

English

Note: Do it on ruled sheets only.

Literature (Part-A)

1. What did Rama Natha believe could turn things into gold?
2. Describe Rama Natha's initial beliefs and how they affected his actions.
3. Discuss the role of Madhumati in the story and her influence on Rama Natha in 100 words.
4. What life lesson can students learn from Rama Natha's journey? Write in 100 words
5. What compliment does the Fox give to the Raven?
6. What lesson does the Fox teach the Raven by the end of the poem? Write in 100 words
7. Describe the interaction between the Fox and the Raven.
8. What did the thief decide to do while waiting?
9. Describe the plan the couple used to alert the Kotwal.
10. What does the story teach about teamwork in difficult situations? Write in 100 words
11. What life lesson can readers learn from the couple's actions in the story? Write in 100 words

Writing (Part B)

12. Write an Essay on "If I Were the Principal of My School."
13. Write a paragraph on "My Aim in Life."
14. Write an Essay on "Importance of Good Etiquettes."
15. Write a Letter to the Editor of The Times of India, Delhi, expressing your Concern Over the Increase in the Rate of Road accidents
16. Write a Letter to the Editor of a Newspaper on the Health Hazards of Junk Food
17. Write a letter to your Principal asking for leave for 7 days

Grammar (Part C)

18. Go through the following sentences and punctuate them appropriately.
 - a) Wow, such a beautiful dress
 - b) Do you want to go to the cafe
 - c) Please bring me a cup of tea
 - d) Simran is an intelligent girl
 - e) Did you meet Mr Stephen Hawking
 - f) Alas, my dog died
 - g) The rainbow is so beautiful
 - h) You should respect the views of others
 - i) Captain America saved the little boy
 - j) Please follow the traffic signals
19. Underline the phrases used in the following sentences.
 - a) The lion is an animal of great strength.
 - b) A homeless child has to spend his days in great misery.
 - c) He listened to me with great attention.
 - d) Do not play with naughty boys.
 - e) Calcutta is a city of thick population.
 - f) He is full of courage.
 - g) She was wearing a bangle made of gold.
 - h) An old man lived beside the lake.
 - i) The boy stood on the burning deck.

j) He wants to go home.

20. Read the following sentences and identify the type of noun used.

- a) Kolkata is the capital of West Bengal.
- b) The Royal Bengal Tiger is found in the Sunderbans.
- c) The jury gave a unanimous verdict.
- d) Laughter is good for health.
- e) The crowd is very big.
- f) The elephant is an intelligent animal.
- g) The Ganges is a sacred river.
- h) The bravery of the soldier saved the day.
- i) I bought furniture for my new house.
- j) King Solomon was very wise.

21. Change the Gender

- a) The lioness was ready to pounce.
- b) The actor acted quite well in the movie.
- c) My uncle lives in New York.
- d) My father works in a government office.
- e) The gentleman gave me this chocolate.
- f) The king ruled with sincerity.
- g) She was the duchess of Stanford.
- h) The waiter brought us our food.
- i) The prince succeeded his father.
- j) The cock started calling at the break of dawn.

22. Read the sentences and identify the subject in them.

- a) Cleopatra was the queen of Egypt.
- b) The food tastes delicious.
- c) The gown is pretty expensive.
- d) My teacher chose the class monitor.
- e) My mother is a teacher in a prestigious school.
- f) Every day Sam goes to school.
- g) Next week my grandparents are going to visit us.
- h) The principal suspended the boys for being naughty.
- i) Mars is known as the red planet.
- j) Kangaroo is the national animal of Australia.

23. Read the following sentences and find out the predicate.

- a) The pizza tastes good.
- b) My parents are discussing their vacation plans.
- c) They have watched Avengers multiple times.
- d) The husband and wife are dancing to the music.
- e) The little girl was wearing a purple dress.
- f) The baby was crying loudly.
- g) Amy went to practise her guitar lesson.
- h) Ashok was a great king.
- i) Delhi has many famous historical sites.
- j) The stars are brightly twinkling.

Reading (Part D)

24. Read the following passage and answer the following questions:

Mira discovered a small garden behind her house. It was hidden by tall trees and overgrown bushes. As she stepped inside, she noticed flowers of all colors, red, yellow, and purple, blooming everywhere. Birds chirped in the branches, and bees hovered over the flowers collecting nectar. Mira found a small pond in the center with clear water and a few frogs croaking loudly. She decided to clean a small patch and plant some vegetables. Over time, the garden became a peaceful retreat where Mira read books, observed butterflies, and spent quiet afternoons. Her friends also joined her sometimes, and together they learned about plants, insects, and the importance of keeping nature clean. Mira felt proud that she had transformed a neglected space into a lively garden.

