



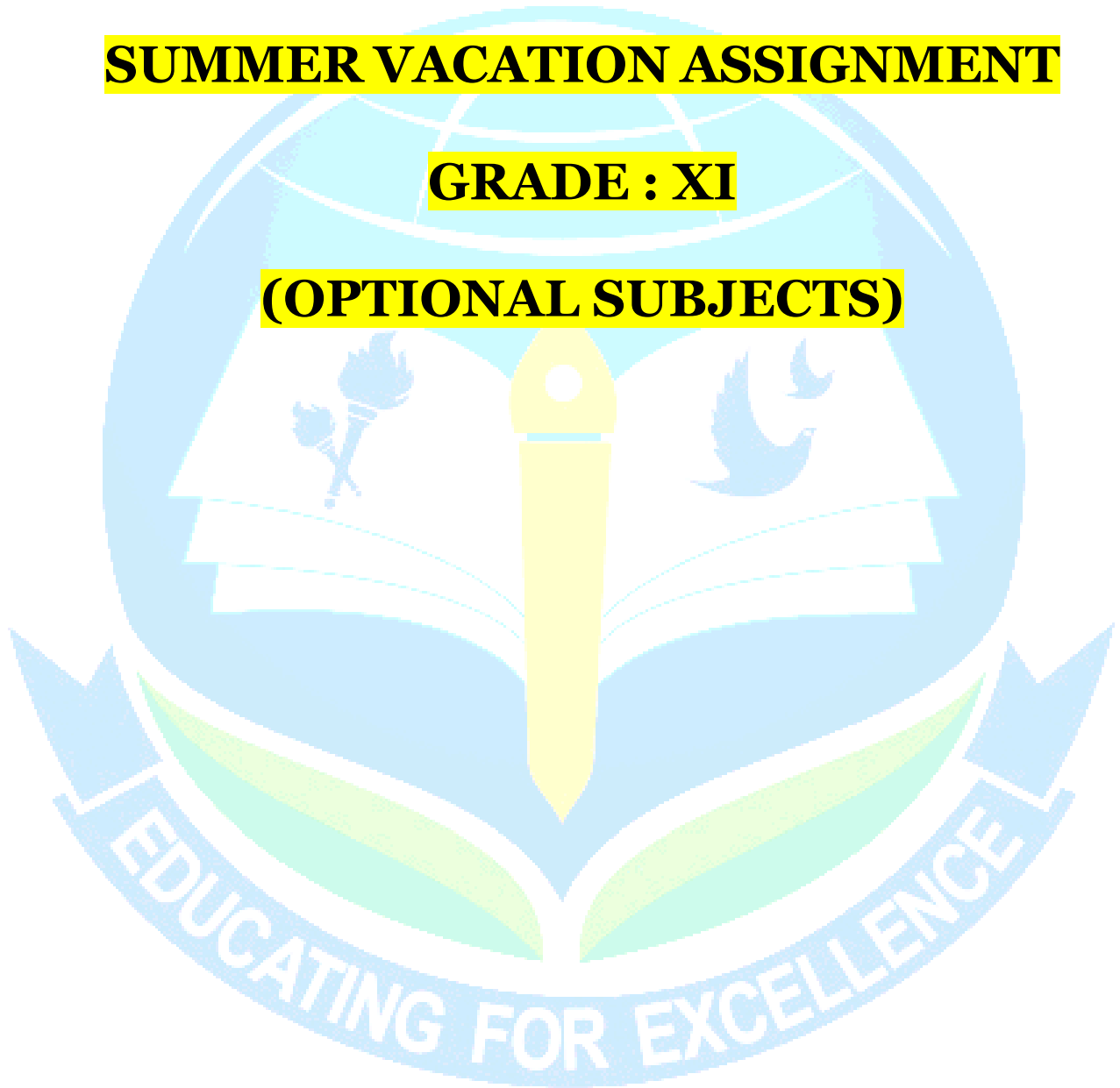
**ACADEMIC WORLD SCHOOL™**  
**BEMETARA**

