

# R.V. NORTHLAND INTERNATIONAL SCHOOL

# HOLIDAYS HOMEWORK 2025-26 CLASS-X

# **Guidelines for a Productive & Enriching Learning Journey**

- Parental Involvement (Where needed): While independence is key, feel free to seek guidance from parents or mentors when tackling complex topics.
- Stay Organized: Maintain separate folders or files for each subject. Label all worksheets/sample papers with your Name, Class, Roll Number, and Subject.
- Concept Clarity is Key: Don't just solve understand! Revisit NCERTs, class notes, and concept videos to strengthen fundamentals.
- Practice Makes Progress: Dedicate time daily to complete sample papers and worksheets. Stick to examlike time limits to build confidence and speed.
- Neat & Smart Presentation: Ensure your written work is legible, structured, and presentable remember, presentation reflects discipline.
- Revise Strategically: Revise topics covered in April and May using mind maps, flowcharts, or bullet-point notes. Use flashcards for quick recall.
- Strengthen Weak Areas: Identify topics you found challenging in school use this time to revisit and master them.
- Communicate in English: Practice spoken English with peers or family to enhance fluency essential for academic and future success.
- Self-Evaluation: After solving a sample paper, check your answers using answer keys or marking schemes to analyze mistakes and improve.
- Break, Breathe, Balance: Take breaks between study sessions. Pursue a hobby, read a novel, or take a walk
   mental freshness improves retention.
- Plan Your Time: Follow a daily planner balance academic work with relaxation. Doing a little every day
  prevents last-minute stress.

### HOLIDAY REMINDER

Recharge your body, refresh your mind, and return with renewed energy. We look forward to seeing your hard work, creativity, and confidence in full bloom!

With Best Regards Class Teacher

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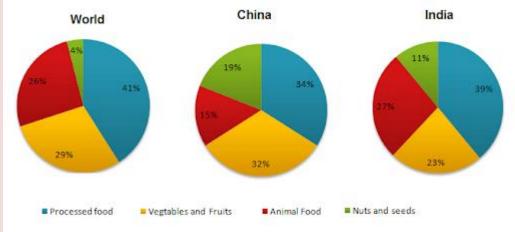
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# **English**

# English, Language & Literature (184)

# **Holiday Homework / Assignments**

- 1. Prepare a project file on "Footprints Without Feet".
- 2. Make a Tense Chart with examples in your fair notebook (Grammar & Writing Skills).
- 3. Download and paste a Verb Forms List in your fair notebook (Grammar & Writing Skills).
- 4. WORKSHEET FOR PRACTICE
- i. Below given are three pie charts showing consumption habits of India, China and World overall in 2008. Write an analytical paragraph describing the pie charts (100-120 words).

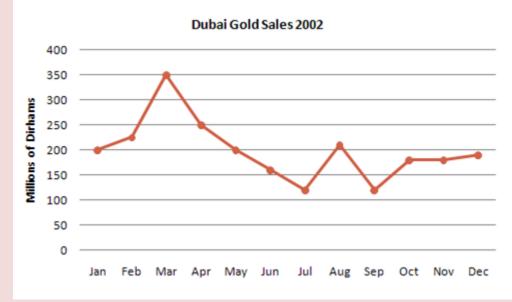


 ${
m ii.}$  The following table shows details about the internet activities for six categories for different age groups. Write an analytical paragraph for the table given in around 150-200 words.

Internet Activities by Age Group

	Age group						
Activity%	Teens	20s	30s	40s	50s	60s	70+
Get News	76	73	76	75	71	74	70
Online games	81	54	37	29	25	25	32
Downloads	52	46	27	15	13	8	6
Product research	0	79	80	83	79	74	70
Buying a product	43	68	69	68	67	65	41
Searching for people	5	31	23	23	24	29	27

iii. The graph given shows estimated sales of gold in Dubai in 2002. Write an analytical paragraph describing the line graph in around 150 words.



