



WINTER HOLIDAY HOMEWORK (2024-25)

CLASS VI

General Instructions:

- a) The date of submission of the assignment are as follows:

S NO.	SUBJECTS	DATE OF SUBMISSION
1.	Science & Sanskrit	7th Jan 2025
2.	Social Science & English	8th Jan 2025
3.	Hindi, IT/AI& Maths	9th Jan 2025

- b) The assignment is to be attempted in class notebooks.
c) Neatness and timely submission of assignments carries extra marks.

ENGLISH

Topics

Reading Comprehension, Word Power, Poster Making, Prepositions, Wandering Singers

Reading

Do you like video games? Lots of people do. There are many types of video games. Some people like action games. Other people like driving games. But the most popular game of all time is a puzzle game. Tetris is a game about making lines. Blocks fall from the top of the screen. They fall one at a time. The player moves the blocks. Once the blocks hit the bottom, they are locked in place. Players try to make lines go across the screen with no gaps. Complete lines disappear. This gives players more room. The blocks pile up during the game. The game ends when the blocks get to the top of the screen.

A man named Alexey made Tetris in 1984. All the pieces in Tetris have four blocks. The word "tetra" means four. Alexey named his game after tetra and tennis. He made Tetris while working at a science academy in Moscow. Alexey made his game on a screen that only showed letters. He could not use blocks. The blocks were made out of letters in the first game of Tetris. Still, all Alexey's friends loved his game. It was easy to learn and fun to play.

Soon the game spread across the world. It was on every computer. It was in arcades. It came with every one of Nintendo's Game Boy. More than 100 million Game Boys were sold. Tetris was all over the place. Even today Tetris comes with many phones.

A1. Read the passage carefully and answer the questions that follow:

1. What are the different types of games people play?
2. What is 'Tetris'?
3. Why did Alexey's friends loved his game?
4. How does the game Tetris end?
5. Find the word in the passage that means the opposite of- 'reappear'.

Writing

B1. You are the Environment Club incharge of your school. Prepare a poster highlighting the dangers of Pollution.

Grammar

C1. Underline the correct prepositions in the following passage.

Jim was walking (across, over) the campus (in, at) noon when he met a friend whom he had not seen (since, during) summer. They stopped (in front of, around) the gymnasium and sat down (in, on) the steps. After they had talked (for, during) about ten minutes, Jim said, "I must go (toward, to) Jefferson Hall this semester. Why don't you drop by some afternoon (over, after) classes?"

C2. Fill in the blanks with appropriate prepositions.

1. We accept your kind invitation _____ pleasure.
2. I should like to read that book _____ Ernest Hemingway.
3. These oranges are sold _____ the dozen.
4. The door _____ the house is painted red.
5. He says he can communicate _____ mental telepathy.
6. Always sign important papers _____ ink.
7. Would you rather write _____ a pen or pencil?
8. Over one-third _____ the oranges are spoiled.
9. The first speech will be given _____ Mr. Steele.
10. Do you like to travel _____ bus?

Literature

D1. Do you think the poem 'Wandering Singers' has a melancholic tone or a happy tone? Explain your answers using examples from the poem.

HINDI

साहित्य : नौकर

व्याकरण : (तार्किक चिंतन पर आधारित) विशेषण, क्रिया, उपसर्ग-प्रत्यय, तत्सम-तद्भव, पर्यायवाची शब्द, अनेकार्थक शब्द

रचनात्मक लेखन : अनौपचारिक पत्र, अनुच्छेद लेखन _____



प्रश्न 1. उपर्युक्त चित्र के आधार पर दिए गए विशेष्यों के लिए उचित विशेषण लिखकर उनका भेद बताइए। (नोट- अलग-अलग भेदों से संबंधित विशेषणों का चयन करें।)

विशेष्य	विशेषण	विशेषण के भेद
क. गुब्बारे		
ख. गिलास		
ग. केक		
घ. बच्चे		
ङ. शरबत		
च. मेज		

प्रश्न 2. चित्र में से सकर्मक व अकर्मक क्रिया से संबंधित दो-दो वाक्य ढूँढकर लिखिए।

प्रश्न 3. उचित विकल्प चुनिए।

क. निम्नलिखित में से किस शब्द में 'प्र' उपसर्ग नहीं लगा है ?

