



# DELHI WORLD PUBLIC SCHOOL MOGA



STRIVING TOWARDS PERFECTION

GRADE 10

ENGLISH

## HOLIDAY HOMEWORK

SYLLABUS (SUGGESTED): A LETTER TO GOD | NELSON MANDELA: LONG WALK TO FREEDOM | DUST OF SNOW | FIRE AND ICE

### MARKS BREAKUP

TASK 1 (SPEAKING)	5 MARKS
TASK 2 (LISTENING)	5 MARKS
TASK 3 (LITERATURE & ART)	5 MARKS
TASK 4 (VOCABULARY)	5 MARKS
PORTFOLIO (OUT OF 10)	10 MARKS

**TOTAL: 30 MARKS**

### 1 SPEAKING SKILLS TASK

5 MARKS

#### "Voices That Inspire"

Prepare a 2-3 minute speech on:

#### "The Importance of Positive Thinking in Student Life"

Include:

- ★ Real-life examples
- ★ Personal experiences
- ★ Importance of confidence and discipline
- ★ Strong concluding message



CRITERIA:

- ✓ Fluency & Confidence
- ✓ Pronunciation
- ✓ Expression & Eye Contact
- ✓ Content Relevance

- ★ Students must be ready for oral presentation after the vacations.

### 2 LISTENING SKILLS TASK

5 MARKS

Watch the motivational video:

"The Power of Yet" by Carol Dweck (TED-Ed)



Answer the following questions:

1. What does the word "Yet" teach us?
2. How can mistakes help us grow?
3. Mention one important message from the video.
4. What did you personally learn from it?
5. Write any two new vocabulary words with meanings.



INSTRUCTIONS:

- Write answers in complete sentences.
- Attempt neatly in your notebook.

### 3 LITERATURE & CREATIVE EXPRESSION

5 MARKS

#### Character Diary Entry

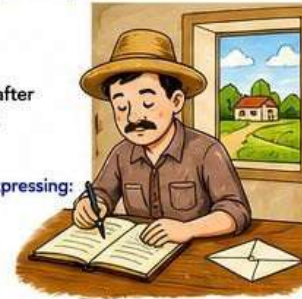
From the chapter:

#### "A Letter to God"

Imagine yourself as Lencho after receiving the letter from the post office.

Write a creative diary entry expressing:

- ★ Your feelings
- ★ Your faith in God
- ★ Your thoughts about the money received
- ★ Your hopes for the future



CRITERIA:

- ✓ Creativity
- ✓ Understanding of the chapter
- ✓ Expression of feelings
- ✓ Presentation & Neatness

Also Include:

A small hand-drawn illustration to the chapter.



### 4 GRAMMAR & VOCABULARY ENRICHMENT

5 MARKS

From the following chapters/poems:

- A Letter to God
- Nelson Mandela: Long Walk to Freedom
- Dust of Snow
- Fire and Ice

Do the following:

- ★ Choose 5 new words from each lesson/poem.

For every word, write:

- 1 Meaning
- 2 Synonym
- 3 Sentence of your own



TOTAL WORDS = 20

### 5 ENGLISH PORTFOLIO TASK

OUT OF 10

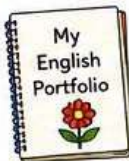
Prepare a creative English Portfolio File on the theme:

#### "Journey Through Literature"



#### 1 COVER PAGE

Creative title and decoration



#### 2 STUDENT INTRODUCTION

Short introduction about yourself



#### 3 LEARNING REFLECTION

What lessons did you learn from the English chapters?