# **HINDI**

# हिंदी कार्य पत्रिका

निम्न दी गई कार्य पत्रिका को अपनी हिंदी की कॉपी में पुरा कीजिए-

- 1.निम्न दिए गए पठित काव्यांश को ध्यानपूर्वक पढ़कर नीचे लिखे बह्विकल्पीय प्रश्नों के उत्तर दीजिए-
- क.ऐसी बाँणी बोलिये , मन का आपा खोइ।

अपना तन सीतल करें ,औरन कौ स्ख होइ।।

- Q1. पद्यांश में कैसी वाणी का प्रयोग करने की सलाह दी गई है -
- (क) ऐसी बाँणी
- (ख) मीठी वाणी
- (ग) सीतल वाणी
- (घ) कठोर वाणी
- Q2. ' मन का आपा ' से क्या अभिप्राय है -
- (क) मन का अहंकार
- (ख) मन का द्ःख
- (ग) मन की ख़्शी
- (घ) मन का स्वभाव
- Q3. किस चीज़ का त्याग करके मीठी वाणी को अपनाने की सलाह दी गई है ?
- (क) अपना स्वभाव
- (ख) दूसरों की ख़ुशी
- (ग) तन की शीतलता
- (घ) मन का अहंकार
- Q4. पद्यांश के अनुसार हम दूसरों को सुख कैसे दे सकते है ?
- (क) अपना स्वभाव बदलने से
- (ख) मीठी वाणी बोलने से
- (ग) तन की शीतलता से
- (घ) अहंकार का त्याग करके
- (5) मीठी वाणी बोलने से क्या लाभ बताए गए हैं?
- (क) मन स्वस्थ होता है
- (ख) दूसरों को सुख प्राप्त होता है
- (ग) तन शीतल होता है
- (घ) उपरोक्त सभी

ख.जब मैं था तब हरि नहीं , अब हरि हैं मैं नांहि।

सब अँधियारा मिटी गया , जब दीपक देख्या माँहि।।

# Q1. पद्यांश में ' मैं ' शब्द किसके लिए प्रयुक्त ह्आ है ?

- (क) कवि के लिए
- (ख) अहंकार के लिए
- (ग) पाठकों के लिए
- (घ) ईश्वर के लिए

# Q2. पद्यांश का आशय है -

- (क) भगवान् और अहंकार एक साथ वास करते हैं
- (ख) अंधकार और दीपक का सम्बन्ध घनिष्ठ है
- (ग) अहंकार और ईश्वर कभी एक साथ वास नहीं कर सकते
- (घ) अहंकार का नाश आवश्यक है

# Q3. ' जब मैं था तब हरि नहीं ' से क्या तात्पर्य है ?

- (क) जब मन में अहंकार था तब इसमें परमेश्वर का वास नहीं था
- (ख) जब अहंकार था तब भी परमेश्वर का वास था
- (ग) अहंकार और परमेश्वर साथ नहीं है
- (घ) कवि का परमेश्वर से मेल नहीं हो पाया

# Q4. अज्ञान रूपी अन्धकार को मिटाने के लिए क्या आवश्यक है?

- (क) मन में अहंकार
- (ख) मन से अहंकार का नाश
- (ग) मन में ज्ञान रूपी दीपक का वास
- (घ) परमेश्वर नमक दीपक के दर्शन

# Q5. निम्नलिखित वाक्यों को ध्यानपूर्वक पढ़कर पद्यांश से मेल खाते वाक्यों को चुनिए ?

- (क) जब इस हृदय में 'मैं ' अर्थात मेरा अहंकार था तब इसमें परमेश्वर का वास नहीं था
- (ख) हृदय में अहंकार नहीं है तो इसमें प्रभु का वास है
- (ग) जब परमेश्वर नमक दीपक के दर्शन हुए तो अज्ञान रूपी अहंकार का विनाश हो गया
- (घ) उपरोक्त सभी

# 2. निम्न दिए गए प्रश्नों के उत्तर अपनी कॉपी में कीजिए-

क.ऐसैं घटि घटि राँम है ' के माध्यम से कबीर जी मनुष्य को संसार के किस सत्य से परिचित कराना चाहते हैं और ईश्वर हर प्राणी में है , यह समझाने के लिए कबीर जी ने क्या उदहारण प्रस्तृत किया है ?

ख.साखी " पाठ का सार अपने शब्दों में लिखिए।

ग.कवयित्री मीरा ने श्रीकृष्ण को उनकी क्षमताओं का स्मरण क्यों कराया?

