

Class - 8

Holiday Home Work

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प्र.1 अपने पिता या माता के साथ बाज़ार जाइए और सब्ज़ि खरीदते समय सब्ज़ीवाले और माता या पिता के बीच हुई बातचीत को संवाद के रूप में लिखिए।

प्र.2 अपने मित्रों के साथ बिताए गए एक दिन को डायरी के रूप में लिखिए।

प्र.3 कोई एक ऐसी कहानी लिखिए जो आपको अधिक पसंद हो।

प्र.4 निम्न प्रश्नों के उत्तर निर्देशानुसार लिखिए।

1. 'सच्चरित्र' (संधि विग्रह कीजिए।)
2. कर्मधारय समास का एक उदाहरण लिखिए।
3. बुराई की हमेशा हार होती है। (व्याकरण की दृष्टि से रेखांकित शब्द पहचानिए।)
4. सचिन-क्रिकेट-में-चौका मारा। (रिक्त स्थान की पूर्ति के लिए उचित कारक है)
5. जो श्रम करता है। (वाक्यांश के लिए शब्द संक्षेप है लिखिए।)
6. खेल मनोरंजन का साधन है। (वाक्य का प्रश्नवाचक रूप लिखिए।)
7. हमें देश के साथ द्रोह करना चाहिए। (वाक्य का नकारात्मक रूप लिखिए।)
8. हम देश की रक्षा करते हैं। (वाक्य को भविष्य काल में बदलिए।)
9. 'मोर' इस शब्द का तत्सम रूप लिखिए।
10. बदलू ने फिर भी चुप रहा। (वाक्य का शब्द रूप लिखिए।)

1- مادری زبان کی اہمیت پر مضمون لکھیے۔

2- اردو اخبارات سے تین غزل اور دو نظم جمع کیجیے۔

3- صدر مدرس کو TC یا بونافائیڈ کی اجرائی کے لیے درخواست لکھیے -

تاریخ

جناب

فقط

آپ کا/کی طالب علم

I. క్రింద ఇచ్చిన నీతికథను చదివి దాని ఆధారంగా 10 ప్రశ్నలను తయారు చేయండి.

గోదావరి నది ఒడ్డున ఒక మర్రి చెట్టు ఉన్నది. ఒకనాటి మధ్యాహ్నం ఒక తాబేలు నీటి నుండి బయటకు వచ్చి చెట్టునీడలో నిద్రపోయింది. ఆసమయంలో నీరు తాగడానికి వచ్చిన ఒక నక్క తాబేలును చూసి చప్పుడు చేయకుండా వెళ్ళి తాబేలును తన కాలితో తొక్కిపెట్టింది. వెంటనే తాబేలు నిద్రమేలుకుని ప్రమాదం గ్రహించి ముడుచుకుపోయింది. నక్క తాబేలును పళ్ళతో కొరికుతూ ఎన్నో రకాలుగా తినడానికి ప్రయత్నించింది. కాని దానివల్ల కావడంలేదు. చేజిక్కిన ఆహారాన్ని జారవిడుచుకోవడం నక్కకు ఇష్టం లేదు. ఇంతలో అపాయంనుండి తప్పించుకోవడానికి తాబేలుకు ఒక ఉపాయం తోచి నక్కతో “ ఓ నక్క రాజా! నీవు తలక్రిందులైనా నేను నీకు మింగుడుపడను కనుక నేను చెప్పేది విను. నన్ను తీసుకుని పోయి నీటిలో నానబెట్టు. అప్పుడు నా శరీరం మెత్తబడుతుంది. నీవు సులువుగా తినవచ్చు” అంది. తాబేలు మాట నమ్మి నక్క దానిని నదీ తీరంలో వేసి తన ముందుకాలితో అదిమిపట్టింది. అప్పుడు తాబేలు నక్కతో నక్కరాజా! నా శరీరంలో చాలాభాగం మెత్తబడింది కానీ నీవు కాలు పెట్టిన చోట మెత్తబడలేదు కనుక నీవు కాలును నామీద నుండి ఒక్క క్షణం తీసినట్లయితే ఆభాగం కూడా మెత్తబడుతుంది అని అన్నది. సరేనని నక్క కాలు లేపిన వెంటనే తాబేలు నీటిలోకి జారిపోయింది. జిత్తులమారి నక్క మోసపోయింది. తాబేలు ఉపాయంతో ఆలోచించి తన ప్రాణాలను కాపాడుకుంది.

ప్రశ్నలు:

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9)
- 10)

II. క్రింది చిత్రము ఆధారంగా సంభాషణ రాయండి.



I Chart / Model : Prepare a chart / Model on any one topic of Grammar as given below.

Any part of speech ; Tenses ; Direct and Indirect speech ; Active and Passive voice

II Write a story (100 words) OR a poem (12 lines).

III Change the tense in each sentence as instructed and rewrite the sentences. Make necessary changes.

1. The security forces are guarding the borders. (**past continuous**)

2. Mother stuffed the mixture into the capsicum and put it in oven. (**past continuous**)

3. Gaurav was flying a kite last evening. (**present continuous**)

4. The creeper is growing wild. (**simple present**)

5. I will be carrying an umbrella in my bag. (**past perfect**)

6. They were working in the garage when we arrived. (**future continuous**)

IV Change the voice in these sentences from active to passive.

1. Can you help the needy?

2. Someone has taken my handkerchief.

3. They left the camping ground last night.

4. Sukanto opened the box easily.

5. Bunny polished the silver vases well.

IX Now, write a short paragraph on ‘A Family Picnic’. Use the hints given below.