#### 4 FAVOURITE CHAPTER/POEM REVIEW

Write about your favourite chapter or poem and why you liked it



#### 5 INSPIRATIONAL QUOTE PAGE

One meaningful quote with decoration



#### 6 CREATIVE WRITING PAGE

Choose any one: Poem / Short Story / Article / Paragraph / Doodle / Collage



#### 7 READING LOG

Mention one English book/story read during holidays



#### 8 SELF-ASSESSMENT

"How I can improve my English language skills"



CRITERIA:

- ★ Creativity & Originality
- ★ Language Accuracy
- ★ Presentation
- ★ Completion of all components



INCLUDE:



Drawings/Pictures



Colouring wherever required



Labels & Headings



Neat Handwriting



Creativity & Original Work

### GENERAL INSTRUCTIONS

- ★ Complete all tasks neatly in your English Holiday Homework notebook/file.
- ★ Use A4 sheets or a scrapbook/file for the portfolio.
- ★ Use colours, drawings, stickers, and creative presentation.

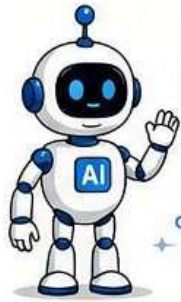


- ★ Submission date will be informed later by the school.
- ★ Do your best work independently.



Happy Holidays & Happy Learning!  
"Reading gives us wings to dream and confidence to achieve."





# DELHI WORLD FOUNDATION HOLIDAY HOMEWORK

## INFORMATION TECHNOLOGY – GRADE 10

*Learn Today, Lead Tomorrow!*



**TOTAL MARKS**

**30**

Task – 1 : 10 Marks

Task – 2 : 10 Marks

Additional Task : 10 Marks

### 1 INFORMATION TECHNOLOGY AND COMMUNICATION (10 MARKS)

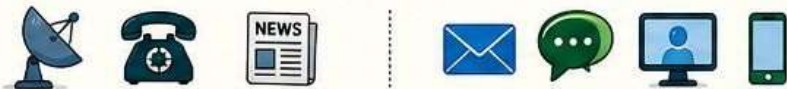
A. Answer the following questions:

1. What is Information Technology?
2. Explain the components of Information and Communication.
3. What are the advantages of IT in communication?
4. Name different means of digital communication.
5. How has IT changed communication today?



B. Differentiate between:

Traditional Communication	Digital Communication



### 2 ENTREPRENEURSHIP (10 MARKS)

A. Answer the following questions:

1. Define Entrepreneurship.
2. What are the qualities of a successful entrepreneur?
3. List any three problems faced by entrepreneurs.
4. Explain the role of entrepreneurship in economic development.



B. Case Study:

Riya started an online handmade craft store from her home. She used social media to promote her products and received good feedback from customers.

1. What type of entrepreneur is Riya?
2. Which qualities helped her become successful?
3. Suggest two ideas to grow her business.



“Technology is best when it brings people together.”

– Matt Mullenweg

### ADDITIONAL TASK (10 MARKS) – COMPLETE PRACTICAL FILE / PRACTICAL NOTEBOOK



Students must complete the practical notebook including:

- All practical exercises completed in class
- Screenshots / Printed outputs
- Step-by-step procedures
- Viva questions with answers
- Proper indexing and neat presentation

#### ASSESSMENT CRITERIA



Creativity



Presentation



Accuracy



Neatness



**BE SKILLED ★ BE CONFIDENT ★ BE FUTURE READY**



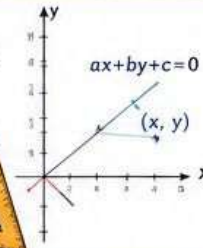


# DELHI WORLD PUBLIC SCHOOL MOGA

★ Striving Towards Perfection ★

## CLASS 10 - MATHEMATICS

# HOLIDAY HOMEWORK



**MARKS BREAKUP**

**SUBJECT ENRICHMENT ASSESSMENT (SEA) 20 MARKS**

**PORTFOLIO TASK 10 MARKS**

**TOTAL: 30 MARKS**

### 1 ARITHMETIC PROGRESSION (5 MARKS)

- Find the next three terms of the AP:
  - 2, 7, 12, 17, ...
  - 5, 0, 5, 10, ...
- Find the 20<sup>th</sup> term of the AP: 3, 8, 13, ...
- Find the sum of first 15 terms of the AP: 4, 9, 14, 19, ...
- If the 7<sup>th</sup> term of an AP is 27 and the 12<sup>th</sup> term is 52, find:
  - the first term (a)
  - the common difference (d)
- Solve the word problem.