Questions:

- What did Mira find behind her house?
- Name two types of animals mentioned in the garden.
- What did Mira plant in the garden?
- How did Mira feel after transforming the garden?
- Why is keeping nature clean important, according to the passage?

Subject Enrichment Activity:

1. In a scrapbook collect 20 new English words from newspapers/books and write their meaning along with sentence, paste picture or symbol in it.

Science

Q1: Which vitamin deficiency causes scurvy?

- a) Vitamin A b) Vitamin B1 c) Vitamin C d) Vitamin D

Q2: Which of the following is a source of Vitamin C?

- (a) Milk (b) Oranges (c) Wheat (d) Rice

Q3: What does a balanced diet include?

- (a) Only carbohydrates (b) A variety of nutrients
(c) Only fruits and vegetables (d) Only proteins and fats

Q4: What type of roots does a mustard plant have?

- a) Fibrous roots b) Taproots c) No roots d) Aerial roots

Q5. What drives humans to explore questions from a young age?

- (a) Necessity (b) Curiosity (c) Education (d) Environment

Q6. Which of the following is an example of a terrestrial habitat?

- a) River b) Lake c) Forest d) Ocean

Q7. Fill in the blanks:

- Deficiency of Vitamin D causes _____.
- Water can be solid (ice), liquid (water), or gas _____.
- Science solves _____ of the universe.
- Dicot plants have _____ Venation.

Q8. Give the name of nutrient which needed for growth of our body.

Q9. Define culinary practices.

Q10. Define adaptations.

- Q11. What is the similarity between creepers and climbers?
- Q 12. Give the difference and similarities between mountain goat and plain goat.
- Q13. Reducing food miles is important why?
- Q14. Life is possible only on earth do you agree? justify your answer based on your observation.
- Q 15. who are scientists?
- Q 16. What is scientific method. give the steps involved in scientific method.
- Q 17. Give difference between terrestrial habitat and aquatic habitat with examples.
- Q 18. What is the significance of iodised salt?
- Q 19. What are main components of the food? Explain with the help of examples.
- Q 20. Differentiate between
- Fibrous root and tap root
 - Monocot and dicot plants
- Q 21. State some modification in the trees in the mountainous region that help them to survive there.
- Q 22. State 3 differences between herbs, shrubs and trees and terms of their appearance.
- Q 23. "Science is rarely done alone" justify the statement. write the advantages of teamwork.
- Q 24. What is deforestation? How it impacts our environment?
- Q25. List various types of nutrients and write their sources, functions and disease caused by their deficiency.

Subject Enrichment Activity:

- Living things classification chart / leaf collection album along with plant name / shape / size. (Odd Roll Numbers)
- Classification of animals, based on their habitat (through flowchart). (Even Roll Numbers)

Social Science

Very short question answers

- A map is a _____ of some area.
- What is a globe?
- How many hemispheres does the Equator divide the Earth into?
- What is the heat zone near the Equator called?
- Which longitude is used to calculate time?
- CE stands for:
- Name two main sources of history?
- What are staple grains?
- Name two epics of India.
- How many languages were observed under the "People of India Project"?

Short question answers

- Difference between longitude and latitude?
- Why is India called a diverse country?
- What is the importance of festivals in unity?
- Who are archaeologists?
- Why should we preserve historical sources?
- What is a timeline? Why is it important?

7. How do coordinates used in maps help to determine the location of any place?
8. Explain meridians of longitude. Why is the Prime Meridian called the Greenwich Meridian?
9. Explain how human history began on Earth?
10. Define:(1) Anthropologist (2) Geologist?

Long question answers

1. Explain how the example of the sari reflects both unity and diversity?
2. What is the grid system on the globe? Explain how latitude and longitude help in locating places on the earth?
3. Explain the different types of sources that help to understand the history?
4. Explain how early humans lived according to historical evidence?
5. Explain with example how India is a land of vast diversity?

Subject Enrichment Activity:

1. Chapter-1: Locating place on the Earth (Odd Roll Numbers)
Make a flow chart on the components of map and explain in brief also.
2. Chapter-9: Family and Community (Even Roll Numbers)
Draw a flow chart on the types of family and community. Explain in brief also.