घ.मीरा अपने आराध्य श्रीकृष्ण का दर्शन और सामीप्य पाने के लिए क्या-क्या उपाय करती हैं?

# नोट — आपको अपना परियोजना संबंधी गृह कार्य एक परियोजना फाइल बनाते हुए करना है। पत्र और अनुच्छेद लेखन अपनी व्याकरण की कॉपी में अनिवार्य रूप से करना है।

- 1. हिंदी विषय की अपनी सुंदर परियोजना कार्य फाइल तैयार करते हुए 'मुंशी प्रेमचंद' व उनके पाठ 'बड़े भाई साहब' संबंधी परियोजना तैयार कीजिए।
- 2. परियोजना फाइल में 'संत कबीर दास' व उनके पाठ 'साखी' संबंधी परियोजना तैयार कीजिए।
- 3. परियोजना फ़ाइल में कबीर व मीरा की भक्ति में उनके दोहो व पदों की विशेषताओं के साथ अंतर स्पष्ट कीजिए।
- 4.निम्न दिए गए विषयों पर 160 से 180 शब्दों तक अनुच्छेद तैयार कीजिए-

क. नई शिक्षा नीति ख.कृत्रिम बुद्धिमता

# **MATHEMATICS**

# Summer Vacation Home Work 2025 - 2026

Class: X MATHEMATICS

# **Previous year Board questions**

1.	Two tankers contain 850 litres and 680 litres of petrol respectively. Find the maximum capacity of	of a container
	which can measure the petrol of either tanker in exact number of times.	[CBSE 2016]
2.	Find the value of: $(-1) + (-1)^{2n} + (-1)^{2n+1} + (-1)^{4n+1}$ , where n is any positive odd integer	r. [CBSE 2016]
3.	Are the square-roots of all non-negative integers irrational? Give an example.	[CBSE 2010]
4.	Find a rational number between $\sqrt{2}$ and $\sqrt{3}$ .	[CBSE 2019 C]
5.	Explain whether the number $3 \times 5 \times 13 \times 46 + 23$ is a prime number or a composite number.	[CBSE 2016]
6.	Three bells toll at intervals of 12 minutes, 15 minutes and 18 minutes respectively. If they start t	colling together,
	after what time will they next toll together?	[CBSE 2015]
7.	Show that $9^{ m n}$ can not end with digit 0 for any natural number n.	[CBSE 2014]
8.	Find HCF of 378,180 and 420 by prime factorisation method. Is HCF x LCM of three numbers equ of the three numbers? [CBSE 2	
9.	An army contingent of 1000 members is to march behind an army band of 56 members in a para	
	groups are to march in the same number of columns. What is the maximum number of columns	
	can march?	[CBSE 2011]
10.	The LCM of two numbers is 14 times their HCF. The sum of LCM and HCF is 600. If one number is	280, then find
	the other number.	[CBSE 2012]
11.	The HCF of 45 and 105 is 15. Write their LCM.	[CBSE 2010]
12.	Find the [HCF X LCM] for the numbers 100 and 190.	[CBSE 2009]
13.	The HCF and LCM of two numbers are 9 and 360 respectively. If one number is 45, write the oth [CBSE 2008]	er number.
14	Find the sum of exponents of prime factors in the prime factorisation of 196.	[CBSE 2020]
	HCF of two numbers is 27 and their LCM is 162. If one of the numbers is 54, then find the other	
	[CBSE 2020]	,
16.	What is the HCF of smallest primer number and the smallest composite number?	[CBSE 2018]
	If HCF(336, 54) = 6, find LCM(336, 54).	[CBSE 2019]
	Explain why 13233343563715 is a composite number?	[CBSE 2016]
19.	a and b are two positive integers such that the least prime factor of a is 3 and the least prime fac	ctor of b is 5.
	Then calculate the least prime factor of $(a + b)$ .	[CBSE 2014]
20.	Calculate the HCF of $3^3 \times 5^2$ and $3^2 \times 5^2$ .	[CBSE 2007]
21.	If HCF $(a,b) = 12$ and $a \times b = 1,800$ , then find LCM $(a,b)$ .	[CBSE 2019]
22.	Find the least number that is divisible by all numbers between 1 and 10 (both inclusive).	[CBSE 2010]
23.	Find HCF of the numbers given below:	
	k, 2k, 3k, 4k and 5k,, where k is a positive integer.	[CBSE 2015]
	Find the HCF and LCM of 510 and 92 and verify that HCF × LCM = Product of two given numbers.	
	If $\alpha$ , $\beta$ are the zeroes of a polynomial, such that $\alpha + \beta = 6$ and $\alpha\beta = 4$ , then write the polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ and $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of a polynomial $\alpha$ , $\beta$ are the zeroes of $\alpha$ and $\beta$ are the zeroes of $\alpha$ are the zeroes of $\alpha$ and $\beta$ are the zeroes of $\alpha$ and $\beta$ are the zeroes of $\alpha$	
	If one zero of the polynomial $x^2 - 4x + 1$ is 2+v3, write the other zero.	[CBSE 2010]
	For what value of k, $-4$ is a zero of the polynomial $x^2 - x - (2k + 2)$ ?	[CBSE 2009]
	Write the polynomial, the product and sum of whose zeroes are $\frac{-9}{2}$ and $\frac{-3}{2}$ respectively.	[CBSE 2009]
	If 1 is a zero of the polynomial $p(x) = ax^2 - 3(a-1)x - 1$ , find the value of a.	[CBSE 2009]
30.	The sum and product of the zeroes of a quadratic polynomial are $-\frac{1}{2}$ and $-3$ respectively. Wh	at is the
	quadratic polynomial?	[CBSE 2008]
	Prove that $(4\sqrt{2}+5/3)$ is an irrational number, given that 2 is an irrational number.	[CBSE 2025]
32.	Prove that $\left(\sqrt{3}+\sqrt{5}\right)^2$ is an irrational number.	[CBSE 2015]
	Show that $2\sqrt{2}$ is an irrational number.	[CBSE 2014]
34.	Show that reciprocal of $3+2\sqrt{2}$ is an irrational number.	[CBSE 2016]
35.	Show that $\frac{2\sqrt{3}}{5}$ is an irrational number.	[CBSE 2011]
	3	