अ. प्रकृति ब. प्रदेश स. प्रश्न द. प्रगति

ख. निम्नलिखित में से किस शब्द में 'कु' उपसर्ग लगा है ?

अ. कुसुम ब. कुपात्र स. कुशल द. कुरुक्षेत्र

ग. कमज़ोर शब्द में 'कम' किस प्रकार का उपसर्ग है ?

अ. उर्दू ब. संस्कृत स. हिंदी द. अंग्रेजी

घ. निम्नलिखित में से किस शब्द में 'अ' और 'वि' दोनों उपसर्ग जुड़ने से नए शब्द बनेंगे ?

अ. ज्ञान ब. रस स. दृश्य द. फल

ड. अत्याचार शब्द में मूल शब्द निम्नलिखित में से कौन सा है ?
अ. याचार ब. आचार स. अचार द. चार

प्रश्न-4 निम्नलिखित प्रश्नों के उत्तर संक्षेप में दीजिए –

- क) आश्रम का क्या नियम था ?
ख) नौकर पाठ के लेखक कौन हैं ?
ग) साबरमती आश्रम किस राज्य में है ?
घ) 'नौकर' पाठ में कौपीनधारी शब्द किसके लिए प्रयोग किया गया है ?
ड) उपर्युक्त पाठ की विधा बताइए ।

प्रश्न-5 तत्सम-तद्भव भरिए –

तत्सम	तद्भव
क) पंच	-----
ख) -----	कान
ग) लक्ष	-----
घ) सत्य	-----
ड) -----	माथा

प्रश्न-6 उचित पर्यायवाची शब्द पर गोला लगाइए –

- क) पृथ्वी – तटिनी, वसुधा, लोचन ख) बिजली – दिवा, चंचला, रजनी
क) मित्र – तनय, सहचर, आत्मज घ) भौरा – जलद, सखा, मधुप

प्रश्न-7 दो अर्थ लिखिए –

- क) पानी -----
ख) मुद्रा - -----
ग) श्री - -----
घ) मत - -----
ड.)सोना - -----

प्रश्न-8 शीतकालीन अवकाश में दिल्ली भ्रमण का निमंत्रण देते हुए मित्र को पत्र लिखिए ।

प्रश्न-9 निम्नलिखित संकेत बिन्दुओं के आधार पर 'कंप्यूटर का जीवन में महत्त्व' विषय पर
80-100 शब्दों में अनुच्छेद लिखिए ।

संकेत बिंदु - आज की जरूरत, ज्ञानवृद्धि, मनोरंजन, अत्यधिक प्रयोग से हानि, लाभ

SANSKRIT

अपठित अवबोधनम्

रचनात्मकम् कार्यम्- संवादपूर्तिः, चित्र पूर्तिः

पठित अवबोधनम्- पाठ-12 सम्प्रदानकारकः, पाठ-13 अपादानकारकः, पाठ-14 सम्बन्धकारकः
अनुप्रयुक्त व्याकरणम संख्या, अशुद्धि संशोधनम्, अव्यय धातुरूप- कृ, अस, दृश् (लट् लकार में)
शब्दरूप- लता, फल, अस्मद्, युष्मद् (एतद् - तीनों लिंगों में)

खण्ड: 'क' अपठित अवबोधनम्

प्र01 निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए—

इदम् एकम् उद्यानम् अस्ति। उद्यानं विशालं सुन्दरं च अस्ति। सर्वत्र वृक्षाः सन्ति। वृक्षेषु कोकिलाः कूजन्ति। वृक्षेषु फलानि अपि उद्भवन्ति। अहं सायं मित्रैः सह अत्र आगच्छामि। वयं तीव्रं धावामः कन्दुकेन च क्रीडामः। अनेकाः महिलाः भ्रमणाय अत्र आगच्छन्ति। वृक्षेभ्यः पतितानि आम्राणि ताः खादन्ति। एकतः वृद्धानां समूहः सत्सङ्गं करोति। तेषु मम पितामहः पितामही च तिष्ठतः। पुष्पाणां सुगन्धेन वातावरणम् आनन्दमयं भवति।

(I) एक पद में उत्तर दीजिए—

- (क) वृक्षेषु काः कूजन्ति?
(ख) केषां समूहः सत्सङ्गं करोति?