Hindi

1. बारिश को लेकर हर व्यक्ति का अनुभव अलग होता है। बारिश आने पर आपको कैसा लगता है बताइए ?
2. पहली बूँद कविता के कवि का परिचय लिखिए?
3. पाठ-2 गोल में मेजर ध्यानचंद जी का परिचय लिखिए?
4. मातृभूमि कविता के कवि का परिचय लिखिए?
5. सूबेदार, छावनी, पंजाब रेजीमेंट, बर्लिन ओलंपिक लास नायक, सैंपर्स एंड माइनस टीम शब्दों का अर्थ या संदर्भ लिखिए। पाठ 2 पृष्ठ संख्या 17।
6. पृथ्वी, बुद्धिमान, खिलाड़ी, नोक-झोंक, बारिश, बाहुबल शब्दों के उचित वाक्य बनाइए?
7. मातृभूमि कविता में किन-किन महापुरुषों के नाम आए हैं लिखिए?
8. आपको कौन सी ऋतु सबसे प्रिय है और क्यों बताइए?
9. "आसमान में उड़ता सागर, लगा बिजलियों के स्वर्णिम पर, बजा नगाड़े जाग रहे हैं बादल धरती तरुणाई।"
"नीले नयनों सा यह अंबर, काली पुतली सा यह जलधर। करुणा विगलित अश्रु बहाकर, धरती की चिर प्यास बुझाई।" इन पंक्तियों का आपको क्या अर्थ समझ में आया लिखिए?
10. बारिश की पहली बूँद से धरती का हर्ष कैसे प्रकट होता है?
11. आपको कौन से खेल और कौन से खिलाड़ी सबसे अधिक अच्छे लगते हैं और क्यों?
12. किन बातों से ऐसा लगता है कि ध्यानचंद स्वयं से पहले दूसरों को रखते थे?
13. हिमालय की स्थिति कैसी है और कविता में मातृभूमि को किन-किन नाम से पुकारा गया है?
14. भाषा और बोली में अंतर स्पष्ट करें।
15. मुहावरे और लोकोक्ति की परिभाषा लिखिए?
16. वर्ण किसे कहते हैं?
17. व्यंजन किसे कहते हैं व्यंजन के भेदों के नाम लिखें?

18.लिंग किसे कहते हैं लिंग के भेद की परिभाषाएँ उदाहरण के साथ लिखिए?

19.सर्वनाम की परिभाषा और भेदों के नाम भी लिखिए?

20.व्याकरण पुस्तक पृष्ठ संख्या 170 अपठित गद्यांश के आधार पर प्रश्नों के उत्तर दीजिए

ईश्वरचंद्र _____ कार्य स्वयं करेंगे

21.अच्छे विद्यार्थी के गुण अनुच्छेद 100 शब्दों में लिखिए।

22.अपने विद्यालय के प्रधानाचार्य को पत्र लिखकर अपने अस्वस्थ होने के कारण अनुपस्थित होने की सूचना देते हुए प्रार्थना पत्र लिखिए।

23.अपने छोटे भाई को कुसंगति (बुरी संगत)से बचने के लिए समझाते हुए पत्र लिखिए।

24 कहानी लिखिए 'ईमानदारी का फल'

25.व्याकरण पुस्तक पृष्ठ संख्या 72 और 77 चित्र का चित्र वर्णन 50 शब्दों में कीजिए।

Subject Enrichment Activity:

1. संज्ञा और उसके भेदों के नाम लिखकर एक वृक्ष (पेड़) का चित्र बनाइए। उसकी डालियों पर भेदों से संबंधित उदाहरण दीजिए।
2. भारत की 22 मान्यता प्राप्त भाषाओं के नाम लिखिए और वे किस राज्य में बोली जाती हैं।

Punjabi

ਪਾਠ-ਪੁਸਤਕ ਸੰਬੰਧਿਤ:

1. ਸ਼ਬਦ ਅਰਥ:

- i) ਅੰਬਰ ii) ਮੁਹਾਰਤ iii) ਬਿਰਤੀ iv) ਨਜ਼ਰ ਕਰਨਾ v) ਅਨੁਭਵ

2. ਵਾਕ ਵਿੱਚ ਵਰਤੋ:

- i) ਗਲਤੀ ii) ਆਦਤ iii) ਮਿਹਨਤ iv) ਉਡੀਕ v) ਮਦਦਗਾਰ

ਹੇਠ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਉ:-

3.ਸਾਂਡਰਸ ਨੂੰ ਮਾਰਨ ਦੀ ਘਟਨਾ ਕਿੱਥੇ ਤੇ ਕਦੇ ਹੋਈ ਸੀ। ਚੰਦਰ ਸ਼ੇਖਰ ਅਜ਼ਾਦ ਦਾ ਇਸ ਘਟਨਾ ਨਾਲ ਕੀ ਸਬੰਧ ਸੀ?

