

# KATHMANDU INSTITUTE OF SCIENCE & TECHNOLOGY SS

KAMALPOKHARI, KATHMANDU

## DASHAIN, TIHAR & CHHATH VACATION HOMEWORK 2080

### GRADE: XII SCIENCE (MORNING)

<b><u>SUBJECT: ENGLISH</u></b> <b><i>Section One</i></b> Unit 1 - Voc: 2 (a, b)/ Writing: 2/ Grammar: 1 Unit 2 - Voc: 2 Unit 3 - Writing: 1/ Grammar: 2, 3 Unit 5 - Grammar: 2 Unit 6 - Grammar: 2 Unit 8 - Writing: 2/ Grammar: 2 Unit 9 - Grammar: 1 (g, i, k) Unit 10 - Voc: 2/ Writing: 1 <b><i>Section Two</i></b> Chapter (Neighbours) - SQ: 4 Chapter (A devoted son) - LQ: 3 Chapter (My old home) - SQ: 5 Chapter (A day) - LQ: 2 Chapter (Every morning....) - LQ: 1 Chapter (On libraries) - LQ: 2 Chapter (A matter of ....) - SQ: 5 Chapter (Facing death) - LQ: 6	<b><u>SUBJECT: NEPALI</u></b> पाठ १ - प्रश्न नं : १ (ड), २ (ख) पाठ २ - प्रश्न नं : १ (ग), २ (ग) पाठ ३ - प्रश्न नं : २ (क), ७ (क) पाठ ४ - प्रश्न नं : ४ (घ), ५ (क, ग (अ)), ६ (ग, घ), ७ (क), ८ (क (अ), ग (अ))
<b><u>SUBJECT: MATHEMATICS</u></b> Chapter 1 - Q: 3, 4, 5, 6, 17, 18 Chapter 2 - Q: 3, 4, 5, 11 Chapter 3 - Q: 1, 2, 4 (a, b), 7 (a, b) Chapter 5 - Q: 4 Chapter 6 - Q: 7, 8, 10, 11, 13, 14, 16 Chapter 11 - Q: 1, 2, 3, 4 Chapter 12 - Differential Q: 1, 2, 3 Tangent Q: 1, 2, 3, 7, 8 L-Hospital's Rule Q: 1, 2, 4 Chapter 13 - Q: 1 (all) Chapter 15 - Q: 5, 6 Chapter 16 - Q: 1 (a, b, c, d)	<b><u>SUBJECT: PHYSICS</u></b> Electrical circuit - SQ: 1 (c), 6, 14, 15 (b), 19 (b)/ Num: 1 Magnetic force - SQ: 3, 7 (a), 9 (b)/ Num: 5, 9 Electron - LQ: 5 Photon - LQ: 1/ SQ: 7 Semiconductor device - SQ: 1 Wave motion - SQ: 1, 4/ Num: 2, 5 Mechanical wave - Num: 8 Wave theory of light - Q: 3, 5 Rotational dynamics - LQ: 6/ Num: 11/ Model Q: 2, 6 First Law of thermodynamics - SQ: 6, 22/ LQ: 4/ Num: 6
<b><u>SUBJECT: CHEMISTRY</u></b> Ionic Equilibrium - Q: 3 Volumetric Analysis - Q: 2 Haloalkanes - Q: 9, 13 Alcohols - Q: 1 Nitro compounds - Q: 2, 5 Amino compounds - Q: 5, 8 Organometallic compounds - Q: 5, 6 Transition metals - Q: 2 Heavy metal (Zinc) - Q: 2	<b><u>SUBJECT: COMPUTER SCIENCE</u></b> Chapter 1 - SQ: 12/ LQ: 1, 4 Chapter 3 - SQ: 6, 7 Chapter 4 - SQ: 3, 5, 9 Chapter 7 - SQ: 10 Lab Work - Q: 2 Programming in C - Q: 7
<b><u>SUBJECT: BIOLOGY (BOTANY)</u></b> Mendelism (all)	<b><u>SUBJECT: BIOLOGY (ZOOLOGY)</u></b> Application of Biology - SQ: 1, 4 Developmental Biology - SQ: 1, 2 Digestive system - SQ: 1, 8/ LQ: 1 Endocrine system - SQ: 2, 3/ LQ: 1, 3 Sense organ - SQ: 2, 4 Disease/ Vaccination - SQ: 4/ LQ: 1, 8

\* Please refer to the homework booklets provided for different subjects.

Instructions overleaf

### **Instructions:**

1. The homework assigned in different subjects is **COMPULSORY**.
2. Students need to follow **HOMEWORK BOOKLET** provided by the college for assignment.
3. The homework for the vacation should be done on a **SEPARATE COPY (LOOSE SHEET)**.
4. Students **HAVE TO COMPLETE** the given homework on a day-to-day basis except during the actual festival days.
5. This homework is a part of the internal evaluation. Students must submit their complete homework in time. Moreover, students who don't complete their homework fully shall face **DISCIPLINARY ACTION**.
6. Students need to submit the assignment by **WEDNESDAY, MANGSIR 6, 2080 (NOV 22)**.
7. Complete the project/ practical work in time provided by the concerned subject teacher.
8. Parents/ Guardians are requested to **MONITOR** the completion of the given Homework/ Project work during the vacation.