.....
| a holiday –getting bored—very nice weather—bright and sunny after two days of rain—called my
: cousin—mother made sandwiches—gathered fruits—picnic basket—fun at the beach / park—
| played volleyball—made sand castles / played on swings—ate and danced—enjoyed ourselves
.....

X Draw a mind map on ‘Moral Values’

Homework allotment

No. of Days	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Q.No.	1-4	5-6	7-9	10-11	12-15	16	17-19

1) Add the rational numbers.

(a) $\frac{1}{-2}$ and $\frac{3}{4}$

(b) $\frac{-2}{5}$ and $\frac{-3}{7}$

2) Subtract

(a) $\frac{1}{8}$ from $\frac{-2}{4}$

(b) $-\frac{1}{3}$ from $-\frac{1}{4}$

3) Find the product of

(a) $(-\frac{4}{7}) \times (\frac{5}{3})$

(b) $(-\frac{3}{11}) \times -(-\frac{22}{15})$

4) Multiply $-\frac{9}{16}$ by the multiplicative inverse of $\frac{15}{36}$.

5) Find the value of

(a) $\frac{9}{11} \div \frac{-12}{14}$

(b) $\frac{-27}{28} \div \frac{-36}{56}$

6) Arrange the rational numbers in ascending order

$$\frac{4}{7}, \frac{3}{5}, \frac{-5}{6}$$

7) Solve the following equations.

(a) $35 = 7(y - 9)$

(b) $4b + 8 = 2(b - 15)$

(c) $7(d-8) = 3(d-1) - 2(d+3) + 5(d-7)$

(d) $\frac{3(1+y)}{1-2y} = \frac{8}{5}$

(e) $\frac{7}{y-12} = \frac{3}{y+4}$

8) Write the base and index of the following exponential form.

(a) $(-25)^6$

(b) $(13/12)^4$

9) Simplify the following using laws of exponents.

(a) $\left(\frac{2}{3}\right)^4 \times 1296$

(b) $\left(\frac{6}{5}\right)^6 \times (25)^3$

(c) $\left(\frac{3}{4}\right)^5 \times \left(\frac{2}{9}\right)^9$

(d) $\frac{(5^2)^2 \times (2^3)^2}{10^5}$

(e) $\left(\frac{8}{-3}\right)^9 \div \left(\frac{8}{3}\right)^4$

10) If DELHI is coded as 73541 and CALCUTTA as 82589662, how can CALICUT be coded?

Similarly write any 5 cities of India and code it?

11) Complete the following magic squares.

(a)

22		18
17	21	25

(b)

		35
	34	
33	38	

(c)

13	6	11

12) Write all the algebraic identities.

13) Find the product of:

(a) $x(x - y)$

(b) $(3x - 5)(4 - x)$

(c) $(x - 3)(xy - 4x + 9)$

14) Find the factors of:

(a) $9a - 54$

(b) $6x + 18y$

(c) $5x^2 - 15x$

15) Factorise

(a) $ax - 2b + bx - 2a$

(b) $4x + 44 + yx + 11y$

16) Factorise

(a) $x^2 + 12x + 36$

(b) $x^2 - 8x + 16$

(c) $x^2 + 6 + 8$

(d) $x^2 - 5x - 24$

17) Write the squares and cubes of the numbers from 1 to 25.

Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Squares															
Cubes															

Numbers	16	17	18	19	20	21	22	23	24	25
Squares										
Cubes										

18) Write the formula of area of square, rectangle, triangle, parallelogram, rhombus, quadrilateral, trapezium, circle and sector.

19) From a newspaper choose a page record all the prepositions. Prepare a frequency distribution table and draw frequency curve. (graph)

Holiday Homework 2019-20

1. Observe the picture and explain.



(a)

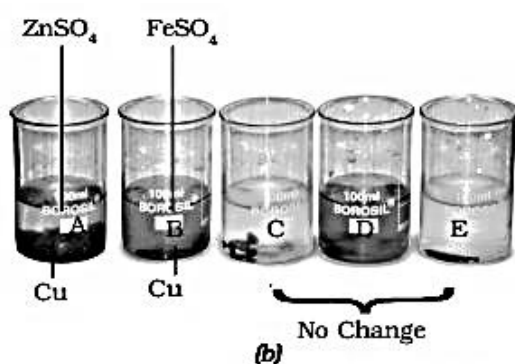
Beaker A : Copper sulphate (CuSO_4) + Zinc granule (Zn),

Beaker B : Copper sulphate (CuSO_4) + Iron nail (Fe)

Beaker C : Zinc sulphate (ZnSO_4) + Copper turnings (Cu),

Beaker D : Iron sulphate (FeSO_4) + Copper turnings (Cu)

Beaker E : Zinc sulphate (ZnSO_4) + Iron nail (Fe)



(b)

Explanation: _____

REACTIONS

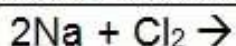
Displacement reaction

A more reactive metal will displace a less reactive one from its compounds. For the following equations, work out if a reaction takes place, then complete the equations by either writing in the products made or no reaction.