4.ਇਸ ਕਵਿਤਾ ਵਿੱਚ ਉਡਾਰੀ ਮਾਰ ਤੋਂ ਕਵੀ ਦਾ ਕੀ ਭਾਵ ਹੈ?

5.ਸਾਧੂ ਰਾਜੇ ਨੂੰ ਕੀ ਸਮਝਾਉਣਾ ਚਾਹੁੰਦਾ ਸੀ?

6.ਕੀ ਤੁਹਾਨੂੰ ਕਹਾਣੀ ਵਿਚਲਾ ਸਾਧੂ ਇਕ ਵਿਦਵਾਨ ਵਿਅਕਤੀ ਜਾਪਦਾ ਹੈ ਦਲੀਲ ਨਾਲ ਸਮਝਾਉ।

7. ਕਾਕੇਰੀ ਘਟਨਾ ਕਿਵੇਂ ਤੇ ਕਦੇ ਹੋਈ?

8. ਸ਼ਹੀਦ ਭਗਤਾਂ ਦੀਆਂ ਤਸਵੀਰਾਂ ਚਿਪਕਾ ਕੇ ਨਾਮ ਲਿਖੋ।

9. ਆਪਣੇ ਜੀਵਨ ਵਿਚ ਸਮੇਂ ਦੀ ਕਦਰ ਕਰਨ ਲਈ ਸਾਨੂੰ ਕੀ ਕਰਨਾ ਚਾਹੀਦਾ ਹੈ 50 ਸ਼ਬਦਾਂ ਵਿਚ ਲਿਖੋ।

10. ਪਾਠ-ਪੁਸਤਕ ਆਧਾਰ ਤੇ ਪੰਨਾ ਨੰਬਰ-19 ਤਸਵੀਰ ਨੂੰ ਧਿਆਨ ਨਾਲ ਦੇਖੋ ਅਤੇ ਆਪਣੇ ਵਿਚਾਰ ਨੂੰ ਲਗਭਗ 100 ਸ਼ਬਦਾਂ ਵਿਚ ਲਿਖੋ।

11. ਚੰਦਰ ਸ਼ੇਖਰ ਅਜ਼ਾਦ ਦੀ ਤਸਵੀਰ ਚਿਪਕਾ ਕੇ ਉਸਦੇ ਜੀਵਨ ਬਾਰੇ ਲਿਖੋ।

12. ਨਵੀਂ ਉਡਾਰੀ ਮਾਰ ਕਵਿਤਾ ਵਿਚ ਜਿਸ ਰੁੱਤ ਦਾ ਵਰਣਨ ਕੀਤਾ ਗਿਆ ਹੈ, ਉਸਦੀ ਤਸਵੀਰ ਚਿਪਕਾ ਕੇ 50 ਸ਼ਬਦਾਂ ਵਿੱਚ ਵਰਣਨ ਕਰੋ।

ਵਿਆਕਰਣ ਭਾਗ ਨਾਲ ਸੰਬੰਧਿਤ

13. ਲਿੰਗ ਬਦਲੀ ਕਰੋ

- i) ਖਿਡਾਰੀ ਖੇਡ ਰਹੇ ਹਨ।
- ii) ਜਾਦੂਗਰ ਨੇ ਜਾਦੂ ਦਿਖਾਇਆ।
- iii) ਮਾਲਣ ਬੂਟੇ ਨੂੰ ਪਾਣੀ ਦੇ ਰਹੀ ਹੈ।
- iv) ਉਸਦਾ ਮਿੱਤਰ ਪੰਡਤ ਹੈ।
- v) ਮਾਸਟਰ ਪੜ੍ਹ ਰਿਹਾ ਹੈ।