**SESSION: 2026-27**

**SUMMER VACATION ASSIGNMENT**

**GRADE : XI**

**(OPTIONAL SUBJECTS)**



**Name** \_\_\_\_\_ **Class** \_\_\_\_\_ **Section** \_\_\_\_\_



# ACADEMIC WORLD SCHOOL™ BEMETARA

**SESSION: 2026-27**

## **SUMMER VACATION ASSIGNMENT**

### **GRADE: XI (OPTIONAL SUBJECTS)**

#### **General Instructions:**

1. Write in a clear and legible handwriting.
2. Complete all the homework in a separate subject Summer Vacation Homework Notebook.
3. **DO NOT COPY AND PASTE FROM THE INTERNET.** (Assignment will be rejected)
4. In case of reference from the internet, you may:
  - A. Read the content from the internet, if you wish and paraphrase (Rewrite in your own words)
  - B. Mention the source of your information by providing the link from the internet for the verification by the teachers.
5. Marks awarded will be counted in the final scores at the end of the session.
6. The Summer Vacation HW will be submitted immediately upon arrival to school after Summer Vacation.
7. For any assignment related query do post your question on E-Mail Id of respective subject teacher. List of Subject Teacher's E-Mail ID attached.

#### **Note for the Parents:**

**Parents are requested to guide his/her wards to complete their assignments honestly and submit by the due date.**

# SUBJECT: APPLIED MATHS (241)

## CLASS: XI

### 1. Project Work:

Activity: "Logarithm Treasure Hunt"

Objective:

- Understand the concept of logarithms as exponents
- Convert between exponential and logarithmic forms
- Apply properties of logarithms

Concept Focus:

- $a^x = b \Leftrightarrow \log_a b = x$
- Laws of logarithms:
  - Product:  $\log(ab) = \log a + \log b$
  - Quotient:  $\log(a/b) = \log a - \log b$
  - Power:  $\log(a^n) = n \log a$

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EDUCATING FOR EXCELLENCE

# **SUBJECT: COMPUTER SCIENCE (083)**

## **GRADE : XI**

### **Decoding Digital Dilemmas through Digital Posters**

Students will work in small groups.

#### **Task Details:**

- Choose one topic:
  - Cyberbullying
  - Online Consent
  - Fake News / Misinformation
- Research how these issues are handled in:
  - India
  - United Kingdom
  - Japan
  - United States
- Compare global practices with Indian context.

#### **Final Submission:**

- Create a **Digital Poster** including:
  - Problem explanation
  - Global comparison
  - Suggested solutions
  - Ethical message

#### **Additional Expectations:**

- Include **case studies or real-world examples**
- Add **legal aspects** (IT Act, GDPR basics, etc.)
- Provide **critical analysis and conclusion**

**Tools Suggested:** Canva, PowerPoint, Google Slides

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## SUBJECT: HINDI CORE (302)

### CLASS: XI

#### हिंदी परियोजना कार्य

निम्नलिखित आठ विषयों में से किसी एक विषय पर हिंदी परियोजना कार्य के लिए (चित्र के साथ) एक आकर्षक फाइल तैयार करें- (शब्द सीमा 2000 शब्द / 18 पृष्ठ)

#### 1. आदिकाल (वीरगाथा, काल संवत् 1050-1375)

- 1. सामान्य परिचय
- 2. अपभ्रंश काव्य
- 3. देशभाषा काव्य
- 4. इस काल की प्रमुख रचनाएँ
- 5. वीरगाथा काल की प्रमुख विशेषताएँ
- 6. वीरगाथा काल का भारत कैसा था?