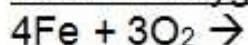
- Iron + Copper Sulphate →
- Copper Sulphate + Zinc →
- Copper + Magnesium nitrate →
- Aluminium + Iron oxide →
- Zinc oxide + Magnesium →

2. Complete the chemical reactions:

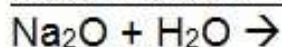
Metal + Nonmetal → Salt



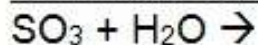
Metal + Oxygen (nonmetal) → Metal Oxide (salt)



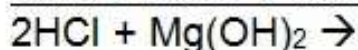
Metal Oxide + Water → Base



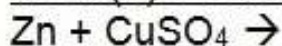
Nonmetal Compound + Water → Acid



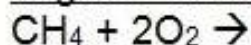
Acid + Base → Salt + Water (Neutralization)

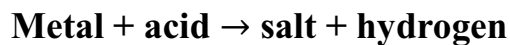


Metal(1) + Salt → Metal(2) + Salt

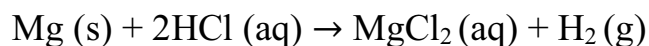


Organic Compound + Oxygen → Carbon Dioxide + Water (Combustion)



Reaction of an Acids and Metal

Magnesium + **hydrochloric acid** → **magnesium chloride** + hydrogen



3. Complete the chemical equations:

1. Calcium + **hydrochloric acid** → _____ **chloride** + hydrogen

2. Calcium + **nitric acid** → _____ **nitrate** + hydrogen

3. Calcium + **sulphuric acid** → _____ **sulphate** + hydrogen

4. Zinc + **hydrochloric acid** → _____ **chloride** + hydrogen

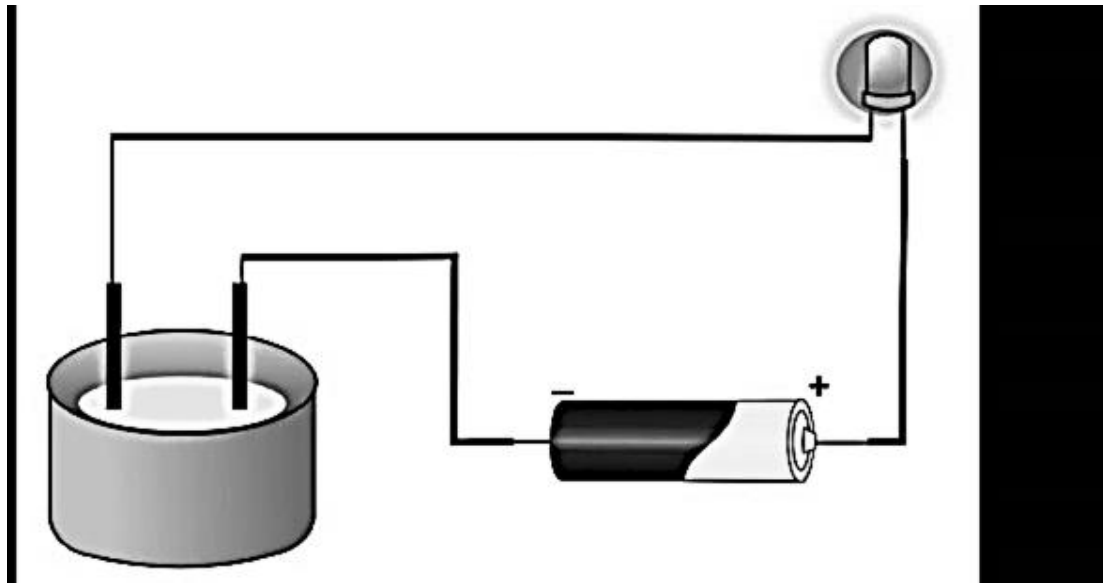
5. Magnesium + **nitric acid** → _____ **nitrate** + hydrogen

6. Magnesium + **sulphuric acid** → _____ **sulphate** + hydrogen

Mg(NO₃)₂ Ca(NO₃)₂ MgSO₄ CaCl₂ ZnCl₂ CaSO₄

Note: Write symbol equations for the above reactions.

4. Label the diagram and explain it.



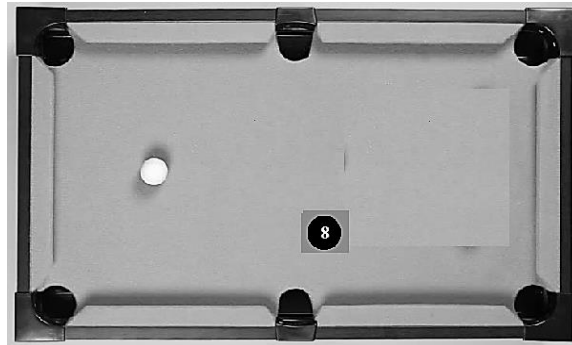
Explanation:

Reflection of Light

5. State the Law of reflection:

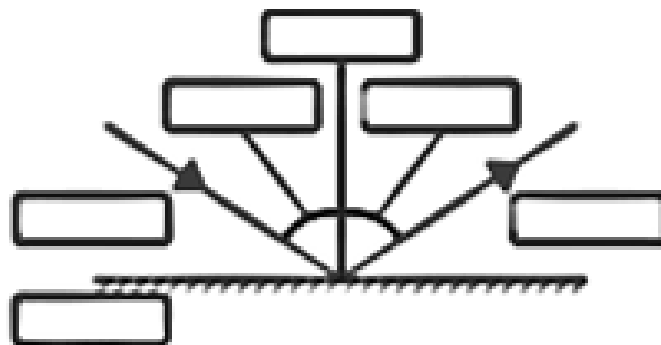
Task: 1

Q. How could you get the ball (8) in the bottom left pocket in just one move?



Explanation:

Task: 2 Label the diagram to show how light reflects from a mirror



Angle of incidence
Mirror

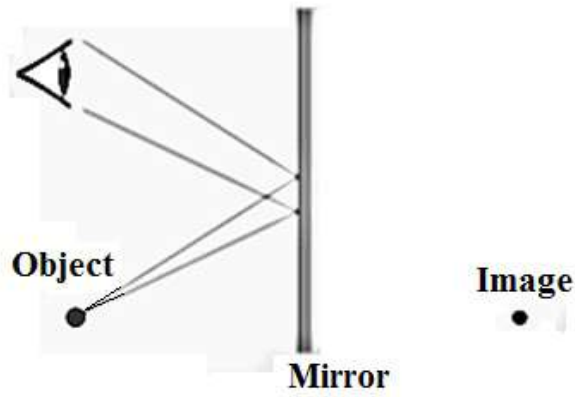
Angle of reflection
Incident Ray

Normal
Reflected Ray

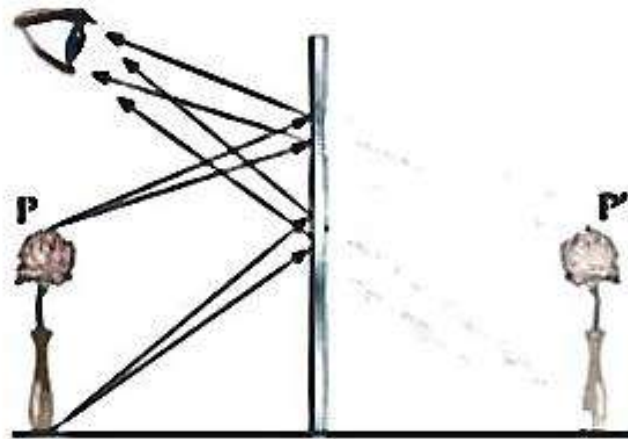
Task: 3 Now look again at your response to task 1, is there anything you would change or add? Make any addition or corrections with some colour pencil, if you have one.

6. Complete the ray diagram:

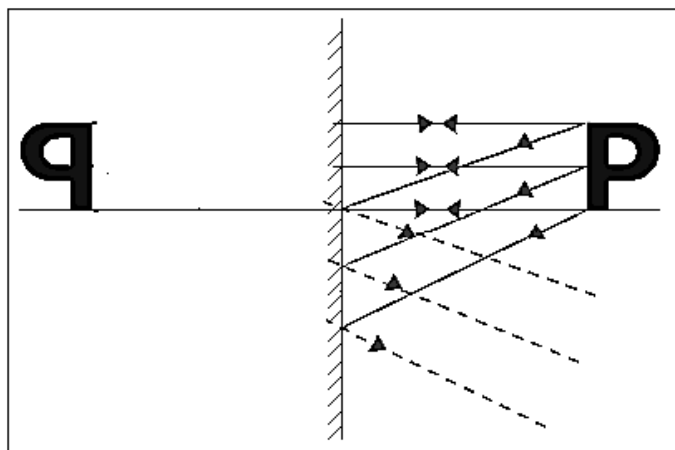
(a)



(b)

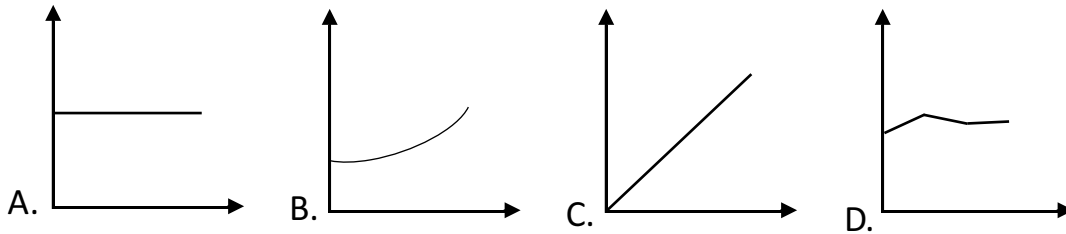


(c)

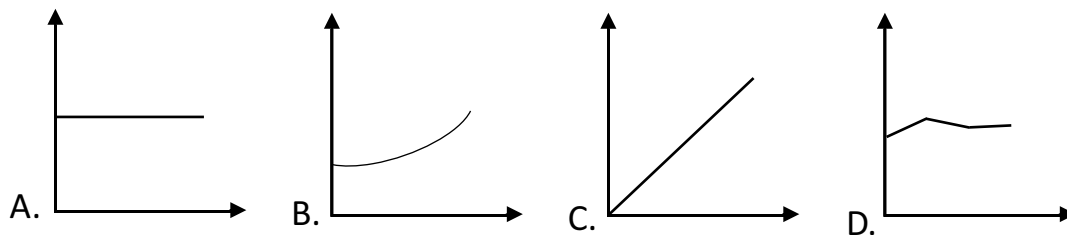


7. Choose the graph that best fits with this statements.

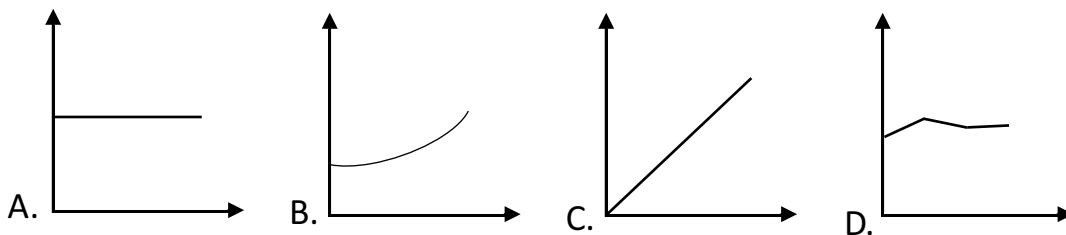
1. House prices rose in January and February, fell slightly in March and are now holding steady. ()



