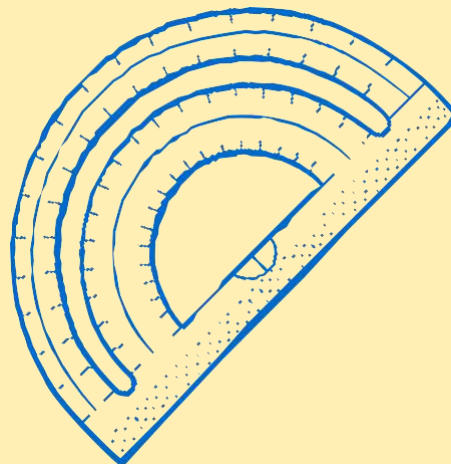
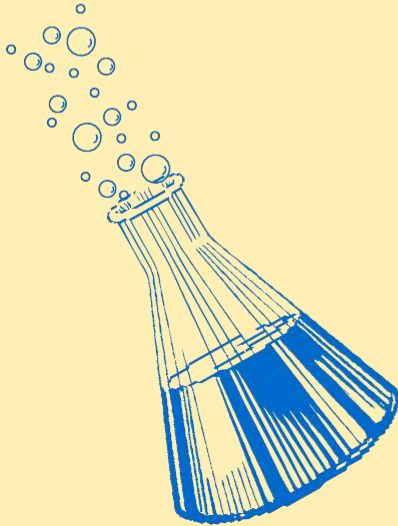
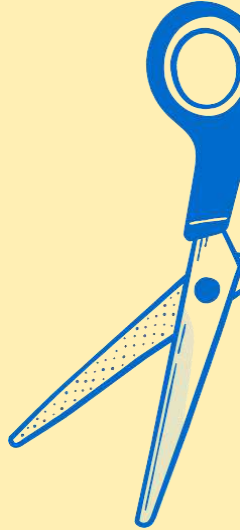
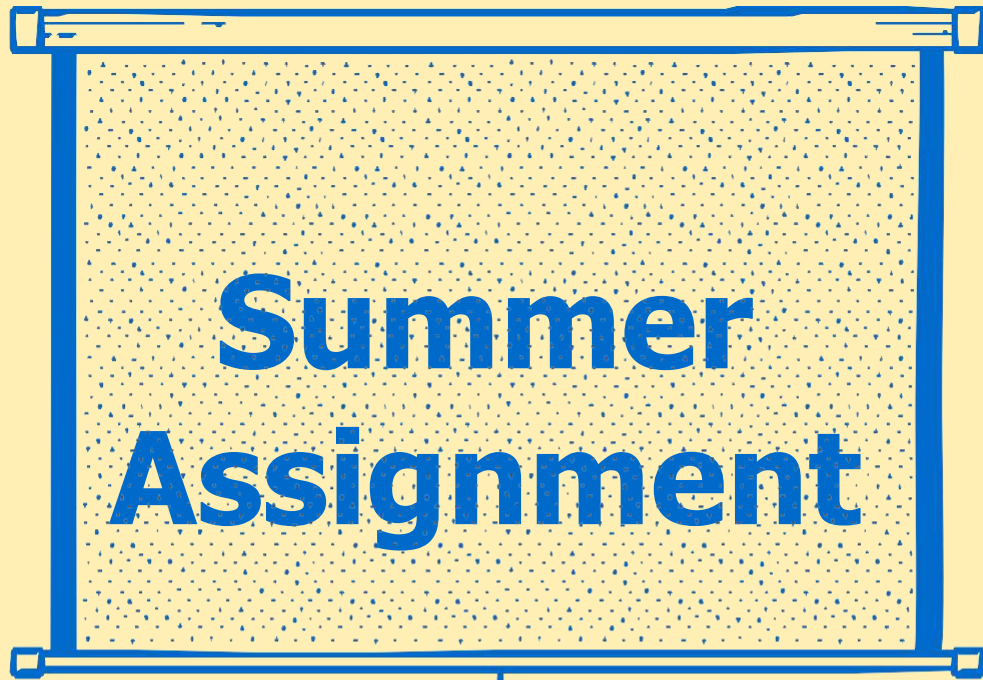




BGS International Public School Sector 5, Dwarka, New Delhi

Class IX
2024-25



Subject	Week
Social Science	First
Science	Second
English and Art	Third
Mathematics	Fourth
Hindi/ Sanskrit/ French	Fifth

NOTE: It's advisable for all the students to do Summer Internship.

Assignment of General Awareness has to be done on regular basis.