#### 2. पूर्व-मध्यकाल (भक्तिकाल, संवत् 1375-1700)

- 1. सामान्य परिचय
- 2. ज्ञानाश्रयी शाखा
- 3. प्रेममार्गी (सूफी) शाखा
- 4. रामभक्ति शाखा
- 5. कृष्णभक्ति शाखा
- 6. भक्तिकाल की फुटकर रचनाएँ

#### 3. उत्तर मध्यकाल (रीतिकाल, संवत् 1700-1900)

- 1. सामान्य परिचय
- 2. रीति ग्रन्थकार कवि
- 3. रीतिकाल के अन्य कवि
- 4. रीतिकाल की प्रमुख विशेषताएँ
- 5. रीतिकाल की सामाजिक संरचना

#### 4. आधुनिक काल (गद्यकाल, संवत् 1900-1980)

- 1. सामान्य परिचय : गद्य का विकास
- 2. गद्य साहित्य का आविर्भाव
- 3. आधुनिक गद्यसाहित्य परम्परा का प्रवर्तन प्रथम उत्थान (संवत् 1925-1950)
- 4. गद्य साहित्य परम्परा का प्रवर्तन : प्रथम उत्थान
- 5. गद्य साहित्य का प्रसार द्वितीय उत्थान (संवत् 1950-1975)
- 6. गद्य साहित्य का प्रसार

#### 5. छायावाद के स्तंभ कवि/लेखक का सम्पूर्ण जीवन परिचय

- महा कवि सूर्यकांत त्रिपाठी निराला
- 6. छायावाद के स्तंभ कवि का सम्पूर्ण जीवन परिचय
  - महा देवी वर्मा
- 7. छायावाद के स्तंभ कवि का सम्पूर्ण जीवन परिचय
  - सुमित्रानंदन पंत
- 8. छायावाद के स्तंभ कवि का सम्पूर्ण जीवन परिचय
  - जयशंकर प्रसाद

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# **SUBJECT: INFORMATICS PRACTICES (065)**

## **GRADE : XI**

### **Decoding Digital Dilemmas through Digital Posters**

Students will work in small groups.

#### **Task Details:**

- Choose one topic:
  - Cyberbullying
  - Online Consent
  - Fake News / Misinformation
- Research how these issues are handled in:
  - India
  - United Kingdom
  - Japan
  - United States
- Compare global practices with Indian context.

#### **Final Submission:**

- Create a **Digital Poster** including:
  - Problem explanation
  - Global comparison
  - Suggested solutions
  - Ethical message

#### **Additional Expectations:**

- Include **case studies or real-world examples**
- Add **legal aspects** (IT Act, GDPR basics, etc.)
- Provide **critical analysis and conclusion**

**Tools Suggested:** Canva, PowerPoint, Google Slides

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# **SUBJECT: LEGAL STUDIES (074)**

## **GRADE : XI**

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
- Any other course related topic

**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 if possible).
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 caseCitation of the case