The seating capacity of a stadium increases by the same number in each row. The first row has 28 seats and the 10<sup>th</sup> row has 73 seats. How many seats are there in the 20<sup>th</sup> row? How many seats are there in the first 20 rows?

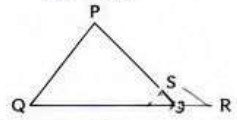
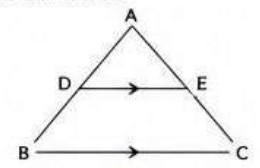
**FORMULA REMINDER**

$$a_n = a + (n - 1)d$$

$$S_n = \frac{n}{2} [2a + (n - 1)d]$$


### 2 TRIANGLE LS (5 MARKS)

- In  $\triangle ABC$ , if  $DE \parallel BC$ ,  $AD = 3$  cm,  $DB = 6$  cm and  $AE = 4.5$  cm. Find EC.
- In  $\triangle ABC$ ,  $AB = 6$  cm,  $AC = 8$  cm and  $BC = 10$  cm. Check whether  $\triangle ABC$  is right angled.
- In  $\triangle PQR$ , if  $\frac{PQ}{PR} = \frac{QS}{SR}$ , prove that  $QS \parallel PR$ .
- In  $\triangle ABC$ , if  $AB = AC$ , prove that base angles are equal.
- If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, prove that it divides the other two sides in the same ratio.



**KEY THEOREMS**

- Basic Proportionality Theorem (Thales Theorem)
- Converse of BPT
- Pythagoras Theorem:  $a^2 + b^2 = c^2$  (in right  $\triangle$ )
- Isosceles Triangle Theorem

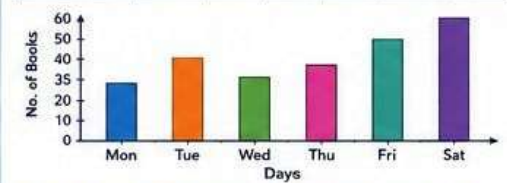
### 3 STATISTICS (5 MARKS)

- Find the mean of the following data: 10, 15, 18, 20, 22, 25, 30
- Find the median of the following data: 5, 7, 7, 8, 10, 12, 15
- The following table shows the marks obtained by students in a test. Find the mode.

Marks (x)	0-10	10-20	20-30	30-40	40-50
No. of Students (f)	5	12	24	9	5

- Draw a bar graph for the given data: Number of books sold by a bookshop in a week

Day	Mon	Tue	Wed	Thu	Fri	Sat
No. of Books	20	35	25	30	40	50



- If the mean of 5 numbers is 18 and one number is 28, find the mean of the remaining 4 numbers.

FORMULAS	Median	Mode
$\bar{x} = \frac{\sum x}{n}$	Middle value (of arranged data)	Value with highest frequency

### 4 PROBABILITY (5 MARKS)

- A coin is tossed once. What is the probability of getting:
  - a head
  - a tail
- A die is thrown once. What is the probability of getting:
  - an odd number
  - a number greater than 4
- A box contains 5 red balls, 4 blue balls and 3 green balls. One ball is drawn at random. Find the probability of getting:
  - a red ball
  - a blue ball
  - a green ball
- Two cards are drawn from a deck of 52 cards. Find the probability of getting:
  - two kings
  - one king and one queen
- A letter is chosen at random from the word 'MATHEMATICS'. What is the probability that the letter chosen is:
  - a vowel
  - a consonant