14. ਵਚਨ ਬਦਲੀ ਕਰੋ

- i) ਕੁੜੀ ਖੇਡਦੀ ਹੈ।
- ii) ਮੇਰੀ ਸਹੇਲੀ ਆ ਰਹੀ ਹੈ।
- iii) ਚਿੜੀ ਦਾਣਾ ਖਾ ਰਹੀ ਹੈ।
- iv) ਰੇਲ ਗੱਡੀ ਪਟੜੀ ਤੇ ਜਾ ਰਹੀ ਹੈ।
- v) ਮਿਠਾਈ ਬੜੀ ਸੁਆਦ ਹੈ।

15. ਵਿਰੋਧੀ ਸ਼ਬਦ

- i) ਨਰਕ ii) ਸਿਆਣਾ iii) ਰਾਣੀ iv) ਹਨੇਰਾ v) ਆਲਸੀ

16. ਬੋਲੀ ਜਾ ਭਾਸ਼ਾ ਕਿਸਨੂੰ ਕਹਿੰਦੇ ਹਨ?

17. ਬੋਲੀ ਅਤੇ ਭਾਸ਼ਾ ਦੀਆਂ ਕਿਸਮਾਂ ਦੱਸੋ ਅਤੇ ਇਹਨਾਂ ਕਿਸਮਾਂ ਦੇ ਨਾਮ ਲਿਖੋ।

18. ਉਪ ਬੋਲੀ ਅਤੇ ਮਾਤ ਭਾਸ਼ਾ ਕਿਸਨੂੰ ਕਹਿੰਦੇ ਹਨ?

19. ਮੌਖਿਕ ਭਾਸ਼ਾ ਅਤੇ ਲਿਖਤੀ ਭਾਸ਼ਾ ਵਿੱਚ ਅੰਤਰ ਦੱਸੋ?

20. ਭਾਰਤ ਦੀ ਰਾਜ ਭਾਸ਼ਾ ਤੇ ਰਾਸ਼ਟਰੀ ਭਾਸ਼ਾ ਕਿਹੜੀ ਹੈ?

21. ਵੱਖ-ਵੱਖ ਮਾਨਤਾ ਪ੍ਰਾਪਤ ਭਾਸ਼ਾਵਾਂ ਦੇ ਨਾਮ ਲਿਖੋ।

22. ਲੇਖ-ਕੰਪਿਊਟਰ ਦੀਆਂ ਲਾਭ ਅਤੇ ਹਾਨੀਆਂ।

23. ਪੈਰਾ ਰਚਨਾ-ਬੇਰੁਜ਼ਗਾਰੀ

24. ਬਿਨੈ ਪੱਤਰ-ਸਕੂਲ ਦੇ ਮੁੱਖ ਅਧਿਆਪਕ ਸਾਹਿਬਾ ਨੂੰ ਸੈਕਸ਼ਨ ਨਾ ਬਦਲਣ ਲਈ ਬਿਨੈ ਪੱਤਰ ਲਿਖੋ।

25. ਕਹਾਣੀ-ਏਕਤਾ ਵਿੱਚ ਬਲ ਹੈ।

ਨੋਟ: ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਜ਼ਰੂਰੀ ਹਨ।

Subject Enrichment Activity:

1. ਪੰਜਾਬ ਦੀਆਂ ਉਪਭਾਸ਼ਾਵਾਂ ਦਾ ਫਲੋ ਚਾਰਟ ਬਣਾ ਕੇ ਉਨ੍ਹਾਂ ਦੇ ਇਲਾਕੇ ਲਿਖੋ।

2. ਚੰਦਰ ਸ਼ੇਖਰ ਅਜ਼ਾਦ ਦੀ ਤਸਵੀਰ ਚਿੱਪਕਾ ਕੇ ਉਹਨਾਂ ਦੇ ਜੀਵਨ ਦੀਆਂ ਘਟਨਾਵਾਂ ਨੂੰ ਸਾਲਾਂ ਦੇ ਕ੍ਰਮ ਵਿੱਚ ਲਿਖੋ।

Mathematics

Subject Enrichment Activity:

Chapter-4: Data Handling and Presentation (Odd roll numbers)