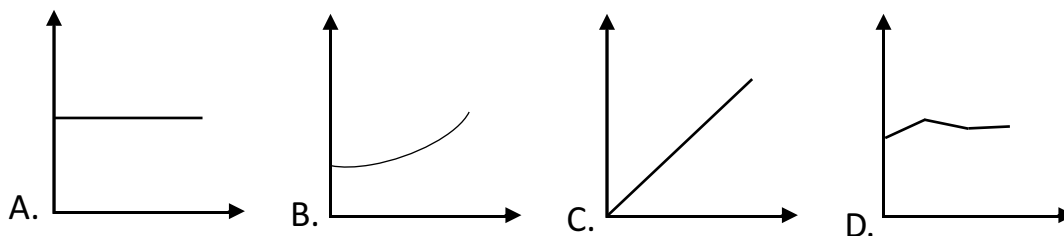
2. The TV license has been frozen for the next 3 years. ()



3. The car has excellent acceleration. ()



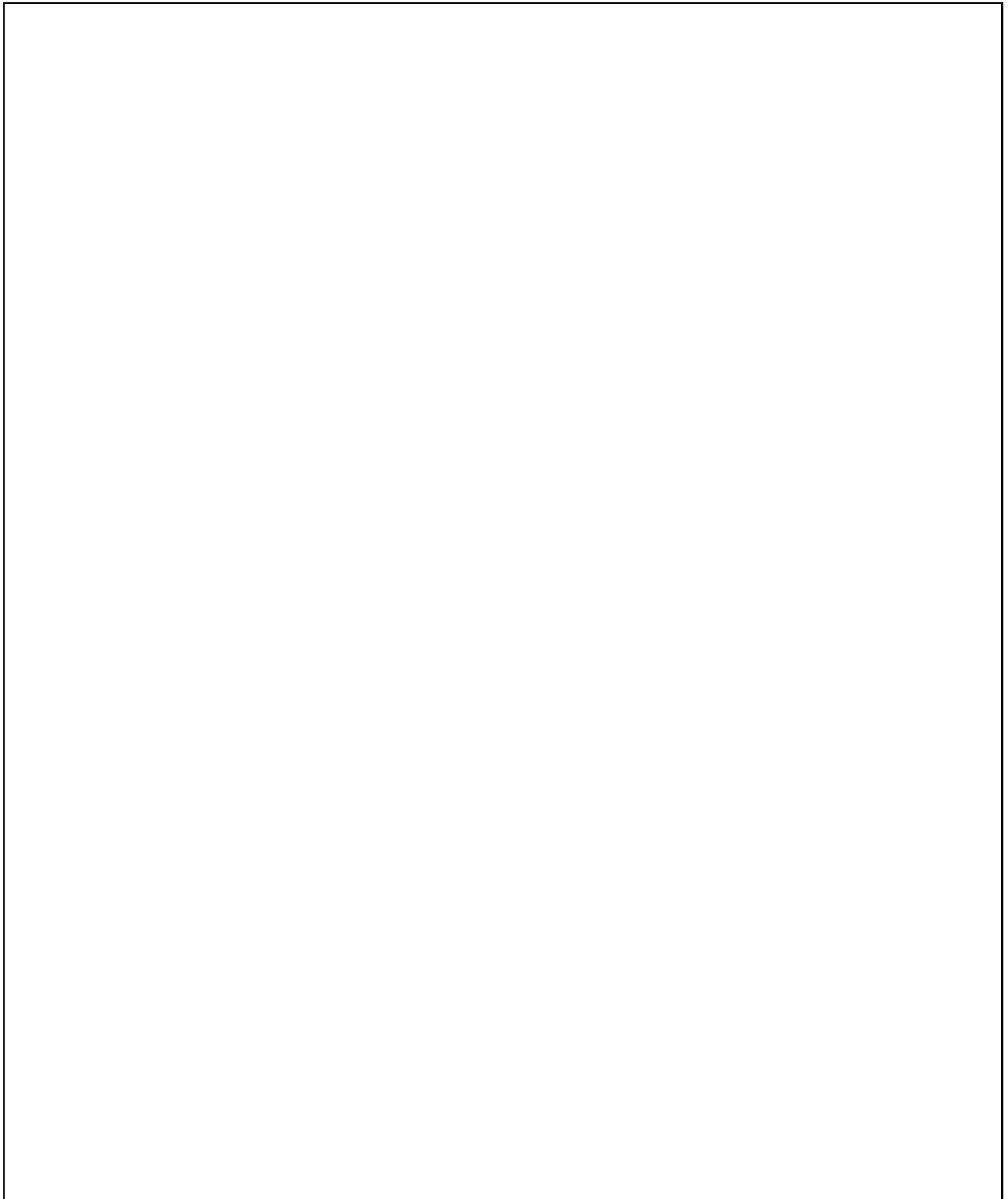
4. The price of groceries is still rising. ()



8. Draw a mind map of Types of Pollutions & Preventive measures.

1. Make your own vermicompost project (Material required-Bucket or a thick plastic bag, Domestic waste, Earthworms, Cow dung and coconut thresh.) Write the procedure and paste pictures of the vermicompost prepared by you.

