]
 1. _____ Reason: _____
 2. _____ Reason: _____
 3. _____ Reason: _____
 b) Suggest TWO suitable output devices and state what type of output each produces. [2]
 1. _____ Output type: _____
 2. _____ Output type: _____
 c) Explain why a touch screen might be preferred over a keyboard and mouse in a busy hospital ward. [1]

- Complete the table below by filling in the missing information. [4]

Device	Input / Output	Type of Data	Example Use
Keyboard	Input	Text / Commands	Typing an email
Monitor	_____	_____	Displaying a website
_____	Input	_____	Scanning a document
Speakers	_____	_____	Playing music

Section C — Extended Response [5 Marks]

A school is replacing its computer lab. The school committee is deciding which output devices to purchase. They are considering a projector, laser printers, and interactive whiteboards.

- a) Describe how each of the three output devices works. [3]
 • Projector:
 • Laser Printer:
 • Interactive Whiteboard:

Recommend ONE of these devices for use in a classroom where students need to view a teacher's presentation. Justify your answer. [2]

- Show all working for calculations. Label all graphs with title, axes, and units

Section A – Definitions & Concepts**[5]**

1. Define: **Speed**, **Velocity**, and **Acceleration**— give SI unit for each.
2. State the difference between uniform and non-uniform acceleration. Give one real-life example of each.
3. What does the **area under a v/t graph** represent? What does the **gradient of a d/t graph** tell us?

Section B – Graph Sketching**[5]**

4. (a) Sketch a **d/t graph**: A student walks 12 m in 4 s, stops for 3 s, then returns 6 m in 3 s. Label axes and mark the stationary phase. (b) Sketch a **v/t graph**: A car accelerates from rest to 20 m/s in 5 s, travels at constant speed for 5 s, then decelerates to rest in 5 s. Shade the area representing distance.

Section C – Calculations**[3]**

5. A cyclist travels 360 m in 1.5 minutes. Calculate the average speed in m/s.
6. A car accelerates from 8 m/s to 28 m/s in 5 s. Calculate the acceleration.
7. A v/t graph shows uniform acceleration from 0 to 30 m/s in 6 s. Find: **(a)** acceleration **(b)** total distance using the area under the graph.

Section D – Real-Life Application**[4]**

8. Observe any moving object during your summer break (e.g. a rickshaw, a cricket ball, a person jogging). In your notebook: **(a)** Describe the motion. **(b)** Sketch a d/t and a v/t graph for it. **(c)** Estimate the average speed using your own measurements. Show all working.

❖ Real-Life Task**[5]**

Observe a real-life situation involving motion (e.g. someone jogging, a car moving, or a ball rolling). In your notebook:

- Describe what happened.
- Sketch a possible **d/t graph** and **v/t graph** for the motion.
- Label key features like acceleration, constant speed, and rest.

☆ Bonus Challenge**[3]**

Using graph paper or a digital tool (like Excel or Google Sheets), plot the v/t graph for the following data and find the **total distance traveled**.

Time(s)	0	2	4	6	8	10
Velocity (m/s)	0	4	8	8	4	0

Task-1. Draw dot and cross diagrams for the following compounds:

[10]

- Calcium Chloride (CaCl_2)– Ionic bonding
- Magnesium Oxide (MgO) – Ionic bonding
- Methane molecule (CH_4)– Covalent bonding
- Hydrogen bromide molecule (HBr) – Covalent bonding
- Nitrogen molecule (N_2)– Covalent bonding
- Ethene molecule (C_2H_4) – Covalent bonding
- Nitrogen trifluoride (NF_3) – Covalent bonding
- Phosphorus trichloride (PCl_3) – Covalent bonding
- Potassium fluoride (KF)– Ionic bonding
- Carbon dioxide molecule (CO_2) – Covalent bonding

Task-2. Draw and label a simplified periodic table showing:

[5]

- Groups 1–8
- Periods 1–4
- Metals
- Nonmetals
- Metalloids
- Noble gases

Q.3. Draw the structure of diamond, graphite and sand also write few properties in descriptive way: [10]

Property	Diamond	Graphite	Sand
Hardness/ Brittleness			
Electrical Conductivity			
Slippery			
Structure			
Melting Point			
Giant covalent/simple molecular structure			
Common Use			

**Bio
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25]**

1. The terms tissue, organ and organ systems are used when describing the organization inside an organism.

Complete the table by

- defining what each term means [3]
- giving one example in a plant and one in an animal for each structure. [3]

Name of structure	Definition	Example in a plant	Example in an animal
Tissue			
Organ			
Organ system			

2. a) Complete the table to compare the parts present in a liver cell with those in a palisade cell.

[1.5]

Part of cell	Present palisade cell	Present in liver cell
Nucleus	•	•
Cell wall		
Chloroplast		
Cytoplasm		
Cell Membrane		
(sap) vasculature		

b). Choose three of the parts and state their functions.

[1.5]

3. Some plant cells were placed on a microscope slide and covered with sugar solution, which was more concentrated than the sugar inside the cells.

a). Describe what changes would happen in each of the following cell parts:

- cell wall [1]
- cytoplasm [1]
- sap vacuole [1]

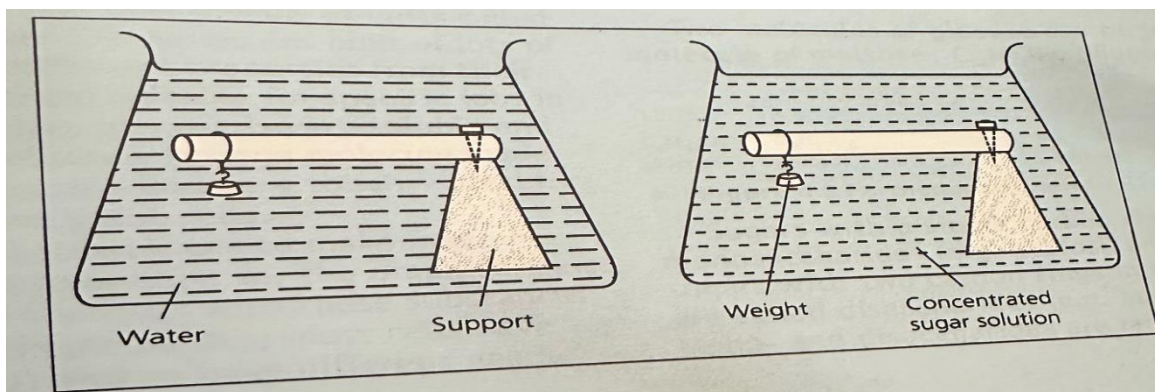
b). With reference to water potential gradient, explain how these changes occur. [1]

c). i) State the differences between diffusion and active transport. [1]

ii) Give one example of each process in living organisms. [1]

4. The diagram shows a cylinder of potato tube with a weight attached in a container of water.

A second, identical cylinder of potato was set up in the same way but placed in a container of concentrated sugar solution. Both cylinders were left for 3 hours.



a) Describe and explain in terms of water potential what would happen to

- i) the potato in water [3]
- ii) the potato in the concentrated sugar solution. [3]

b) State the name of the process involved in causing any changes to the appearance of the cylinders. [1]

c) Root hair cells are involved in taking up water and mineral ions from the surrounding soil. State how the processes of taking up these substances are different. [3]

Note: These questions are taken from Hooders book exercise and exam style questions.

Take help from me in case of any difficulty in the first week of summer vacation at 10:00 a.m.