**FORMULA**

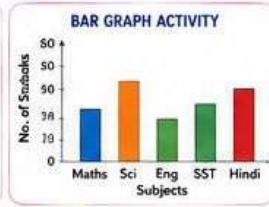
$$\text{Probability (P)} = \frac{\text{Number of favourable outcomes}}{\text{Total number of outcomes}}$$

### PORTFOLIO TASK (10 MARKS) "MATHEMATICS IN REAL LIFE"

- Make a creative scrapbook / portfolio including:
- ★ AP in real life examples
  - ★ Triangle theorem models
  - ★ Statistics activity (charts & graphs)
  - ★ Probability activities
  - ★ Real-life applications of mathematics
  - ★ Puzzle corner and brain teasers

**AP PATTERN ART**

**TRIANGLE MODEL**



- Portfolio Instructions:**
- ✓ Use A4 sheets / scrapbook file
  - ✓ Neat handwriting and colouring
  - ✓ Add labels and pictures
  - ✓ Make the portfolio creative and attractive

**INCLUDE:**

- Colouring
- Drawings / Pictures
- Labels
- Mathematical Practice
- Neat Handwriting
- Creativity

**★ GENERAL INSTRUCTIONS ★**

- Complete the work neatly in scrapbook/spiral file.
- Use proper colouring and neat presentation.
- Submit neatly labelled work with Name, Class & Section.



$a^2 + b^2 = c^2$

# ਛੁੱਟੀਆਂ ਦਾ ਕੰਮ – ਪੰਜਾਬੀ

## ਜਮਾਤ ਦਸਵੀਂ

ਕੁੱਲ ਅੰਕ: 30



### ਕਾਰਜ-1 : ਸਾਹਿਤ ਅਧਾਰਿਤ ਗਤੀਵਿਧੀ (5 ਨੰਬਰ)

ਹੇਠਾਂ ਦਿੱਤਿਆਂ ਵਿੱਚੋਂ ਕੋਈ ਇੱਕ ਪਾਠ ਦੇ ਆਧਾਰ ਵਿਸ਼ਾ ਚੁਣ ਕੇ ਉਸ ਦੇ ਨਾਲ ਸੰਬੰਧਿਤ ਕਲਾਕ੍ਰਿਤੀ ਨਵੇਂਕਲੇ ਢੰਗ ਨਾਲ ਪੇਸ਼ ਕਰੋ।

- ★ ਸੋ ਕਿਉ ਮੰਦਾ ਆਖੀਐ
- ★ ਘਰ ਦਾ ਪਿਆਰ
- ★ ਕੁਲਫੀ



ਪਾਠਾਂ ਦੇ ਆਧਾਰ ਤੇ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਪਾਠਾਂ ਦਾ ਸਾਰ 10 ਤੋਂ 15 ਲਾਈਨਾਂ ਵਿੱਚ ਲਿਖੋ।

### ਕਾਰਜ-2 : ਸੁਣਨ ਕੋਸ਼ਲ (5 ਨੰਬਰ)

ਹੇਠਾਂ ਦਿੱਤੇ ਗਈ ਲਿੰਕ ਨੂੰ ਉਪਨ ਕਰੋ ਅਤੇ ਸੁਣਨ ਕੋਸ਼ਲ ਦਾ ਅਭਿਆਸ ਕਰਦੇ ਹੋਏ ਦਿੱਤੇ ਹੋਏ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ।