BGS INTERNATIONAL PUBLIC SCHOOL SECTOR 5, DWARKA NEW DELHI

SOCIAL SCIENCE SUMMER ASSIGNMENT

WEEK :FIRST

CLASS IX(2024-25)

05 Marks

1. **Every student** has to compulsorily undertake **any one project** on the following topics from disaster management:

Choose any man made or natural disaster which your country is vulnerable to.e.g.gas leaks, building collapse, rail or road accidents, terrorist attacks, earthquakes, cyclones ,floods ,drought etc. .and prepare a detailed project on it covering the following aspects in your project :

- Meaning of Disaster, Hazard, Difference bet Hazard and Disaster, Disaster Management and the various causes and mitigation measures of the disaster chosen by you.
- Your project should be supported by the map of the area affected by the disaster and relevant and suitable photographs and paper cuttings.
- Collect the data and prepare report on any one of the recent disaster that has taken place in your country (last 2 years).

Design a poster using A4 size sheet with an eye catching slogan to create awareness among people related to that disaster.

- Define the role of citizens, government, NGO during that disaster.
- Define the role of government agencies during disasters.
- Being a student of BGSIPS, what precautions should you take in making people aware of the disaster

The project must be based on the guidelines mentioned by CBSE. For the guidelines refer to the CBSE website.

2. Objective:

The main objectives of giving project work on Disaster Management to the students are to:

- a. create awareness in them about different disasters, their consequences and management
- b. prepare them in advance to face such situations
- c. ensure their participation in disaster mitigation plans
- d. enable them to create awareness and preparedness among the community.

If possible, ***different forms of art*** may be integrated in the project work. The file designing, the slogan writing are part of art integration.

FLOW OF THE PROJECT

- 1. ACKNOWLEDGEMENT**
- 2. CERTIFICATE**
- 3. INDEX**
- 4. CONTENT**
 - **Introduction of the topic**
 - **Various subtopics**
- 5. CONCLUSION**
- 6. POSTER**
- 7. BIBLIOGRAPHY**
- 8. TEACHER'S REMARKS**

ACKNOWLEDGEMENT

I wish to express my deep gratitude and sincere thanks to the Principal Ms. Punam Gupta for her support and encouragement.

This project would not have been successfully completed without proper and rigorous guidance of my Social Science teachers Ms. Sona Singh, Ms. Abha Kumar & Ms.Sakshi Virmani who guided me throughout this project in every possible way.



**BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR- 5, DWARKA, NEW DELHI -75
CERTIFICATE**

***This is to certify that of
Class IX (2024-25) Roll Number..... has
worked under my guidance on the
project.....
It is an original piece of work to the best of my knowledge.***

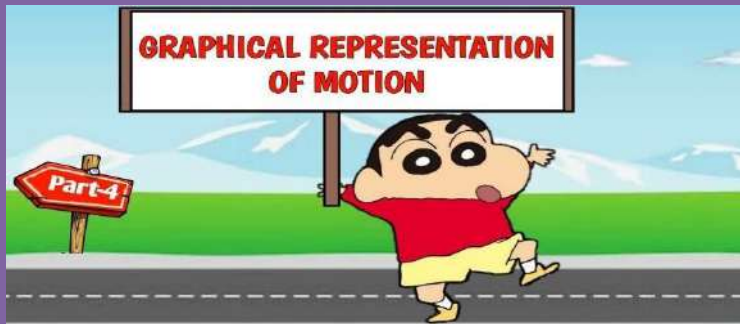
***Teacher - In -Charge
SOCIAL SCIENCE***



PHYSICS SUMMER ASSIGNMENT



1. Students will go from one corner of their living room to the opposite corner by different routes possible. They will measure the distance traveled with a measuring tape. Now students will measure the length of diagonal of the living room and note their observation. They can try same in other rooms also. Observations to be recorded in Physics notebook on a coloured sheet. Click your picture also while doing this activity and paste it.
- 2.



Represent Distance-time and velocity-time graphs on A4 size-coloured sheets.

You cannot Use pen or pencil to draw the graphs.

Use your creativity to display the graph with different materials (like cotton matchstick, Ice cream stick, Pulses etc or any other material you can think of).

Cover page should have name of the student, class and roll Number and topic.

2. Newton's law of motion are an inherent property of our everyday life. Starting from the beginning of the day, till the end, Newton's law finds their application in a number of activities we do.

Make a project report on coloured A4 size sheet, giving examples, showing applicability of these laws in everyday life situations. Think in reference to walking, playing, driving, etc, Also paste preferably real life relevant pictures of yours or surroundings.

Project report should have following:

Cover page having Name of the student, Class, section, roll no and topic.

Acknowledgement, Phenomena with explanation and pictures, Conclusion.