(II) पूर्ण वाक्य में उत्तर दीजिए—

- (क) पुष्पाणां सुगन्धेन वातावरणम् कीदृशं भवति ?

(III) निर्देशानुसार उत्तर दीजिए—

- (क) 'भ्रमणाय'— उचित विभक्ति चुनकर लिखिए।
(अ) तृतीया (ब) चतुर्थी (स) पंचमी

(ख) 'वृक्षेषु फलानि अपि उद्भवन्ति'— अव्ययपद चुनकर लिखिए।

- (अ) वृक्षेषु (ब) फलानि (स) अपि

खण्ड: 'ख' रचनात्मकं कार्यम्

प्र02 मंजूषा में दिए गए शब्दों की सहायता से संवाद को पूरा कीजिए।

अहम्, गच्छसि, अपि, गच्छामि, चलावः

सीमा — अरे चीनू! त्वं कुत्र (क).....?

चीनू – अहं आपणं (ख)..... ।

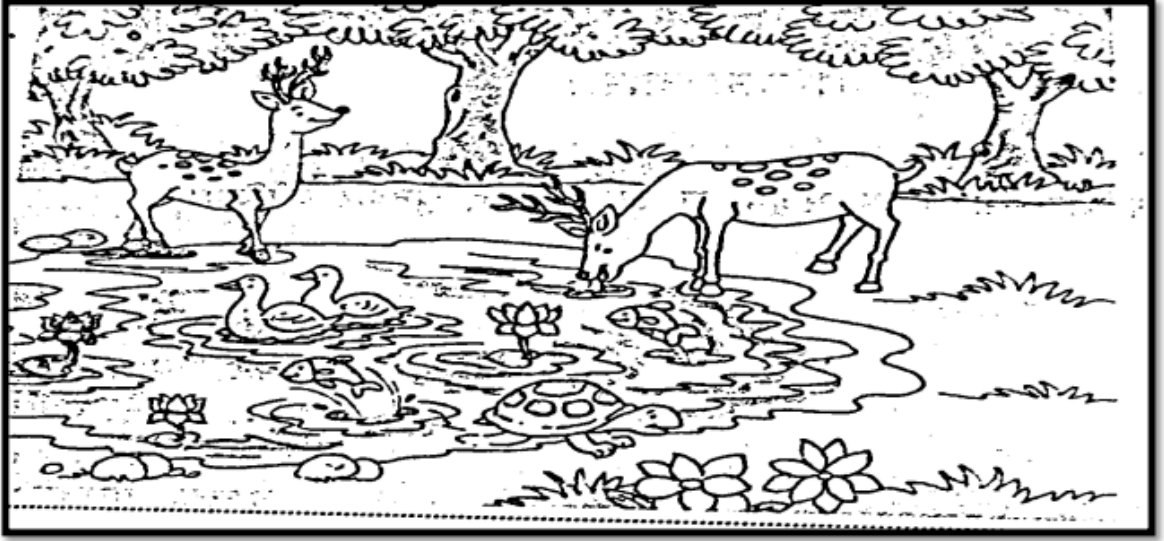
सीमा – (ग)..... अपि तत्र एव गच्छामि। आवां सह एव (घ)..... ।

चीनू – किं तव भ्राता (ङ)..... आगच्छति ?

सीमा – न, सः तु अम्बया सह गृहे एव अस्ति।

प्र03 चित्रं दृष्ट्वा मञ्जूषायां प्रदत्त पदानां सहायतया संस्कृते त्रीणि वाक्यानि लिखत।