<https://youtu.be/QRonSlkbDil?si=RmiNiNNXQPnQloxQ>

1. ਲੇਖਕ ਦਾ ਖੇਤ ਕਰ ਤੋਂ ਕਿੰਨੀ ਦੂਰ ਸੀ ?
2. ਦਿਨੇ ਖੇਤ ਕੀ ਕਰਨ ਲਈ ਲੇਖਕ ਨੂੰ ਜ਼ਰੂਰ ਜਾਣਾ ਪੈਂਦਾ ਸੀ ?
3. ਲੇਖਕ ਕਿਹੜੀਆਂ ਕਹਾਣੀਆਂ ਸੁਣਦਾ ਸੀ ?
4. ਡਰ ਨੂੰ ਹਟਾਉਣ ਲਈ ਲੇਖਕ ਅਤੇ ਲੇਖਕ ਦੀ ਭੈਣ ਨੇ ਕਿਹੜਾ ਤਰੀਕਾ ਵਰਤਿਆ ?
5. ਰਾਣੀ ਨੇ ਰਾਜੇ ਤੋਂ ਕਦੋਂ ਅਤੇ ਕਿਹੜਾ ਵਾਅਦਾ ਮੰਗਿਆ ?



### ਕਾਰਜ-3 : ਲੇਖ ਅਤੇ ਪੱਤਰ ਰਚਨਾ (5 ਨੰਬਰ)

ਲਿਖੋ

ਇੱਕ ਲੇਖ:

“ਵਿਦਿਆਰਥੀ ਜੀਵਨ ਵਿੱਚ ਅਨੁਸ਼ਾਸਨ ਦਾ ਮਹੱਤਵ”

ਅਤੇ

ਇੱਕ ਪੱਤਰ:

ਆਪਣੇ ਦੋਸਤ ਨੂੰ ਇੱਕ ਪੱਤਰ ਲਿਖੋ ਆਪਣੀਆਂ ਛੁੱਟੀਆਂ ਬਿਤਾਉਣ ਸੰਬੰਧੀ।



### ਕਾਰਜ-4 : ਅਣਡਿੱਠਾ ਪੈਰਾ ਅਤੇ ਕਾਕਿ ਟੁਕੜੀ (5 ਨੰਬਰ)



ਪੇਂਡੇ 'ਅਣਡਿੱਠਾ ਪੈਰਾ ਅਤੇ ਇੱਕ ਕਵਿਤਾ ਆਪਣੀਆਂ ਕਿਤਾਬਾਂ ਵਿੱਚੋਂ ਅਤੇ ਆਪਣੀ ਬੁੱਢੀ ਦਾ ਪ੍ਰਫੋਗ ਕਰਦੇ ਹੋਏ ਪ੍ਰਸ਼ਨਾਂ ਦਾ ਇੱਕ ਮਾਡਲ ਤਿਆਰ ਕਰੋ ਅਤੇ ਆਪਣੀਆਂ ਕਾਪੀਆਂ ਤੇ ਲਿਖੋ।

### ਕਾਰਜ ਨਾਲ ਸੰਬੰਧਿਤ ਫਾਈਲ: “ਮੈਰੀ ਪੰਜਾਬੀ ਸਾਹਿਤਕ ਅਤੇ ਵਿਆਕਰਣ ਫਾਈਲ” (10 ਨੰਬਰ)

ਕਲਾ ਕ੍ਰਿਤੀ ਦਾ ਪ੍ਰਫੋਗ ਕਰਦੇ ਹੋਏ ਫਾਈਲ ਦੇ (6-8 ਪੇਜ) ਤਿਆਰ ਕਰੋ।



ਬਹੁਅਰਥਕ ਸ਼ਬਦ



ਸਮਾਸੀ ਸ਼ਬਦ



ਅਗੇਤਰ-ਪਿਛੇਤਰ



ਮੁਹਾਵਰੇ



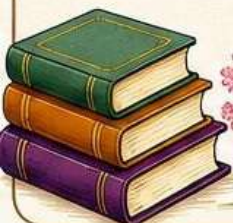
ਪੱਤਰ ਰਚਨਾ



ਲੇਖ ਰਚਨਾ



ਕਿਸੇ ਇੱਕ ਕਵਿਤਾ/ਕਹਾਣੀ ਦਾ ਚਿੱਤਰ ਸਹਿਤ ਸੰਖੇਪ ਵਰਣਨ



ਖੁਸ਼ੀਆਂ ਭਰੀ ਸਿੱਖਿਆ & ਖੁਸ਼ੀਆਂ ਭਰੀਆਂ ਛੁੱਟੀਆਂ!



