

SUBJECT	HOMEWORK ASSIGNED	CLASS
MATHEMATICS	Page no. 59 Q no. 7,10, 12 Page no. 60 Qno 13,16,17,18,19 Page no. 67 Qno 6,8 10 Page no. 72 Qno. 5,6,7 8	XII A
PHYSICAL EDUCATION	Q.1. Draw a fixture of 22 teams in Knock - Out Tournament. Q.2. Draw a fixture of 13 teams on the basis of Tabular Method. Q.3. Draw a fixture of 12 teams on the basis of Tabular Method. Q.4. Draw a fixture of 9 teams on the basis of Staircase Method in League Tournament. Q.5. Draw a fixture of 8 teams on the basis of Cyclic Method in League Tournament. Q.6. Draw a fixture of 19 teams in which 4 teams are especially Seeded in Knock- Out Tournament. Q.7. Complete the notebook write answers of Unit 1 and 2.	XII A
ENGLISH	Q.1. Your school is planning to conduct an inter- class seminar on the topic- The Importance of Mental Health- to create awareness in adolescents. As the head of the organising committee, write a notice to inform all students about the seminar and invite registrations from classes XI- XII. Include other necessary details. Q.2. Financial literacy is increasingly recognized as a crucial 21st century skill for young individuals. Write a letter to the editor of a local daily discussing the benefits of providing financial literacy education to children. Also, suggest effective ways to raise awareness about the importance of this education among parents and guardians. You may use some of the given cues along with your own ideas to draft the letter. You are a counsellor, Chitra Mahapatra from Puri, Odisha. Cues- What are the long term benefits learning financial independence from a young age? - Why is understanding the power of finances beneficial for young learners? - Why skills learned during childhood tend to have a lasting impact. Q.3. You are Maya from Shillong. You read the given advertisement and wish to apply for the post advertised. Write this job application along with your bio- data. Join our Creative Team! A renowned publishing house in Shillong - A NEW WORLD- is seeking a talented illustrator for children's books. Creative individuals with a passion for storytelling through art, welcome. Experience, not mandatory. Team players with degree/ diploma in Fine Arts/ Graphic Design may apply with 5 samples from portfolio illustrating a variety of work. Write to the Project Lead, 23- C Rosewood Lane, Shillong- 793005 Q.4 In an Era of rapid globalization and technological advancement, the preservation of cultural heritage remains a vital challenge, particularly for the youth. India continues to navigate the complexities of maintaining tradition alongside modernity. Write an article exploring the role of cultural heritage in shaping the identities of today's Indian youth. Provide examples to illustrate your points wherever necessary. You are Arti Bhati of Class XII- A. Q.5. Complete the notebook	XII A
PHYSICS	1. Define electric field and electric field lines. 2. State and prove Coulombs law. 3. State and prove Gauss`s theorem and derive any one application of Gauss theorem. 4. Practice for all the numerical and derivations given in unit 1 (Electric charges and fields)	XII A

COMPUTER SCIENCE	1. What are the various mutable and immutable data types in Python? 2. What is the difference between a tuple and a list? 3. What are the two ways to add something to a list? How are they different? 4. What are the two ways to remove something from a list? How are they different? 5. What is the difference between (30) and (30,)? 6. Discuss Bubble sort and Insertion sort techniques. 7. Which string method is used to implement the following: a) To count the number of characters in the string. b) To change the first character of the string in capital letter. c) To check whether given character is letter or a number. d) To change lowercase to uppercase letter. e) Change one character into another character.	XII A
BIOLOGY	<p>CLASS XII (Biology)</p> <p>(A) QUESTIONS/TOPICS- Write and learn-</p> <ul style="list-style-type: none"> • Difference between asexual and sexual reproduction. • Development of male gametophyte in angiosperm plants. • Development of female gametophyte in angiosperm plants. • Types of pollination with examples. • Double fertilization in Plant. • Development of endosperm in plants. • Development of embryo in plants. <p>(B) DIAGRAMS-</p> <ul style="list-style-type: none"> • Diagram of seeds. • Anther and microsporangium. • Flower showing pollen grain germination. • Fertilized embryo sac and development of embryo. <p>(C) Learn NCERT questions from completed portion /chapters.</p>	XII A