# CASE STUDIES

## **CASE STUDY 1**

The below picture are few natural examples of parabolic shape which is represented by a quadratic polynomial. A parabolic arch is an arch in the shape of a parabola. In structures, their curve represents an efficient method of load, and so can be found in bridges and in architecture in a variety of forms.





- 1. In the standard form of quadratic polynomial,  $ax^2 + bx + c$ , a, b and c are a) All are real numbers.
- d) All are integers.

b) All are rational numbers.

- c) 'a' is a non-zero real number and b and c are any real numbers.
- 2. If the roots of the quadratic polynomial are equal, where the discriminant  $D = b^2 4ac$ , then
- a) D > 0
- b) D < 0
- c) D

- d) D = 0
- 3. If  $\alpha$  and  $\frac{1}{\alpha}$  are the zeroes of the quadratic polynomial  $2x^2 x + 8k$  then k is a) 4 b)  $\frac{1}{4}$  c)  $\frac{-1}{4}$

d) 2

- 4. The graph of  $x^2+1=0$
- a) Intersects x-axis at two distinct points.
- b) Touches x-axis at a point.
- c) Neither touches nor intersects x-axis.
- d) Either touches or intersects x- axis.
- 5. If the sum of the roots is –p and product of the roots is - $\frac{1}{p}$ , then the quadratic polynomial is

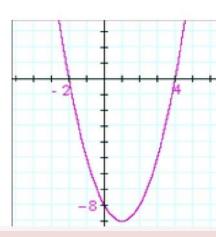
- a)  $k(-px^2 + \frac{x}{p} + 1)$  b)  $k(px^2 \frac{x}{p} 1)$  c)  $k(x^2 + px \frac{1}{p})$
- d) )  $k(x^2 px + \frac{1}{p})$

### **CASE STUDY 2**

An asana is a body posture, originally and still a general term for a sitting meditation pose, and later extended in hatha yoga and modern yoga as exercise, to any type of pose or position, adding reclining, standing, inverted, twisting, and balancing poses. In the figure, one can observe that poses can be related to representation of quadratic polynomial.