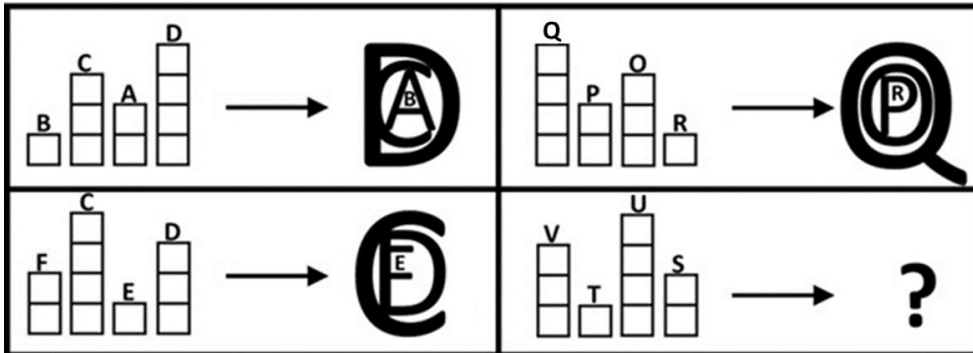
Explain types of graphs with examples.

Chapter-10: The other side of zero. (Even roll numbers)

Explain number family with examples.

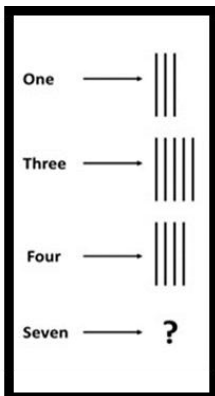
Chapter 4: Data Handling and Presentation

1. What will come in place of "?"








- a) 
- b) 
- c) 
- d) 

2. What will come in place of "?"



- a) 
- b) 
- c) 
- d) 

3. Sales of 4 milk stores are given below, in the form of a pictograph. If each symbol in the pictograph represents 'x' litres, where x is a whole number and the sales made by any store is less than 100 litres, what is the MAXIMUM possible quantity of milk sold (in litres) by all the stores in total?

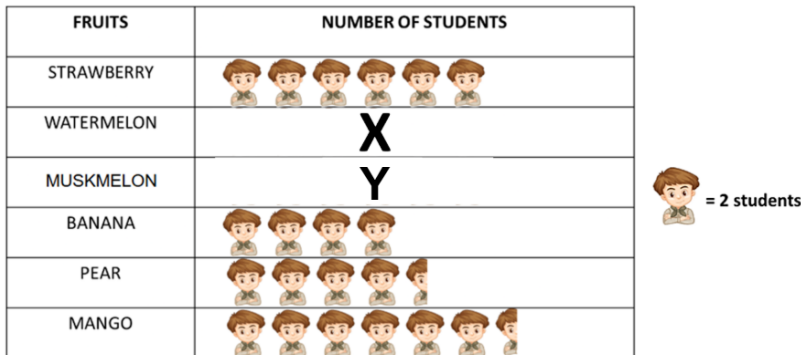
Store	Quantity of Milk sold  = x litres
A	
B	
C	
D	

- a) 255 L b) 272 L c) 306 L d) 283 L

6. The pictograph represents students' fruit preferences. Let X denote the number of students who like Watermelon and Y denote those who like Muskmelon.

- X is half the total number of students who like Strawberry and Banana
- Y equals the total number of students who like Pear and Mango

Which fruit has a number of students equal to the difference between X and Y?

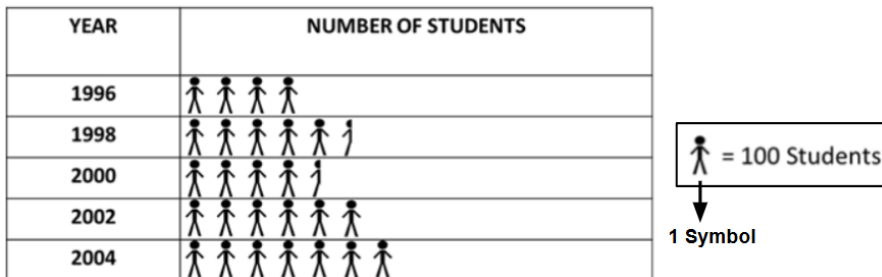


- a) Strawberry b) Banana c) Pear d) Mango

7. A pictograph with some missing data is shown below. Extra symbols need to be added (but none can be removed or shifted) to complete the pictograph, such that:

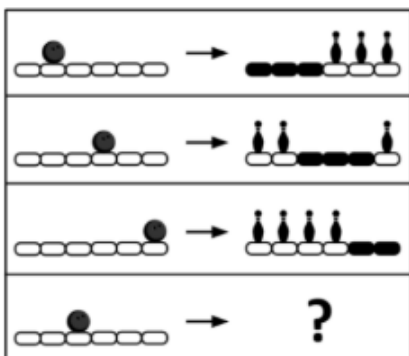
- The number of students increases by 300 for every gap of 4 years
- The number of students in each year is a multiple of 100

What is the MINIMUM number of symbols that must be added to satisfy all the above conditions?