तरतः, सरोवरस्य, सन्ति, कमलानि, मृगौ



(क) एतत् चित्रं (अ)..... अस्ति।

(ख) सरोवरे अनेकानि (ब)..... विकसन्ति।

(ग) तटे द्वौ (स) स्तः।

(घ) समीपे अनेके वृक्षाः पादपाः च (द) सन्ति।

(ङ) अत्र द्वौ हंसौ (इ) ।

खण्ड 'ग' अनुप्रयुक्त-व्याकरणम्

- प्र04 मंजूषा में दिए गए अव्यय पदों से रिक्त स्थान भरिए—**
(अद्य, नीचैः, च, तीव्रम्)
(क) कुक्कुरः धावति ।
(ख) वृक्षे काकाः पिकाः वसन्ति ।
(ग) शुक्रवासरः अस्ति ।
(घ) जलं सदैव वहति ।
- प्र05 निर्देशानुसार उचित षड्भूत रूप चुनिए—**
(क) फल शब्द, षष्ठी विभक्ति, बहुवचन –
(अ) फले (ब) फलात् (स) फलेभ्यः (द) फलानाम्
(ख) अस्मद् शब्द, पंचमी विभक्ति, एकवचन –
(अ) अस्माकम् (ब) अस्मान् (स) मत् (द) अस्मभ्यम्
(ग) एतद् (पुल्लिंग) , प्रथमा विभक्ति, द्विवचन –
(अ) एषः (ब) एतौ (स) एते (द) एताः
(घ) लता शब्द, तृतीया विभक्ति, एकवचन –
(अ) लतासु (ब) लतया (स) लताभिः (द) लताः
- प्र06 रिक्तस्थानों को उचित क्रियापदों से भरिए ।**
(क) यूयं कार्यं । (करिष्यथः/ करिष्यथ/ करिष्यावः)
(ख) जले मत्स्याः । (तरन्ति/ तरतः/ तरति)
(ग) त्वं तीव्रम्..... । (चलथ/ चलथः/ चलसि)
(घ) वयं नेत्राभ्याम् । (पश्यामि/ पश्यावः/ पश्यामः)
- प्र07 उचित संख्यावाचक पदों से रिक्त स्थान भरिए—**
(क) उद्याने जनाः भ्रमन्ति । (अष्ट/ अष्टाः)
(ख) मम हस्ते अंगुल्यः सन्ति । (त्रयः/ पंच)
(ग) कन्दुकानि । (द्वादश/ द्विदश)
(घ) दीपाः । (सप्तदश/ सप्तादशः)
- प्र08 रिक्त स्थानों की संख्यावाचक पदों से पूर्ति कीजिए ।**
(क) वृक्षे..... (2) फले स्तः ।

- (ख) (4) बालकाः क्रीडन्ति ।
(ग) मुखे (1) नासिका अस्ति ।

प्र09 निर्देशानुसार धातुरूप लिखिए—

- (क) कृ धातु लट् लकार प्रथम पुरुष (तीनों वचन)
(ख) नम् धातु लट् लकार मध्यम पुरुष (तीनों वचन)

प्र010 रेखांकित शब्दों को शुद्ध करके वाक्यों को पुनः लिखिए —

- (क) रामः दुग्धं पास्यन्ति ।
(ख) एषा पत्रम् अस्ति ।
(ग) यूयं चित्रं पश्यतः ।

प्र011 निम्नलिखित व्यवहारिक शब्दों के हिन्दी अर्थ लिखिए—

- (क) नृपः (ख) आपणः (ग) फलकम्

खण्डः 'घ' पठित अवबोधनम्

प्र012 मंजूषा में दिए गए शब्दों की सहायता से रिक्त स्थानों को पूरा कीजिए—

वने, छात्राय, आश्रमात्, हस्तस्य

- (क) शिक्षकःज्ञानं यच्छति ।
(ख) तापसःआगच्छति ।
(ग) दानंभूषणं भवति ।
(घ) मृगःविचरति ।

प्र013 उचित मिलान कीजिए—

स्तम्भ 'क'	स्तम्भ 'ख'
(क) निर्झराः	धूप
(ख) सत्यम्	घोंसलों में
(ग) आतपः	सच
(घ) नीडेपु	झरने

MATHEMATICS

TOPIC: Ratio and Proportions

Section A (1 Mark Questions)

1. The unit of ratio is expressed in
a) Metre b) Gram c) Litre d) None
2. The ratio of 8 books to 20 books is
a) 2 : 5 b) 5 : 2 c) 4 : 5 d) 5 : 4
3. Express the ratio 4:60 in its lowest form
a) 2:30 b) 1:15 c) 3:45 d) None
4. The ratio of the number of sides of a square to the number of edges of a cube is
a) 1 : 2 b) 3 : 2 c) 4 : 1 d) 1 : 3
5. Neelam's annual income is Rs. 288000. Her annual savings amount to Rs. 36000. The ratio of her savings to her expenditure is
a) 1 : 8 b) 1 : 7 c) 1 : 6 d) 1 : 5