- 1. The shape of the poses shown is
- a) Spiral
- b) Ellipse
- c) Linear

- d) Parabola
- 2. The graph of parabola opens downwards, if \_\_\_\_\_
- a)  $a \ge 0$
- b) a = 0
- c) a < 0

- 3. In the graph, how many zeroes are there for the polynomial?
- a) 0
- b) 1
- c) 2
- d) 3
- 4. The two zeroes in the above shown graph are

- a) 2, 4
- b) -2, 4

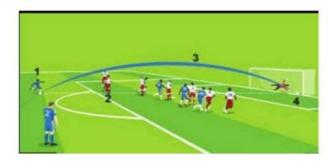
- c) -8, 4
- d) 2,-8
- 5. The zeroes of the quadratic polynomial  $4\sqrt{3} x^2 + 5x 2\sqrt{3}$  are
- a)  $\frac{2}{\sqrt{3}}$ ,  $\frac{\sqrt{3}}{4}$
- b)  $\frac{-2}{\sqrt{3}}, \frac{\sqrt{3}}{4}$

- c)  $\frac{2}{\sqrt{3}}, \frac{-\sqrt{3}}{4}$  d)  $-\frac{2}{\sqrt{3}}, -\frac{\sqrt{3}}{4}$

# **CASE STUDY 3**

Basketball and soccer are played with a spherical ball. Even though an athlete dribbles the ball in both sports, a basketball player uses his hands and a soccer player uses his feet. Usually, soccer is played outdoors on a large field and basketball is played indoor on a court made out of wood. The projectile (path traced) of soccer ball and basketball are in the form of parabola representing quadratic polynomial.





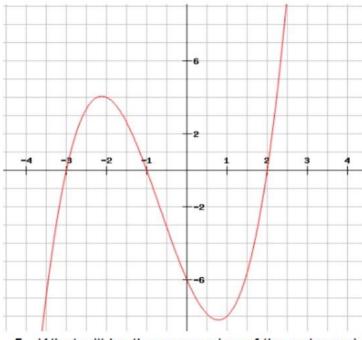
- 1. The shape of the path traced shown is
- a) Spiral

- b) Ellipse
- c) Linear
- d) Parabola

- 2. The graph of parabola opens upwards, if \_\_
- a) a = 0

- b) a < 0
- c) a > 0
- d)  $a \ge 0$

3. Observe the following graph and answer



- In the graph, how many zeroes are there for the polynomial?
- a) 0
- b) 1
- c) 2
- d) 3
- 4. The three zeroes in the above shown graph are
- b) 2, 3,-1
- c) -2, 3, 1
- d) -3, -1, 2
- e) -2, -3, -1
- 5. What will be the expression of the polynomial?

a) 
$$x^3 + 2x^2 - 5x - 6$$

b) 
$$x^3 + 2x^2 - 5x + 6$$

c) 
$$x^3 + 2x^2 + 5x - 6$$

$$d)|x^3 + 2x^2 + 5x + 6$$

# Subject Enrichment Activity

1. To obtain the conditions for consistency of a system of linear equations in two variables by graphical method. (To be done in the activity notebook.)

Step of Activities: 1. Aim 2. Materials required 3. Procedure 4. Observation 5. Conclusion)

# **BIOLOGY**

- 1. Students are expected to complete their practical work in lab manual
- 2. Prepare a PPT on the topic "Effect of drugs on nervous system". This will be represented by you in your class.

# **BIOLOGY WORKSHEET**

- 1. Describe the various modes of nutrition in plants. Give examples of each.
- 2. What is transpiration? Explain its significance in plants.
- 3. Discuss the mechanism of breathing in humans and differentiate between respiration and breathing.
- 4. Define the following terms: digestion, absorption, assimilation, and egestion. Explain their significance in the human digestive system.
- 5. What do you understand by the term "Double circulation"? Differentiate between arteries and veins. What prevents the mixing of oxygenated and deoxygenated blood in humans.?
- 6. Discuss the importance of excretion in living organisms. Describe the organs involved in the excretory system of humans along with a labelled diagram.
- 7. Differentiate between autotrophic and heterotrophic nutrition. Give examples of organisms exhibiting each type.
- 8. Explain the significance of enzymes in biochemical reactions. How do enzymes catalyze reactions in living organisms?
- 9. Write the functions of tissue fluid.
- 10. What are the roles of stomata and explain the opening and closing of stomata using a suitable diagram.