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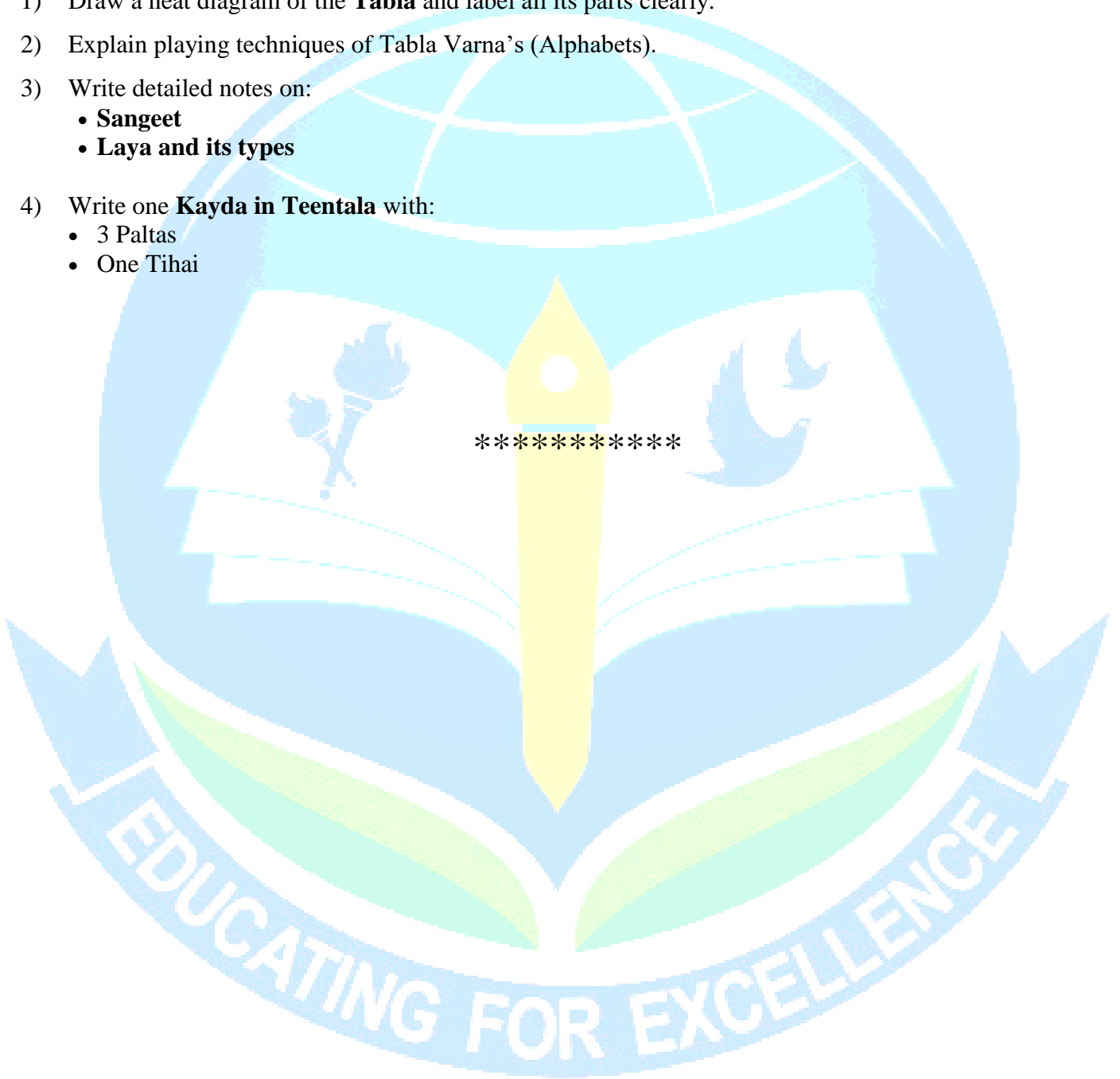
# SUBJECT: HINDUSTANI MUSIC (036)

## GRADE : XI

### Summer Assignment Questions –

- 1) Draw a neat diagram of the **Tabla** and label all its parts clearly.
- 2) Explain playing techniques of Tabla Varna's (Alphabets).
- 3) Write detailed notes on:
  - **Sangeet**
  - **Laya and its types**
- 4) Write one **Kayda in Teentala** with:
  - 3 Paltas
  - One Tihai