- a) 8.5 b) 8 c) 9 d) 7.5

8. What will come in place of "?"

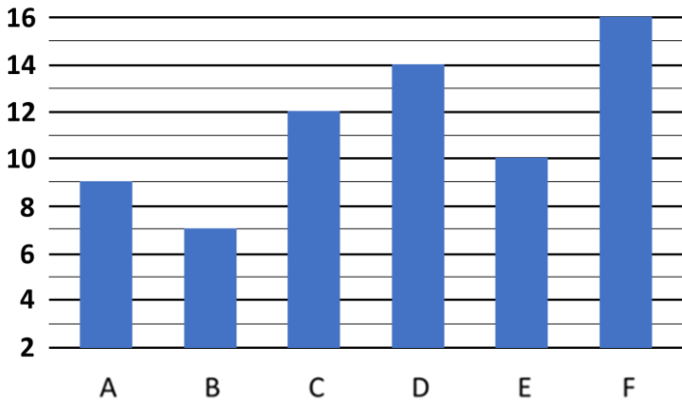


- a)  b)  c)  d) 

9. The bar graph shows the quiz scores of six students A, B, C, D, E, and F. The students are grouped as follows:

- Group 1: Students whose scores are composite numbers
- Group 2: Students whose score forms a perfect square when added to any other student's score
- Group 3: Students whose score is greater than the average score of all six students

How many students belong to exactly two of these groups?



a) 2

b) 3

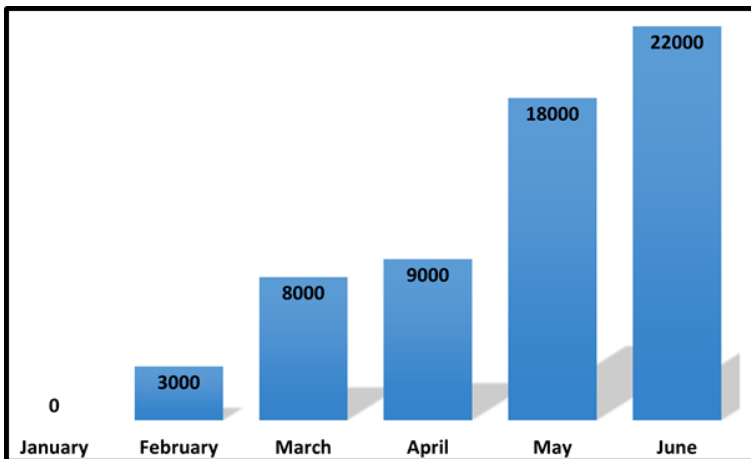
c) 4

d) 5

10. Raj saved some amount of money every month from January to June.

- He saved a total of Rs. 30,000 in the first three months and Rs. 30,000 again in the last three months as well
- He did not save any money in February
- The maximum total saved in any two consecutive months is Rs. 40,000
- While drawing the chart, Raj arranged the savings in increasing order without matching them with the month names written below

What was the actual amount saved in June?



a) Rs. 22000

b) Rs. 9000

c) Rs. 3000

d) Cannot be determined

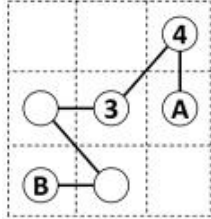


The Thinking Spot

The circles in the grid below can only contain numbers from 1 to 6.

- Every pair of connected circles contains consecutive numbers
- No two circles belonging to the same row or column can have the same number
- A number can be placed in more than one circle

What is the difference between A and B?



(a) 1

(b) 2

(c) 3

(d) 4



Chapter 10: The Other Side of Zero

1. In the following series, which of these English alphabets would appear first alongside a negative number?

A165, B153, C141, D129, ...

- a) M b) N c) O d) P

2. In the given grid, the empty cells in Column 2 must be filled using either ">" or "<". Three symbol stacks are provided, and each stack must be placed as given (without changing the order) into Column 2. Which two stacks, when placed in Column 2, result in the same number of correctly related integer pairs?