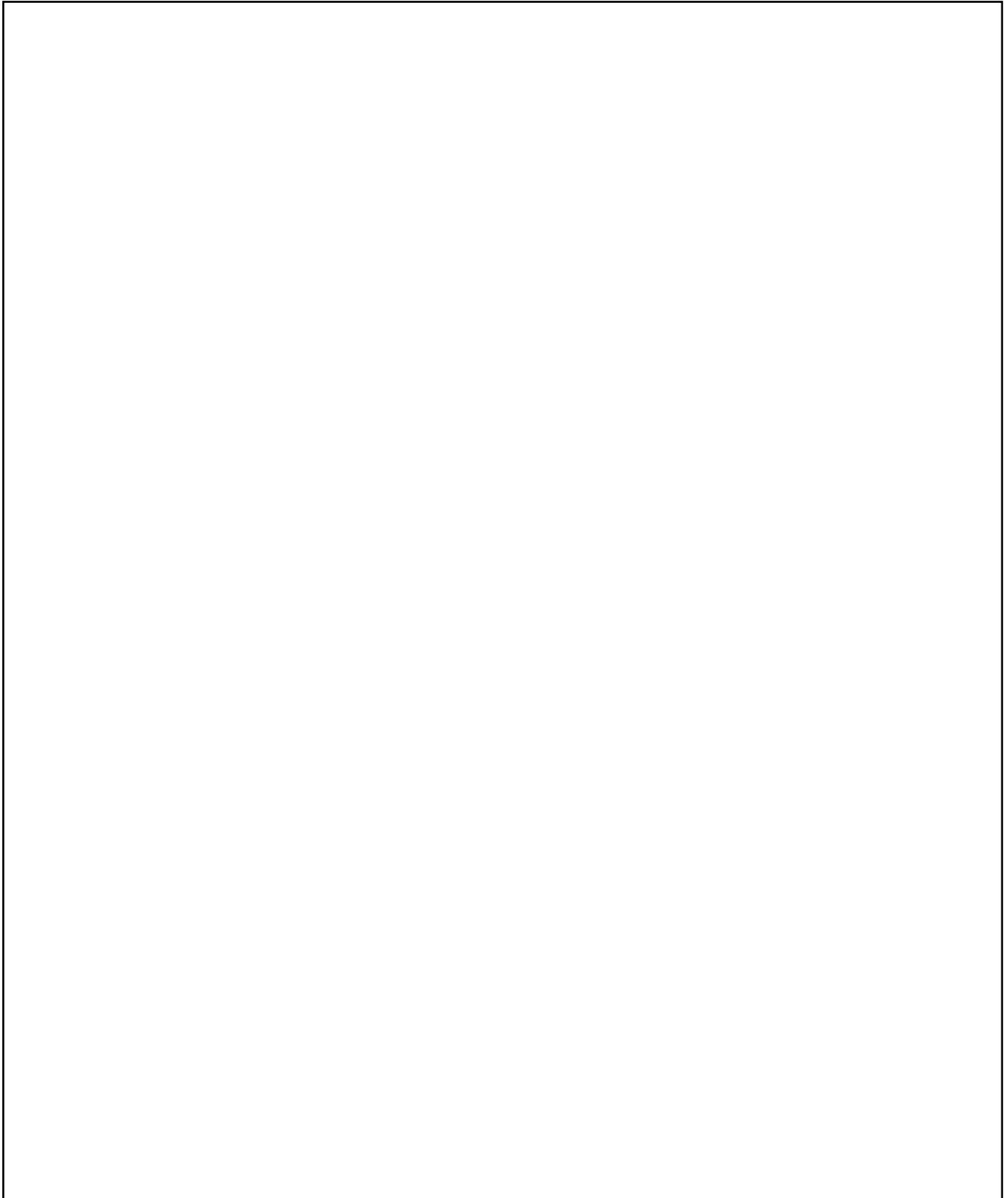
Draw the mind map of Parts of the plant cell and animal cell their structures and functions.

A large, empty rectangular box with a black border, intended for the student to draw a mind map about the parts, structures, and functions of plant and animal cells.