# **PHYSICS**

- 1. Students are expected to complete their practical work in lab manual
- 2. Prepare a PPT on the topic "Effect of Refraction". This will be represented by you in your class.

### **PHYSICS WORKSHEET**

### **Short Answer Questions**

- 1. What is the difference between a convex lens and a concave lens?
- 2. Explain the phenomenon of total internal reflection.
- 3. How does a prism split white light into its component colors?
- 4. What is the function of the iris in the human eye?
- 5. Describe the formation of a virtual image by a plane mirror.

# **Long Answer Questions**

- 1. Derive the mirror formula for a spherical mirror.
- 2. Explain the construction and working of a simple microscope.
- 3. Describe the different types of defects of vision and their corrections.
- 4. What is the principle of reversibility of light? Explain with an example.
  - 5. Discuss the applications of total internal reflection in everyday life.

# **CHEMISTRY**

- 1. Define a chemical reaction. Give two examples.
- 2. Define acid, base, and salt with suitable examples.
- 3. What is a balanced chemical equation? Why should chemical equations be balanced?
- 4. Write the types of chemical reactions with one balanced equation each.
- 5. Write two examples of each:

Combination reaction

Decomposition reaction

Displacement reaction

Double displacement reaction

- 6. What is oxidation? Give two examples.
- 7. What is reduction? Give two examples.
- 8. Define redox reaction with an example.
- 9. Why is respiration considered an exothermic reaction?
- 10. Why is the reaction between quicklime and water considered highly exothermic?
- 11. Write the chemical equation for rusting of iron and explain the conditions required.
- 12. Why should magnesium ribbon be cleaned before burning?
- 13. What happens when lead nitrate is heated? Write the chemical reaction.
- 14. Explain corrosion and rancidity with examples.
- 15. Explain the following reactions with examples and balanced equations:

Acid + Base

Acid + Metal

Base + Non-metal oxide

Metal carbonate + Acid

- 16. What is an indicator? Name any four indicators and their colour change in acids and bases.
- 17. Write the chemical name, formula, and two uses of:

Baking soda

Washing soda

Bleaching powder

Plaster of Paris

- 18. What is pH? What is the importance of pH in everyday life?
- 19. A solution has a pH of 3. Is it acidic or basic?
- 20. What is the effect of pH on tooth decay?
- 21. Explain how antacids work.
- 22. What happens when an acid is added to water?
- 23. What are strong and weak acids? Give two examples of each.
- 24. Write one activity to show the reaction of a base with an acid using a natural indicator.
- 25. How do acids and bases react with metals? Give one example each.
- 26. Why does dry HCl gas not change the colour of dry litmus paper?
- 27. Why is common salt used in daily life and industries?

# Homework Project Work

Instructions: Choose any one of the following projects and complete it creatively on chart paper or in a project file. Include pictures or drawings, and write in neat handwriting.

# **Project 1: Investigating Chemical Reactions**

Prepare a report on any 3 types of chemical reactions (e.g., combination, decomposition, displacement). Your project should include:

- Definition and explanation of the reaction type
- One activity-based example for each with diagram
- Balanced chemical equations
- Real-life applications of each reaction

# **Project 2: Natural Indicators Around Us**

Make a colorful chart or booklet showing natural indicators used to identify acids and bases. Your project should include:

- Names and sources of natural indicators (e.g., turmeric, litmus, China rose)
- Color changes in acidic and basic solutions
- At least 3 simple experiments you can try at home with observations
- Photographs or drawings of the experimental setups

# **SOCIAL STUDIES**

### WORKSHEET

### **UNIT-GEOGRAPHY**

# CH-01 RESOURCES & DEVELOPMENT

- 1. Which one of the following soils is ideal for growing cotton?
- (a) Regur Soil (b) Laterite Soil (c) Desert Soil (d) Mountainous Soil
- 2.Soil formed by intense leaching is:
- (a) alluvial soil (b) red soil (c) laterite soil (d) desert soil
- 3. When running water cuts through clayey soils and makes deep channels, they lead to:
- (a) Gully erosion (b) Sheet erosion (c) Deforestation (d) Afforestation
- 4. Which soil is found in Deccan Plateau? ANS.
- 5. Name the methods of preventing soil erosion by wind. ANS.\_
- 6. Write some measures/ways to solve problems of land degradation. ANS.\_\_\_\_\_
- 7. What is soil erosion? Write the main causes of soil erosion. ANS.\_\_\_\_\_
- 8. Write four methods of soil conservation. ANS.
- 9.Describe any three main features of black soil found in India. ANS.