CL 1 CL 2 CL 3

-41		-56
-80		78
39		-214
-31		-19

GRID

<	<	>
>	>	<
<	>	>
<	>	>

Stack A Stack B Stack C

- a) Stacks A and B b) Stacks B and C c) Stacks A and C d) All stacks A, B and C

3. What will come in place of "?" in the given series?

-12, 2, -10, 4, -8, 6, -6, ?

- a) 7 b) 8 c) -4 d) 9

4. If C is a positive integer, which of these options will have the LARGEST value, where "+" means "-" and "-" means "+"?

- a) $C + 151 - 41$ b) $C - 80 + 357$ c) $C + 50 + 93$ d) $C + 200 - 68$

5. If each of the given terms follows the same theme, what will come in place of "?"

-2	+2

+3	-1

?

- a) +3 b) -2 c) -3 d) -3

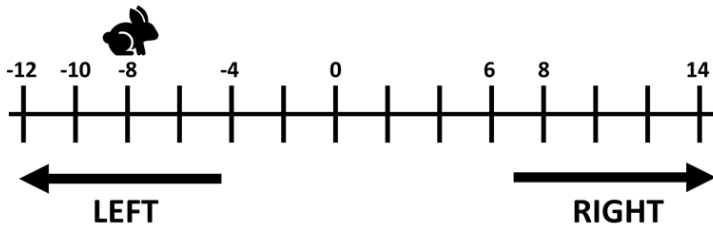
6. In a shop, every customer receives a scorecard that starts with 0 points. If an item costing more than ₹500 is purchased, the amount exceeding ₹500 is added to the scorecard as points. If an item costing less than ₹500 is purchased, the amount by which it is less than ₹500 is subtracted from the scorecard as points. The data regarding the first five purchases of a customer is shown in the table below. Using the table, find the sum of A, B, C, D, and E.

Purchase Price	Score Card
B	A
200	C
600	40
420	D
E	-25

- a) 1695 b) 1395 c) 1495 d) 1480
-
7. Alex has a magic box that changes a number based on these rules:
- If the input is greater than 400, subtract 100
 - If the input is less than 201, add 100
 - If the input is between 201 and 401, it becomes 0
- After this, the sign of the number is reversed (positive becomes negative and vice versa)
Which input will produce an output of -345?

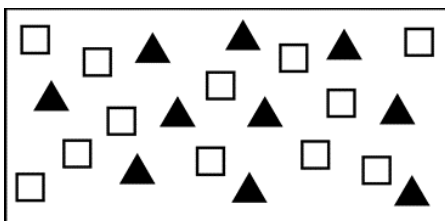
- a) 445 b) 245 c) -445 d) 545

8. A number line has equally spaced points with values following a pattern, where some values are hidden. A rabbit starts at -8 and jumps on the 9th point to the right. From its new position, it then jumps on the 7th point to the left. What is the sum of the values of all the points it lands on, including the starting point?



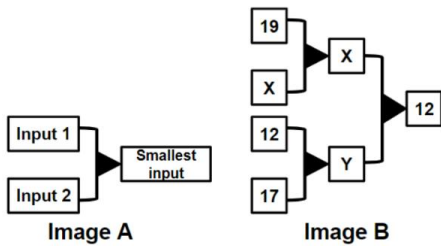
- a) 0 b) 2 c) -2 d) -4

9. In the box below, each square represents +10, and each triangle represents -15. How many more such squares or triangles should be added to the box, such that the sum of all the shapes of the box is 50?



- a) 3 triangles b) 1 triangle c) 8 squares d) 5 squares

10. Below is a logic machine that takes two numerical inputs and selects the smaller number to continue, as shown in Image A. Using this same logic, what could be the possible value of 'X' in Image B?



a) 24

b) 20

c) 14

d) 11



The Thinking Spot

All 26 letters of the English alphabet are arranged in a circle in the order A to Z, with Z next to A. Six groups of 4 consecutive letters are selected from this arrangement and each group is assigned a unique number from 1 to 6. The table below shows a letter and the number of the group it belongs to. Which option shows letters that could belong to the same group?

G	S	K	A	J	F	D	N	P
3	6	4	1	3	2	2	4	5

(a) A-B-C-D

(b) G-H-I-J

(c) L-M-N-O

(d) I-J-K-L