Section B (2 Marks Questions)

6. Fill in the blanks:
a) $20\text{m} : 70\text{m} = \text{Rs } 8 : \text{Rs } \underline{\hspace{2cm}}$.
b) If two ratios are equal, then they are in $\underline{\hspace{2cm}}$.
7. A fast train covers 320 km in 3 hours 20 minutes. How much time will it take to cover a distance of 90 km?
8. Which ratio is larger 10: 31 or 21: 93?
9. Arvind can type 2700 words in one hour. How many words can he type in 3 minutes?

Section C (3 Marks Questions)

10. Which of the following are in proportion?
a) 4,12,6,18
b) 6,9,8,12
c) 5,20,1,4
11. A line segment 56cm long is to be divided into two parts in the ratio of 2: 5. Find the length of each part.
12. A farmer sells 40 quintal of wheat for Rs.8000. What quantity of wheat should he sell in order to receive Rs.10000?
13. Find each of the following ratios in the simplest form:
a) 24 to 56
b) 84 paise to Rs.3
c) 48 minutes to 1 hour
14. State True/False:
a) A ratio will always be more than 1.(True/False)
b) $25\text{kg} : 20\text{g} = 50\text{kg} : 40\text{g}$ (True/False)
c) $20\text{g} : 100\text{g} = 1\text{metre} : 500\text{cm}$ (True/False)

Section D (4 Marks Questions)

15. Determine if the following ratios form a proportion:

- a) 81 kg: 45 kg and 18 men: 10 men
- b) 45 km: 6000m and 12 h: 15 h
- c) 30 bags: 18 bags and Rs. 450: Rs. 270
- d) 36: 45 and 80: 100

Enrichment Questions

16. Find the value of x in each of the following proportions:

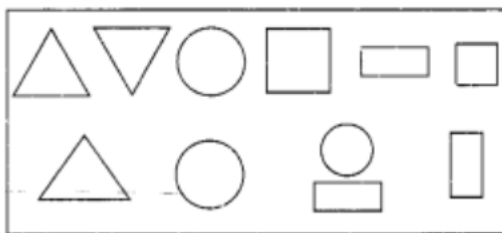
- a) $55 : 11 :: x : 6$
- b) $27 : x :: 63 : 84$

CASE STUDY BASED

1. Present age of Ramu's father is 42 years and the age of Ramu is 14 years. Based on the above information, answer the following questions:



- (i) Find the ratio of present age of father to the present age of Ramu.
 - (ii) Find the ratio of Age of the father to the age of son, when son was 12 year old.
 - (iii) Find the Age of father after 10 years to the age of son after 10 years.
 - (iv) Find the age of father to the age of son when father was 30 years old.
2. From the figure, find the ratio of
- (a) The number of squares to the number of triangles.
 - (b) The number of circles to the number of rectangles.
 - (c) The number of circles to the total number of figures



GENERAL SCIENCE

Topic: Light, Shadow and Reflection

1. Observe the picture given in figure carefully.

A patch of light is obtained at B, when the torch is lighted, as shown. Which of the following is kept at position A to get this patch of light?

- (a) A Metal sheet
- (b) A glass sheet
- (c) A mirror
- (d) A sheet of white paper,

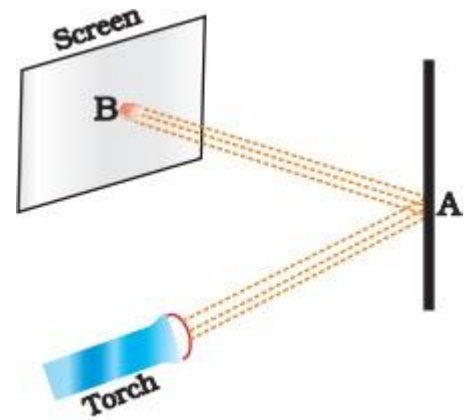


Fig. 11.1

2. A student observes a tree given in figure through a pinhole camera. Which of the diagrams given in figures (a) to (d) depicts the image seen by her correctly?