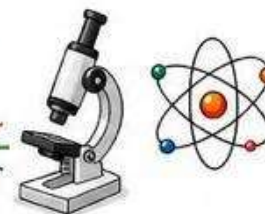


# DELHI WORLD PUBLIC SCHOOL, MOGA

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**CLASS X – SCIENCE**

## HOLIDAY HOMEWORK



**MARKS BREAKUP**

**SUBJECT ENRICHMENT  
ASSESSMENT (SEA)  
20 MARKS**

**PROJECT FILE  
10 MARKS**

**TOTAL: 30 MARKS**

### PROJECT FILE (10 MARKS)

**1 ROLL NO. 1-9**

#### TYPES OF CHEMICAL REACTIONS

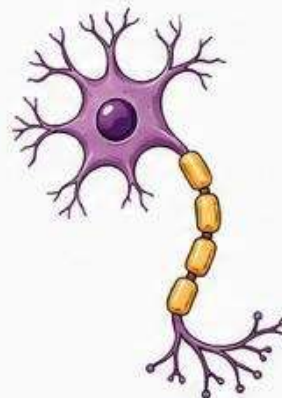
- ★ Prepare a project file on Types of Chemical Reactions.
- ★ Include explanation of each type of reaction.
- ★ Write chemical equations and give examples.
- ★ Add labelled diagrams wherever required.
- ★ Mention real-life applications.



**2 ROLL NO. 10-14**

#### NEURON PROJECT

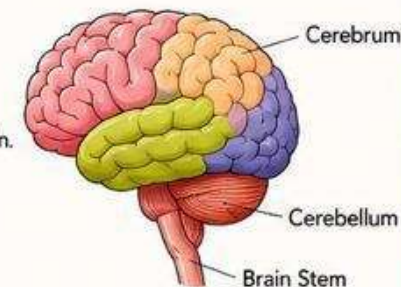
- ★ Prepare a Neuron model along with a project file.
- ★ Include structure of a neuron.
- ★ Label all the parts.
- ★ Write functions of each part.
- ★ Add diagrams and present your work neatly.



**3 ROLL NO. 15-18**

#### BRAIN PROJECT

- ★ Prepare a Brain model along with a project file.
- ★ Include structure of the human brain.
- ★ Label major parts.
- ★ Write functions of each part.
- ★ Add relevant diagrams and present creatively.



#### PROJECT FILE INSTRUCTIONS



- ★ Use A4 sheets / scrapbook file.
- ★ Maintain neat handwriting and colouring.
- ★ Add suitable pictures and labels.
- ★ Use proper headings and subheadings.
- ★ Present the work creatively and attractively.



#### PROJECT ASSESSMENT CRITERIA (10 MARKS)

	Content & Research	2 Marks
	Presentation & Creativity	2 Marks
	Diagrams & Labelling	2 Marks
	Neatness & Organisation	2 Marks
	Real-life Applications	2 Marks

#### ADDITIONAL TASKS

**TASK 1**

Complete Lab Manual of all 12 experiments.



(10 MARKS)

**TASK 2**

Solve 10 years sample papers from the syllabus completed from February-May.



(10 MARKS)

#### GENERAL INSTRUCTIONS



Complete the work neatly in scrapbook/project file.



Use proper colouring and neat presentation.



Add relevant pictures and labels.



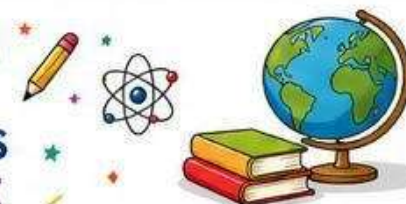
Use proper headings and subheadings.



Submit neatly labelled work with Name, Class & Section.