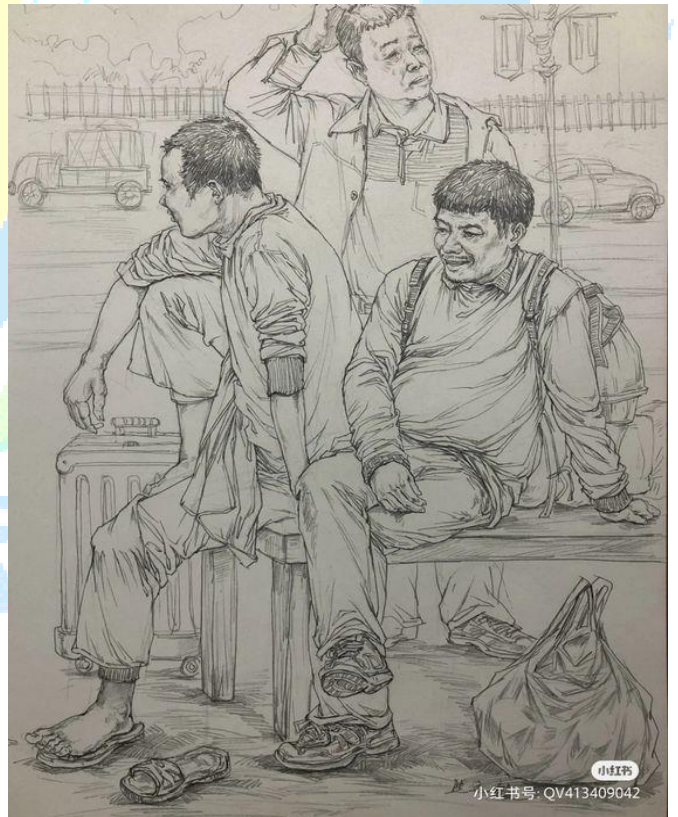
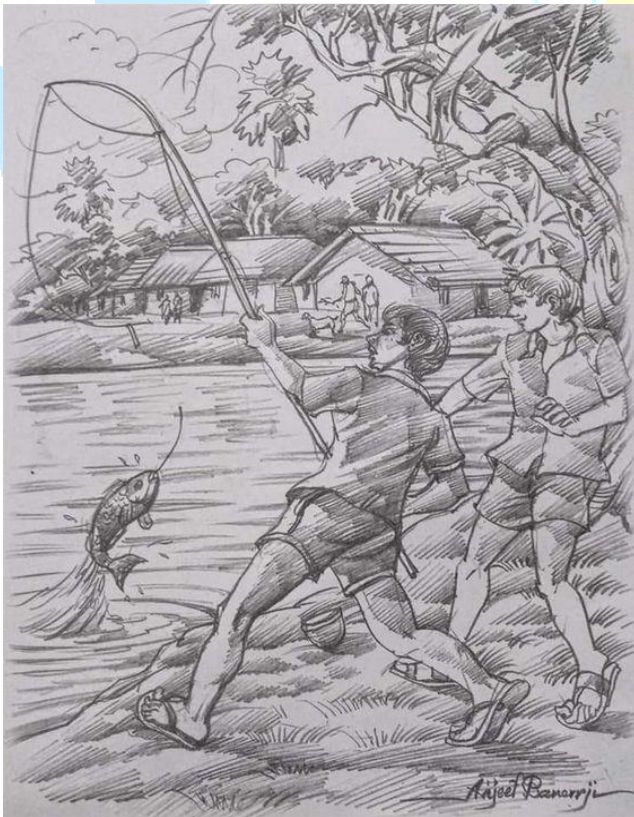
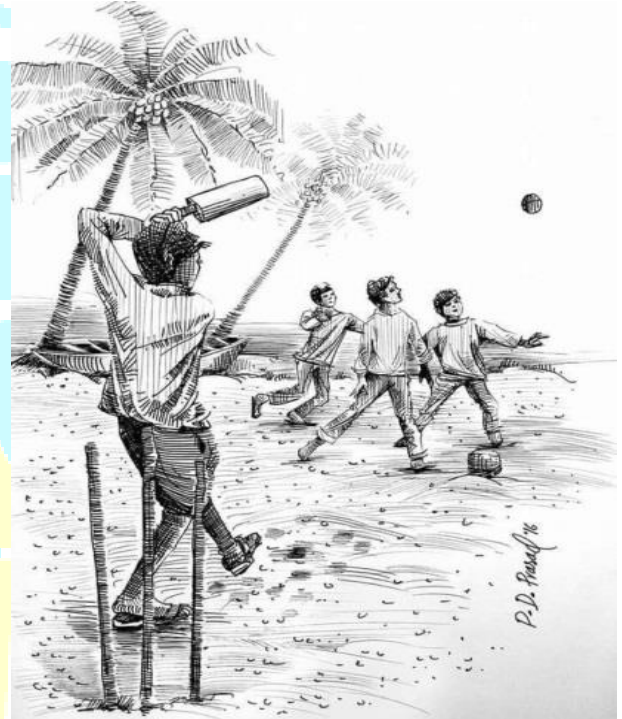
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**SUBJECT : PAINTING (049)**

**GRADE : XI**

1. \* Painting: Make any of this composition drawing while using any medium i.e shading, water colour, acrylic colour etc