Fig. 11.2

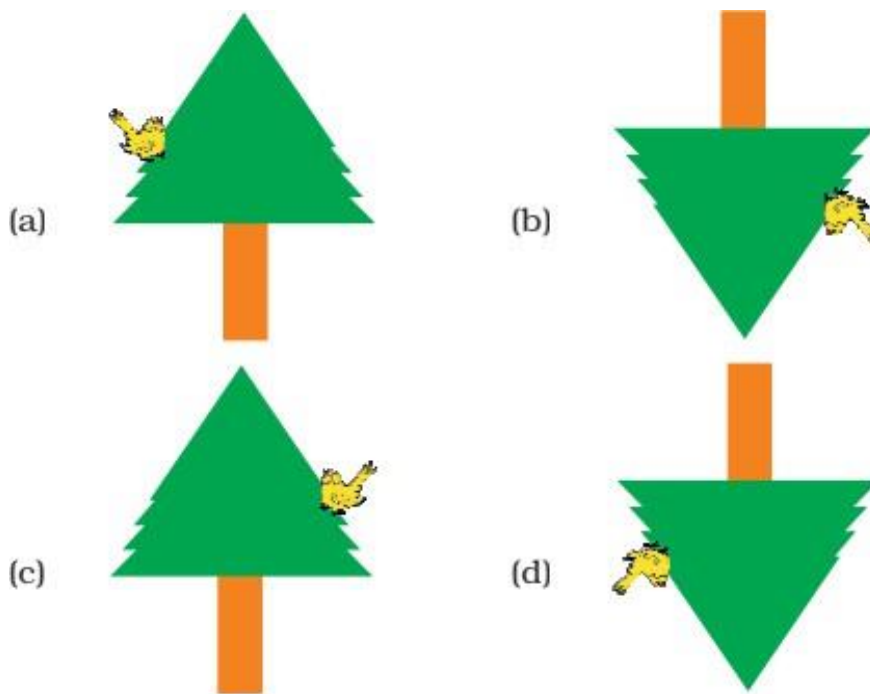


Fig. 11.3

3. Three torches A, B and C, shown in figure are switched on one by one. The light from which of the torches will not form a shadow of the ball on the screen.

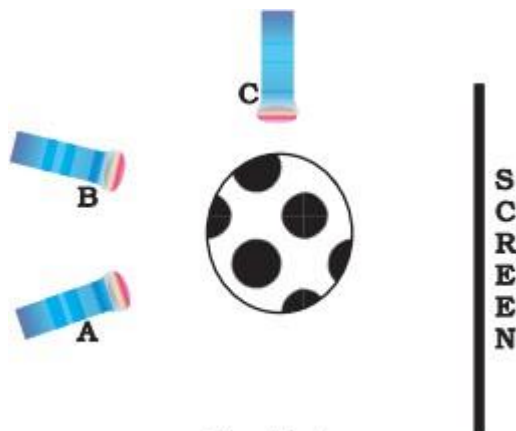


Fig. 11.7

4. Classify the following into transparent, opaque and translucent objects:

Wax, spectacles, a heap of salt, a stone, dense smoke, wood, skin, balloon, rubber, membrane of a tabla, blood and milk.

5. Close your eyes while looking towards bright sunshine. Now, cover the eyes with your palm still keeping them closed. Do you notice any difference? On the basis of this experience, state whether your eyelids are transparent, translucent or opaque.
6. Four students, A, B, C and D, looked through pipes of different shapes to see a candle flame as shown in fig 11.4.