**THINK POSITIVE  
WORK SMART  
SOLVE PROBLEMS  
ENJOY SCIENCE**



DISCIPLINE



DEDICATION



DETERMINATION



EXCELLENCE



# DELHI WORLD PUBLIC SCHOOL MOGA

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## CLASS 10 – SOCIAL SCIENCE (S.ST)

# HOLIDAY HOMEWORK



**MARKS BREAKUP**  
**SUBJECT ENRICHMENT ASSESSMENT (SEA)**  
**20 MARKS**  
**PORTFOLIO TASK**  
**10 MARKS**  
**TOTAL: 30 MARKS**

### 1 RESOURCES AND DEVELOPMENT

(5 MARKS)

- Answer the following:
1. What are resources?
  2. Classify resources on the basis of exhaustibility.
  3. How are resources distributed unevenly on the Earth?
  4. Explain the relationship between resources and development.
  5. Suggest five ways to conserve resources.



SAVE RESOURCES, SECURE FUTURE!

### 2 WATER RESOURCES

- Answer the following:
1. Why is water an important resource?
  2. What are the different sources of water?
  3. Describe any three major river systems of India.
  4. What are the causes of water scarcity?
  5. Suggest measures to conserve water.



WATER IS LIFE – CONSERVE IT!

### 3 FEDERALISM

(5 MARKS)

- Answer the following:
1. What is federalism?
  2. What are the features of federalism in India?
  3. List the powers of the Union, State and Concurrent lists.
  4. Why is federalism considered important in India?
  5. Draw a neat diagram of the division of powers in India.



UNITY IN DIVERSITY THROUGH FEDERALISM

### 4 THE RISE OF NATIONALISM IN EUROPE

(5 MARKS)

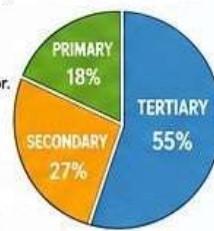
- Answer the following:
1. What is nationalism?
  2. How did the idea of nationalism spread in Europe?
  3. What was the impact of the French Revolution on nationalism?
  4. Explain the unification of Germany and Italy.
  5. Write any five results of nationalism in Europe.



### 5 SECTORS OF THE INDIAN ECONOMY

(5 MARKS)

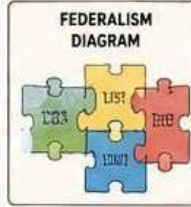
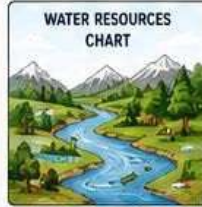
- Answer the following:
1. What is meant by economic activity?
  2. What are the three sectors of the Indian economy?
  3. Give two examples of each sector.
  4. Why is the tertiary sector growing in India?
  5. Draw a pie chart to show the contribution of three sectors to GDP.



### PORTFOLIO TASK (10 MARKS)

### MY INDIA – RESOURCES, DEMOCRACY & DEVELOPMENT

- Students will prepare a creative scrapbook / portfolio including:
- ★ Poster on Resource Conservation
  - ★ Timeline on the Rise of Nationalism in Europe
  - ★ Chart on Water Resources of India
  - ★ Information on Sectors of Indian Economy
  - ★ Diagram on Federalism in India
  - ★ A short article on "Sustainable Development" and Our Responsibility"



**Portfolio Instructions:**

- Use A4 sheets / scrapbook file
- Neat handwriting and colouring
- Add labels and pictures
- Make the portfolio creative and attractive

**INCLUDE:**

- Drawings / Pictures
- Colouring
- Labels
- Short Sentences
- Neat Handwriting
- Creativity

**GENERAL INSTRUCTIONS**

- Use neat handwriting.
- Do colouring wherever required.
- Complete the work in scrapbook / spiral file.
- Encourage independent work by the child.
- Submit the work neatly labelled with Name, Class & Sec.

Happy Learning & Happy Holidays!