# **SUBJECT: PHYSICAL EDUCATION (048)**

## **GRADE-XI**

**Write following topics in Physical Education Lab Manual Register in Approx 30 pages including front page, certificate , Index and Bibliography:**

Topics include:

- Practical-1: Fitness tests administration. (SAI Khelo India Test). Any 5 fitness tests
- Practical-2: Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.(Approx 8 asanas)
- Practical-3: Anyone one IOA recognized Sport/Game of choice. Labelled diagram of Field & Equipment. Also mention its Rules, Terminologies & Skills. (Any one game from Volleyball/ Badminton/Football/ Basketball)

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EDUCATING FOR EXCELLENCE



# **SUBJECT: YOGA (841)**

## **GRADE - XI**

**Make a practical file (Spiral or Report file) of approx. 25 pages including Front page, certificate page, Index, Bibliography and make a Project register of approx. 25 pages from the topics given below:**

**You can choose any topics related to yoga only and make a practical register of approx. 25 pages.**

- Yoga Etymology, definition, Aim, objective and misconception text
- Yoga origin, history and development
- Rules and regulations to be followed by yoga practitioners
- Introduction to Major schools of Yoga (Janan, Yoga Bhakti, Yoga Karma, Patanjali, Hatha)
- Introduction to yogic practices (Sukshama Vyayama, Surya Namaskar and Asanas)

**You can choose any topics related to yoga only and make a project file of approx. 25 pages.**

- Introduction and study of Patanjali Yoga Sutra including memorization of selected Sutra.
- Introduction and study of Bhagavad Gita including memorization of selected Slokas.
- Introduction of Hata Pradpika.
- Introduction and study of Gheranda Samhita.

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EDUCATING FOR EXCELLENCE

**Class - XI**  
**Subject - Marketing**

Date of Submission - 1st Day of school reopening.

**Marks : 20**

**Chapter 1: Communication Skills - III**

**Chapter 2: Self-Management Skills - III**

**General Instructions:**

- *Make this assignment in Fair Notebook (start by pasting front page for segregating it from past work).*
- Maintain neatness and proper presentation throughout your work.
- Revise your work before submission to avoid mistakes.

**Strict Warning:**

- Any assignment found copied from AI tools, internet sources, or other students will be REJECTED and awarded zero marks.
- Originality and understanding of the topic are mandatory.
- Students must be prepared for a Viva (oral test) based on their submitted assignment. (Teacher can ask explanation for each question).
- If a student is unable to explain their work during the viva, the assignment will be considered INVALID.

**Learning Objectives**

- Develop understanding of **communication methods and their effective use** in daily life.
- Build **self-management skills** like goal setting, time management, and emotional control.
- Enhance **self-awareness and practical skills** through activities like SWOT analysis and poster making.

**Section A – Short Answer Questions**(Every answer should be written in your own words, "Mistakes are acceptable, but copying is not.") (6 MARKS)

1. Define communication.
2. Name any two methods of communication.
3. What is non-verbal communication?
4. Define self-management.
5. What is time management?
6. What is self-motivation?

**Section B – Application Based Questions** (6 MARKS)

1. Differentiate between **verbal and non-verbal communication** with one example each.
2. Explain any **two attributes of self-management**.
3. Why is **effective communication important** in daily life? (Give any two reasons)

**Section C – Activity / Project Work (8 Marks)**

**Activity 1: Poster Making (4 Marks)**

Create a colourfull poster on:

**"Types of Communication"**

Include:

- Verbal
- Non-verbal
- Visual

**Activity 2: Self-Analysis Task (4 Marks)**

Prepare a **SWOT Analysis of Yourself**:

- Strengths
- Weaknesses
- Opportunities
- Threats

Also write **2 steps to improve yourself**.