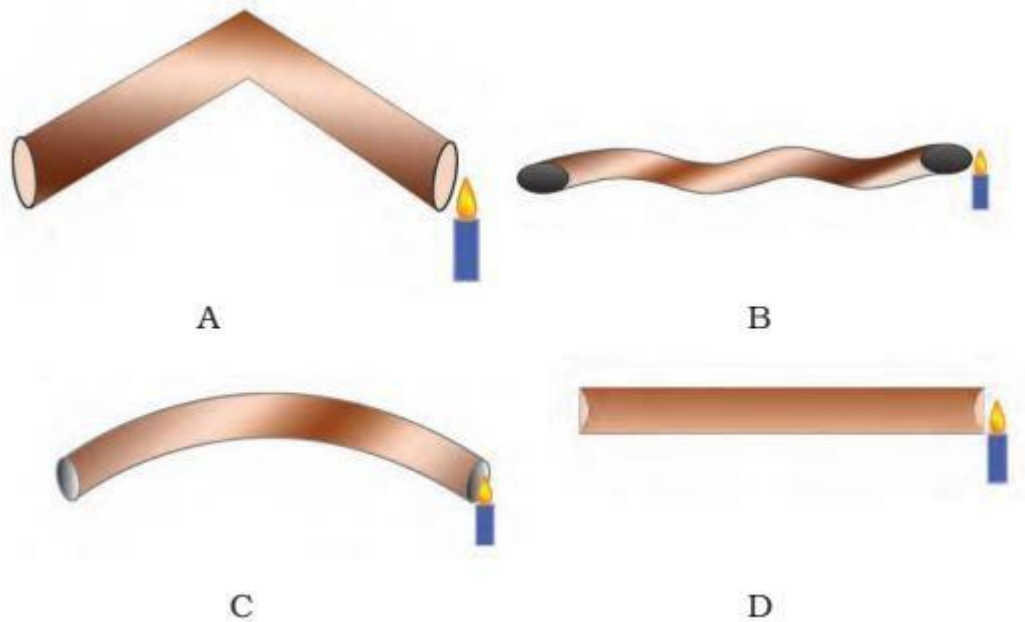


Fig. 11.4

Who will be able to see the candle flame clearly?

- (a) A
- (b) B
- (c) C
- (d) D

7. Sometimes, you are able to see the Sun or the Moon behind the clouds. What can you say about the ability of such clouds to transmit light?
8. How will you convert a transparent glass sheet into a translucent sheet? Suggest any two ways to do it.
9. Name sources of light that are not hot.
10. Write down four man-made sources of light.
11. Does the fire emit light?
12. Give examples of two substances through which light does not pass?

SOCIAL SCIENCE

TOPICS:

Geography: Our Country India

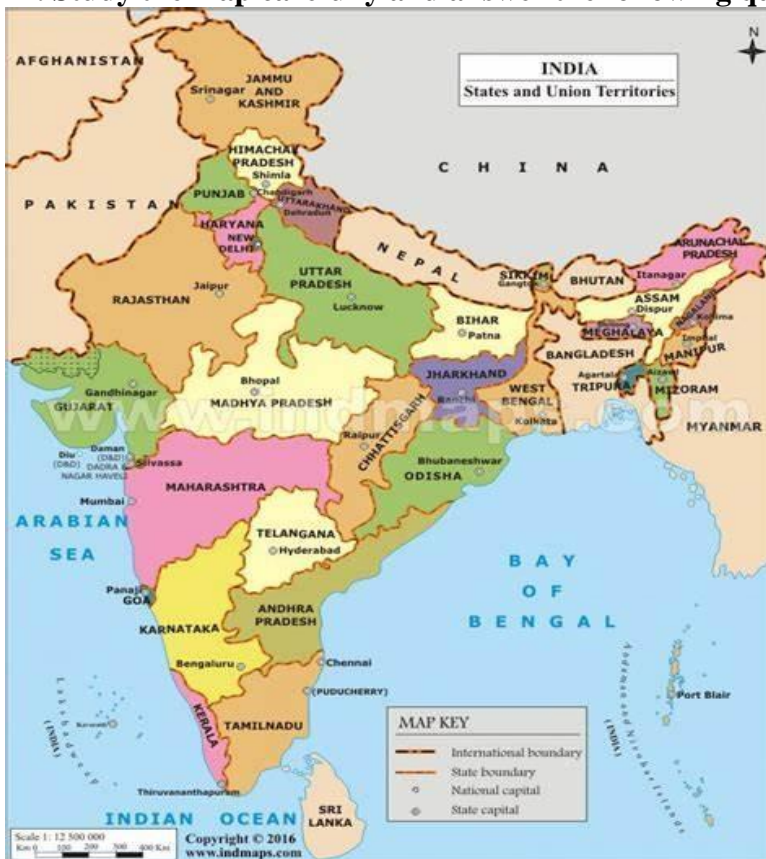
History: From Kingdom to an Empire.