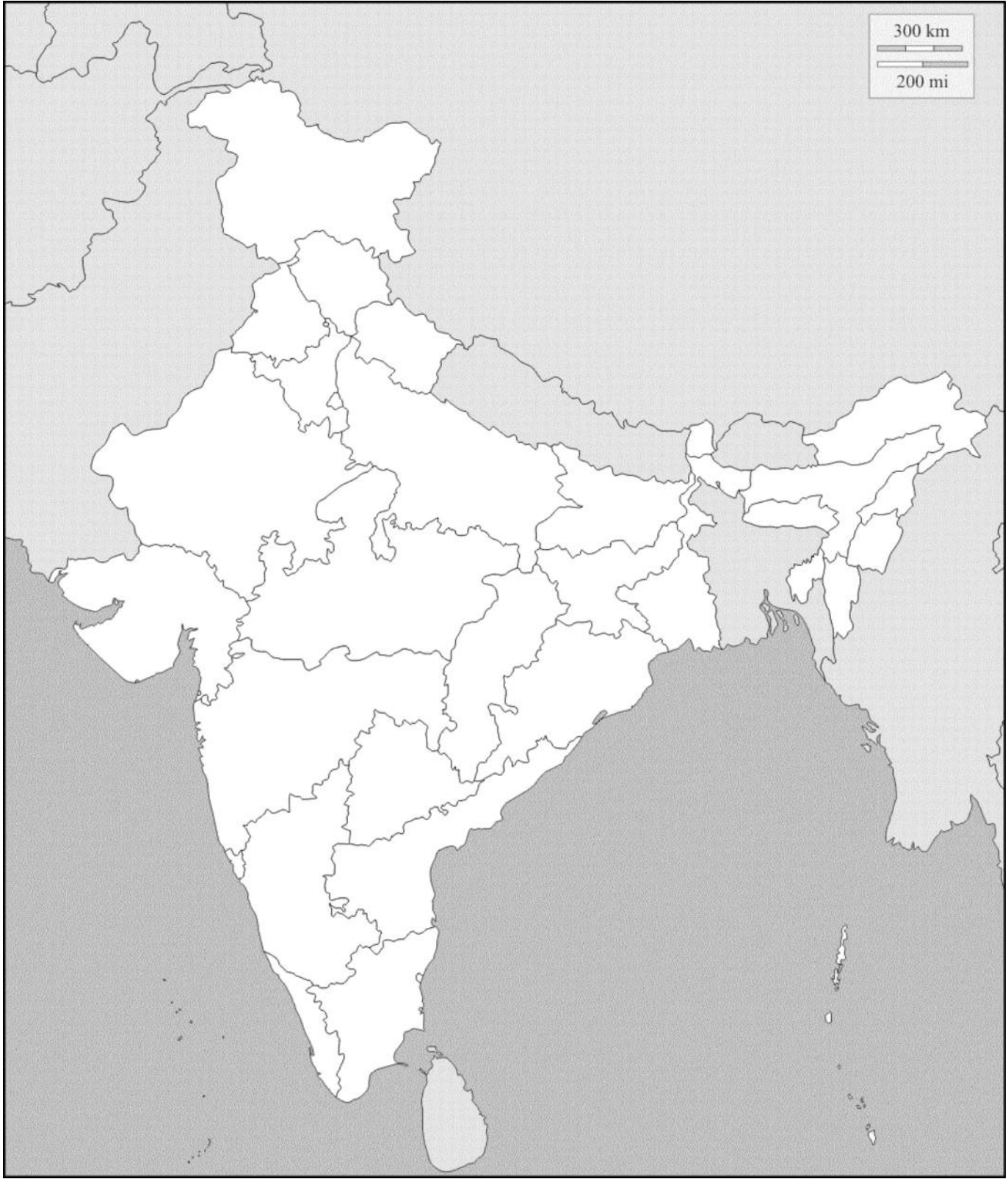
Soak the seeds of green gram, wheat, maize and tamarind. After they become tender, try to split the seeds. Name which would split, which would not and identify them according to the characteristics. Paste pictures.

Sl. No.	Name of the seed	Split into half(Y)/ Does not split(No)	Monocot(M)	Dicot(D)
1				
2				
3				
4				

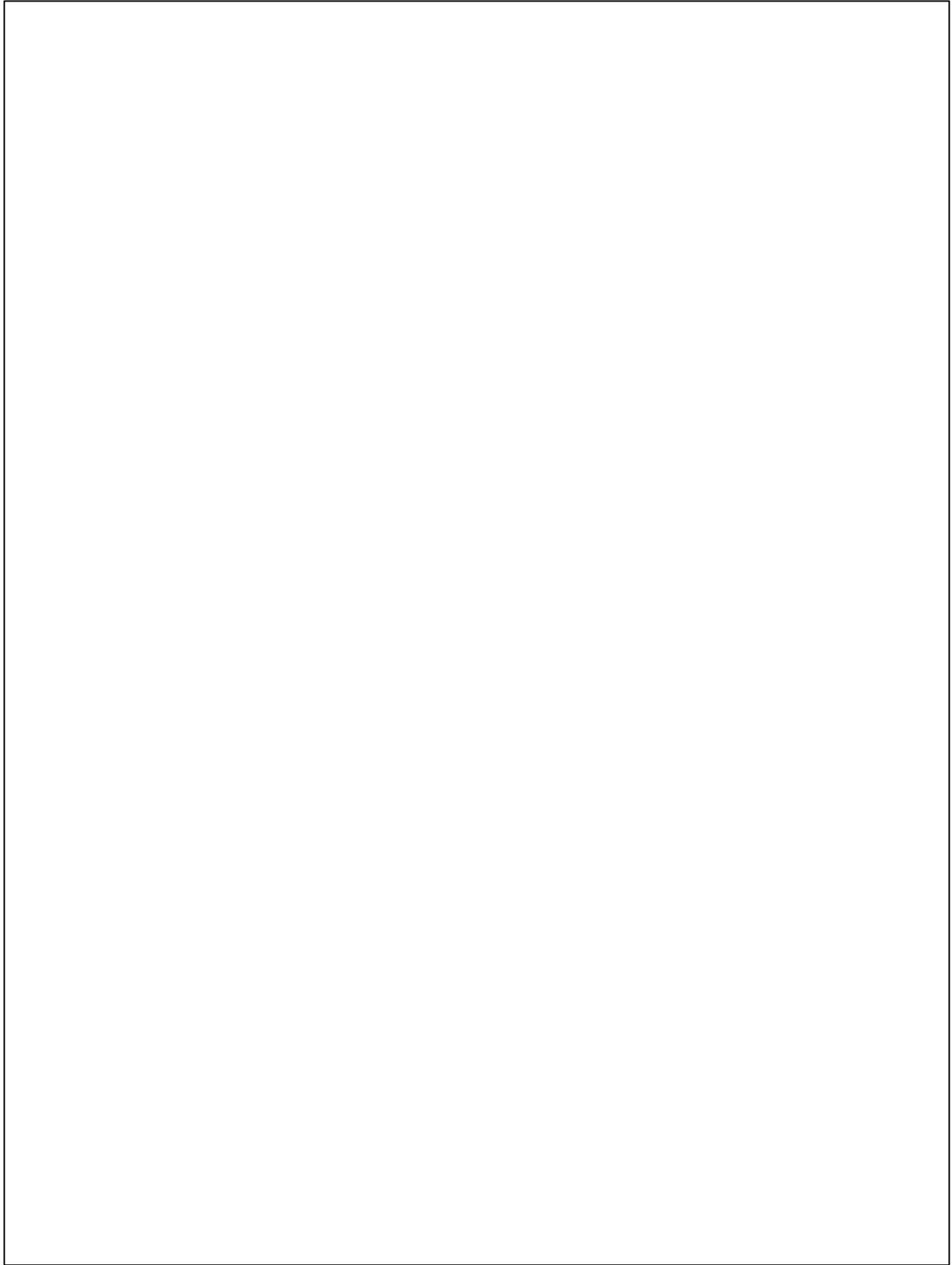
Draw a neat well labelled diagram of the internal structure of the human eye:



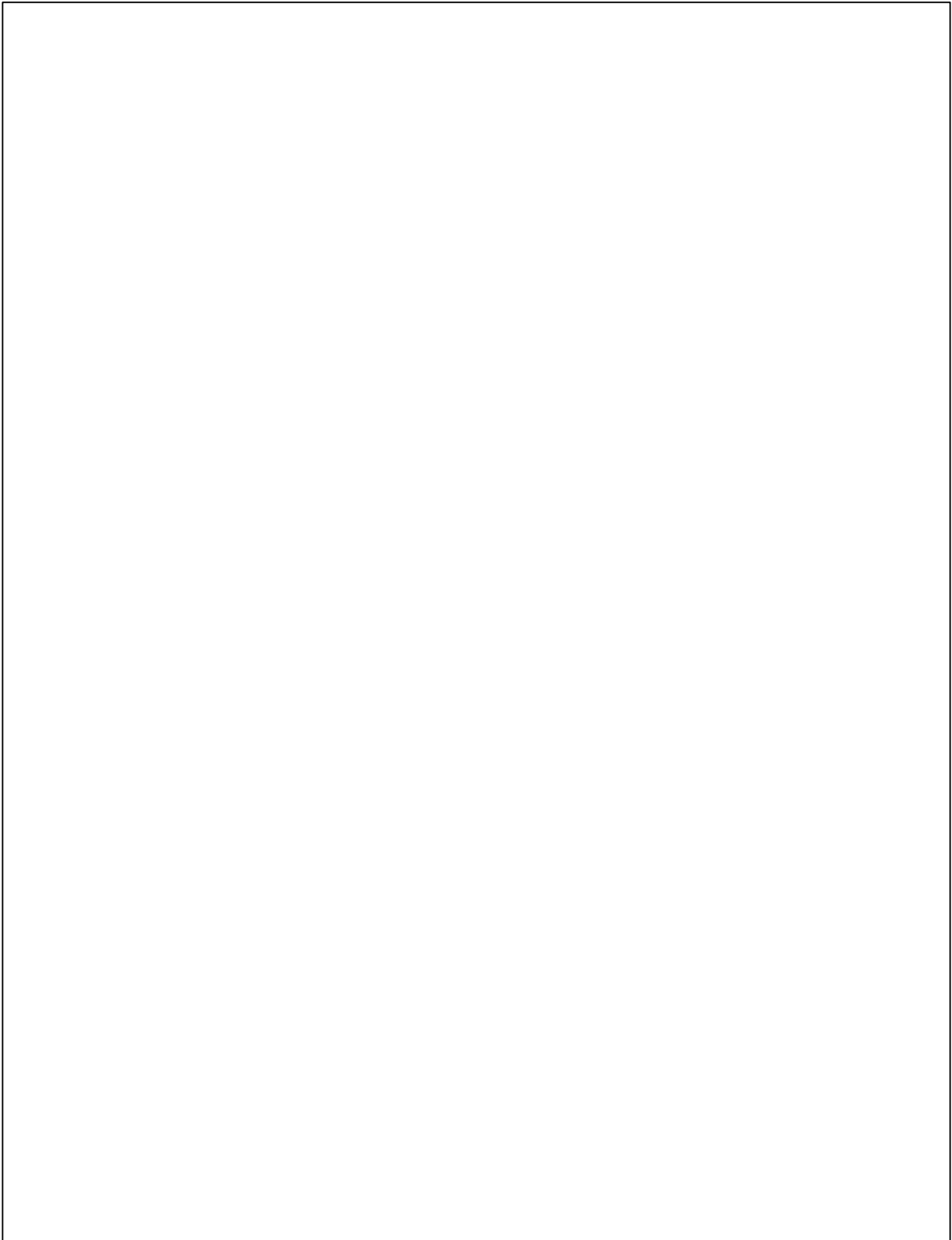
1. Practice to locate 29 states along with its capitals on the political map of India.



2. List out the importance/services of 108 vehicles emergencies.



3. **Mind map:** Central idea – National Movement from 1915 - 1947

A large, empty rectangular box with a thin black border, intended for students to draw a mind map. The box is centered on the page and occupies most of the page's area.

4. Prepare a table showing different minerals and their uses.

Or

Name the present C.M of Telangana state and his cabinet ministers along with their portfolios .