Sl.No.	Department	Teacher's Name	E-mail ID
1	MATHEMATICS	SHIVKUMAR TIWARI (VP)	viceprincipal@academicworld.co.in
2		SHAILESH SHARMA	shailesh.sharma@academicworld.co.in
3		SHIVAM MISHRA	shivam.mishra@academicworld.co.in
4		SHUBHAM TIWARI	shubham.tiwari@academicworld.co.in
5		SONU PANDIT	sonu.pandit@academicworld.co.in
1	SCIENCE	NEETA RAICHA (ACO)	academiccoordinator@academicworld.co.in
2		AMIT KUMAR TIWARI	amit.tiwari@academicworld.co.in
3		DURGA TIWARI	durga.tiwari@academicworld.co.in
4		NEHA SARAF	neha.saraf@academicworld.co.in
5		PINKI DASRORA	pinki.dasrora@academicworld.co.in
6		RITU SHARMA	ritu.sharma@academicworld.co.in
7		SANJAY SONI	sanjay.soni@academicworld.co.in
8		SHABANA BANO	shabana.bano@academicworld.co.in
9		SHAIK HUSSAIN BASHA	shaik.basha@academicworld.co.in
10		SHWETA K. SINGH	shweta.singh@academicworld.co.in
11		SURAJ KUMAR	suraj.rout@academicworld.co.in
1	SPORTS	ALPHONSE LEPCHA	alphonse.lepcha@academicworld.co.in
2		ANIRUDH YADAV	anirudh.yadav@academicworld.co.in
3		KAJAL TANISHA	kajal.tanisha@academicworld.co.in
4		SHIVA GAUTAM	shiva.gautam@academicworld.co.in
5		VIDUSHI CHOUHAN	vidushi.chauhan@academicworld.co.in
1	COMMERCE	AMAN THAKKAR	aman.thakkar@academicworld.co.in
2		ATUL KUMAR RAI	atul.rai@academicworld.co.in
3		CHANDAN BOSE	chandan.bose@academicworld.co.in
4		DHEERAJ CHOUDHARY	dheeraj.chaudhary@academicworld.co.in
5		PRAGATI UPADHYAY	pragati.upadhyay@academicworld.co.in
6		PREETI SAINI	preeti.saini@academicworld.co.in
7		SAROJA BALA	saroja.bala@academicworld.co.in
8		VIBHOR PANDAY	vibhor.panday@academicworld.co.in
1	HINDI	ANAND KUMAR SHANDILYA	anand.shandilya@academicworld.co.in
2		ARVIND DUBEY	arvind.dubey@academicworld.co.in
3		GANESH CHANDRAVANSI	ganesh.ramchandravanshi@academicworld.co.in
4		MEDURAM GURJAR	meduram.gurjar@academicworld.co.in
5		RAJLAXMI KASHYAP	rajlaxmi.kashyap@academicworld.co.in
1	HUMANITIES	AYON SEN	ayon.sen@academicworld.co.in
2		GUNADHAR SINHA	gunadhar.sinha@academicworld.co.in
3		MANISHA DAS	manisha.das@academicworld.co.in
4		NAWAB HUSSAIN	nawab.hussain@academicworld.co.in
5		NRUPA NAG	nrupa.nag@academicworld.co.in
6		SUBORNO ROY	suborno.roy@academicworld.co.in
7		SURENDRA GINGH GURJAR	surendra.gurjar@academicworld.co.in
1	ENGLISH	ARINDAM SANTRA	arindam.santra@academicworld.co.in
2		BHALCHANDRA TIMANDE	balachandra.timande@academicworld.co.in
3		INDRANI SIL	indrani.sil@academicworld.co.in
4		JEETENDRA SONPAT	jeetendra.sonpat@academicworld.co.in
5		KUMARJEET SARKAR	kumarjeet.sarkar@academicworld.co.in
6		SACHIN KUMAR	sachin.kumar@academicworld.co.in
7		SUNITA GUPTA	sunita.gupta@academicworld.co.in
1	COMPUTER	BRIJESH KUMAR SONI	brijesh.soni@academicworld.co.in
2		JOY PRAKASH SHARMA	joy.sharma@academicworld.co.in
3		LIPI BASU	lipi.basu@academicworld.co.in
4		SOUMYA RANJAN NANAK	soumya.nayak@academicworld.co.in