ONE MARK QUESTIONS:

1. Name any two Chinese Buddhist pilgrims.
2. The latitudinal extent of our country is _____.
3. Give two examples of east flowing rivers.
4. Make a list of important cities of the Mauryan empire.
5. State True/False
 - (i) Aravali hill is one of the oldest ranges of the world.
 - (ii) India has an area of about 1.28 million sq. km.
 - (iii) The Greater Himalayas are also known as Himadri.
 - (iv) The Tropic of Cancer ($23^{\circ}30'N$) passes almost halfway through the country.
 - (v) India is located in the southern hemisphere.
6. Observe the picture and fill up the blanks:
 - a) How many lions are visible in the Ashoka Lion Capital as seen in the national emblem?
 - b) Where was the original Ashoka Lion Capital discovered?
 - c) What is inscribed below the Ashoka Lion Capital in India's national emblem?
 - d) The Ashoka Lion Capital was adopted as the national emblem of India in which year?



7. Study the map carefully and answer the following questions:



- A. The four states which are situated along the Himalayas are:
(a) Jammu and Kashmir, Himachal Pradesh, Uttarakhand, Arunachal Pradesh
(b) Gujarat, Maharashtra, Haryana, Rajasthan
(c) Gujarat, Chhattisgarh, Bihar, Jharkhand
(d) Bihar, West Bengal, Orissa, Uttar Pradesh
- B. The neighbouring countries that share their boundaries with India are :
(a) Pakistan and Afghanistan
(b) Myanmar and Bangladesh
(c) China and Nepal
(d) All the above
- C. Which meridian is fixed as a Standard Meridian of India?
(a) $82\frac{1}{2}^{\circ}$ E
(b) $84\frac{1}{2}^{\circ}$ E
(c) 86° E
(d) 81° E
- D. Which of the following Union Territories is located along the west coast of India?
(a) Andaman and Nicobar Islands
(b) Chandigarh
(c) Dadra and Nagar Haveli
(d) Puducherry
- E. Due to which of the following reasons is the Indian Ocean named after India?
(a) India has a strategic location along the trans-Indian Ocean routes
(b) No other country has a long coastline on the Indian Ocean as India
(c) India is centrally located at the head of the Indian Ocean
(d) All the above
- F. By which geographical feature is India bounded in the north-west, north and north-east?
(a) Seas
(b) Large Plateaus
(c) Young Fold Mountains
(d) Sandy Desert

THREE MARK QUESTIONS:

1. How can we say Ashoka was a unique ruler?
2. Elaborate upon the main features of the Peninsular Plateau.
3. Standing as sentinels in the north of India are the lofty snowcapped Himalayas. Discuss the three main ranges of the Himalayas.
4. Mention main features of administrative system of the Mauryan empire.

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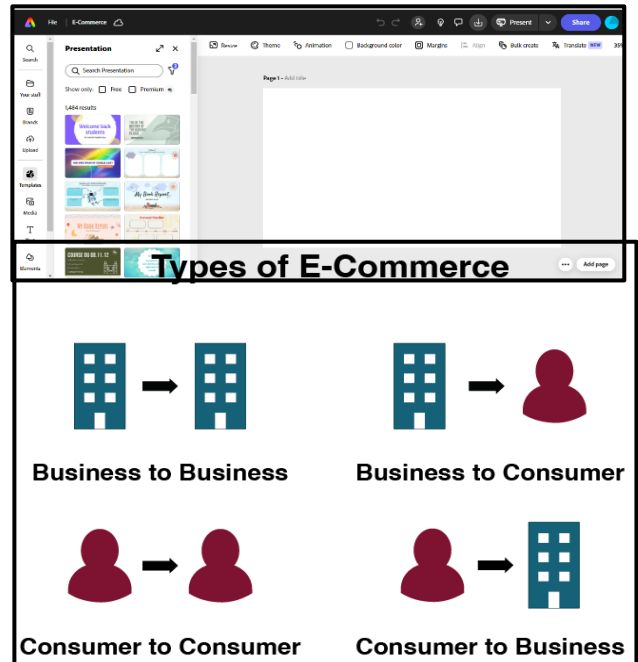
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Leverage the **text-to-template** feature using Generative AI to create an attractive design.

Highlight key attractions like the Haunted House, Lucky Draw, thrilling rides, exciting games, and more!"

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