### UNIT-POL. SCI.

# **CH-02 FEDERALISM**

- 1. What is the government at block level called?
- a) Gram Sabha
- b) Gram Panchayat
- c) Panchayat Samiti
- d) Nayay Panchayat
- 2. How many scheduled languages are recognized by the constitution?
- a) Besides Hindi, there are 18 scheduled languages.
- b) Besides Hindi, there are 21 scheduled languages.
- c) Besides Hindi there are 22 scheduled languages.
- d) Besides Hindi there are 19 scheduled languages.
- 3. Which are the basic objectives of a federal system?
- a. To safeguard and promote unity of the country
- b. To accommodate regional diversity
- c. To share powers among different communities
- d. Both a and b
- 4. Which of the following is incorrect regarding a unitary government?
- a. There is either only one level of government or the sub-units are subordinate to the central government.
- b. The central government can pass on orders to the provincial government.
- c. A state government is conservable to central government.
- d. The powers of state governments are guaranteed by the Constitution.
- 5. What is true regarding sources of revenue in a federal system?
- a. States have no financial powers or independent sources of revenue.
- b. States are dependent on revenue or funds on the central government.
- c. Sources of revenue for each level of government are clearly specified to ensure its financial autonomy.

- d. States have no financial autonomy.
- 6. In which Schedule of the Indian Constitution are the 22 scheduled languages included?
- a. 10th schedule
- b. 08th schedule
- c. 12thschedule
- d. 09th schedule
- 7. When was a major step towards decentralisation taken?
- 8. Subjects included in concurrent list are\_\_\_\_.
- 09. What is decentralization?
- 10. What makes India a federal country?
- 11. What was the main objective of the Constitutional Amendment made in 1992 in India?
- 12. Differentiate between the Unitary Government and Federal Government.
- 13. How is the Federal government better than other forms of Government? Explain with the example of Belgium and Sri Lanka.
- 14. What are the works of legislature and executive.

OR

All Class 10th students are instructed to prepare a project file for the annual exams on any one of the following topics: "Consumer Rights" or Crop System in India".

# **Art and Integration Activities**

Topic: "Unity in Diversity – Uttar Pradesh with the North-East"

Use maps, cultural symbols, folk art, and national symbols.

Include photos of food, music instruments, and festivals from each state.

OR

Poster Making On The Theme Of Environmental Issue Of Uttar Pradesh And Arunachal Pradesh

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# PHYSICAL TRAINER

Chapter: Roles and Responsibilities of an Early Years Facilitator

Multiple Choice Qı	uestions (	MCQ	S
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- What is the primary role of an early years facilitator? 1.
- a) Conduct research in sports science
- b) Teach complex sports skills
- c) Foster physical, emotional, and social development in children
- d) Train athletes for competitions
  - Which of the following is a key responsibility of an early years facilitator?
- a) Managing international sports events
- b) Designing age-appropriate activities
- c) Conducting board exams
- d) Coaching only teenagers

Fill in	n the	Rla	nks
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- **3.**
- An early years facilitator should create a \_\_\_\_\_\_ environment for children.

  The development of \_\_\_\_\_ and \_\_\_\_ skills is important in early childhood 4. physical education.

# **Short Answer Questions**

- Mention any two characteristics of a good early years facilitator. 5.
- 6. Why is observation an important skill for early years facilitators?

### **True or False**

Early years facilitators should encourage competition among toddlers. 7.

(True / False)

Creating a safe and inclusive space is a responsibility of an early years facilitator. (True / False)

# **Long Answer Questions**

- List and explain any three key roles of an early years facilitator in physical education. 9.
- 10. How can an early years facilitator promote holistic development through play-based activities?