3. Working Model or Prototype on any one of the



following themes

(Roll numbers 1-12 of all sections)

- a) Environmental concerns
- b) Transport and Innovation
- c) Eco-friendly Materials
- d) Health and Technology

4. Write the following experiments in your Practical Physics File

- 1. Verification of the law of reflection of sound.
 - 2. Determination of the density of solid by using a spring balance and a measuring cylinder
 - 3. Establishing the relation between the loss in weight of a solid when fully immersed in
 - a) Tap water, b) strongly salty water.
- Determination of the speed of a pulse propagated through a stretched string/slinky.



Summer Assignment (Biology)

- 1. Make posters on the following topics.



- Save my Home/planet (Roll no.- 1-10)
- Say No to Plastic (Roll no.- 11-20)
- Do not pollute Ocean (Roll no.- 21-30)
- Go green (Roll no. 31-38)

Students to use A3 size sheet to make the poster. Do use poster colours.

2. Make a **power point presentation** on any one topic (as per your roll number) in the given format. **Send it to samikshyabgsix2020@gmail.com .**

- Organic farming. (Roll no.- 1-20)
- Agricultural practices in India. Problems and solutions. (Roll no.- 21-38)

Note: Cover page must have the Name of the topic, Name of the student, Class & Section, Roll number. Pg2. **Introduction**, Pg3 onwards. **Content with relevant pictures** (minimum **15 slides**), Last page. **Conclusion** }

3. **Make a working model.**

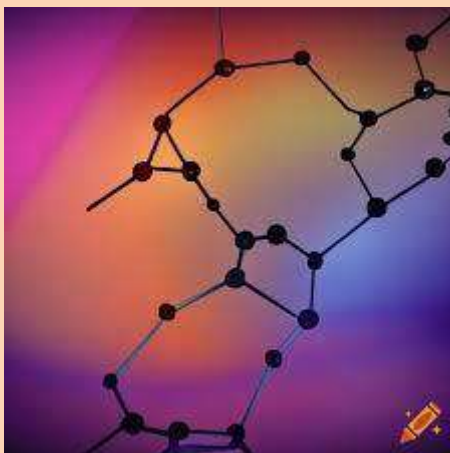
- Transportation of water through xylem in plants. (Roll no.- 26-29)
- Transportation of food through Phloem in plants. (Roll no. 30-33)
- Transmission of nerve impulse in a human body. (Roll no. 34-38)

4. Write the following experiments in your **Biology practical file. (Refer lab manual)**

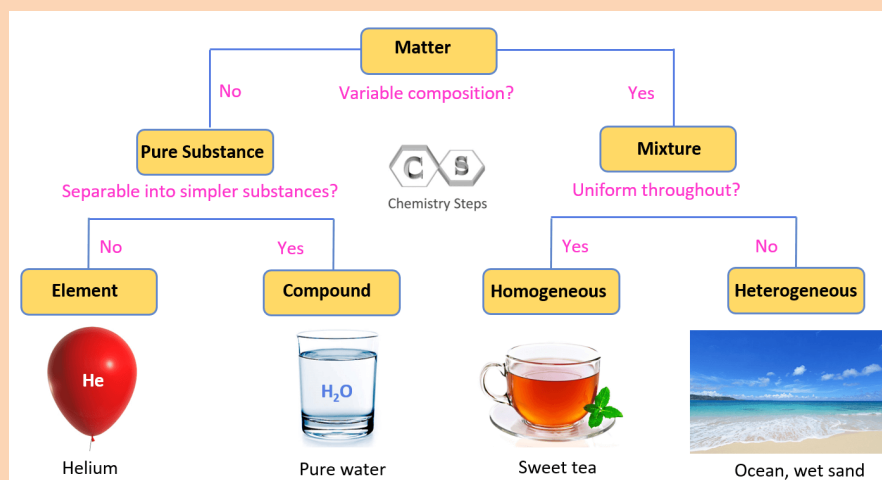
- i) Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells and to record observations and draw their labeled diagrams.
- ii) Identification of Parenchyma, Collenchyma and Sclerenchyma tissue in plants from prepared slides. Draw their labelled diagram.
- iii) Identification of Striped, Smooth and Cardiac muscle fibers and nerve cells in animals from prepared slides. Draw their labelled diagram.

(Note: write Aim of the experiment, Materials required, Procedure, Observations/Results, Precautions. All relevant diagrams are to be drawn with pencil only. Do not use coloured pencil or pen.)

CHEMISTRY



1. Collect various pictures of elements, mixtures, and compounds found in our daily. Make a poster with the pictures; label the elements, mixtures (heterogeneous and homogeneous) and compounds. The poster is to be made on A3 size paper.



**2. MODEL MAKING: (Preferably make a working model)
From Roll No. 13-25:**

Make a model on any one of the following themes:

- Agriculture
- Health

- **Transport and Communication**
- **Lifestyle for Environment.**

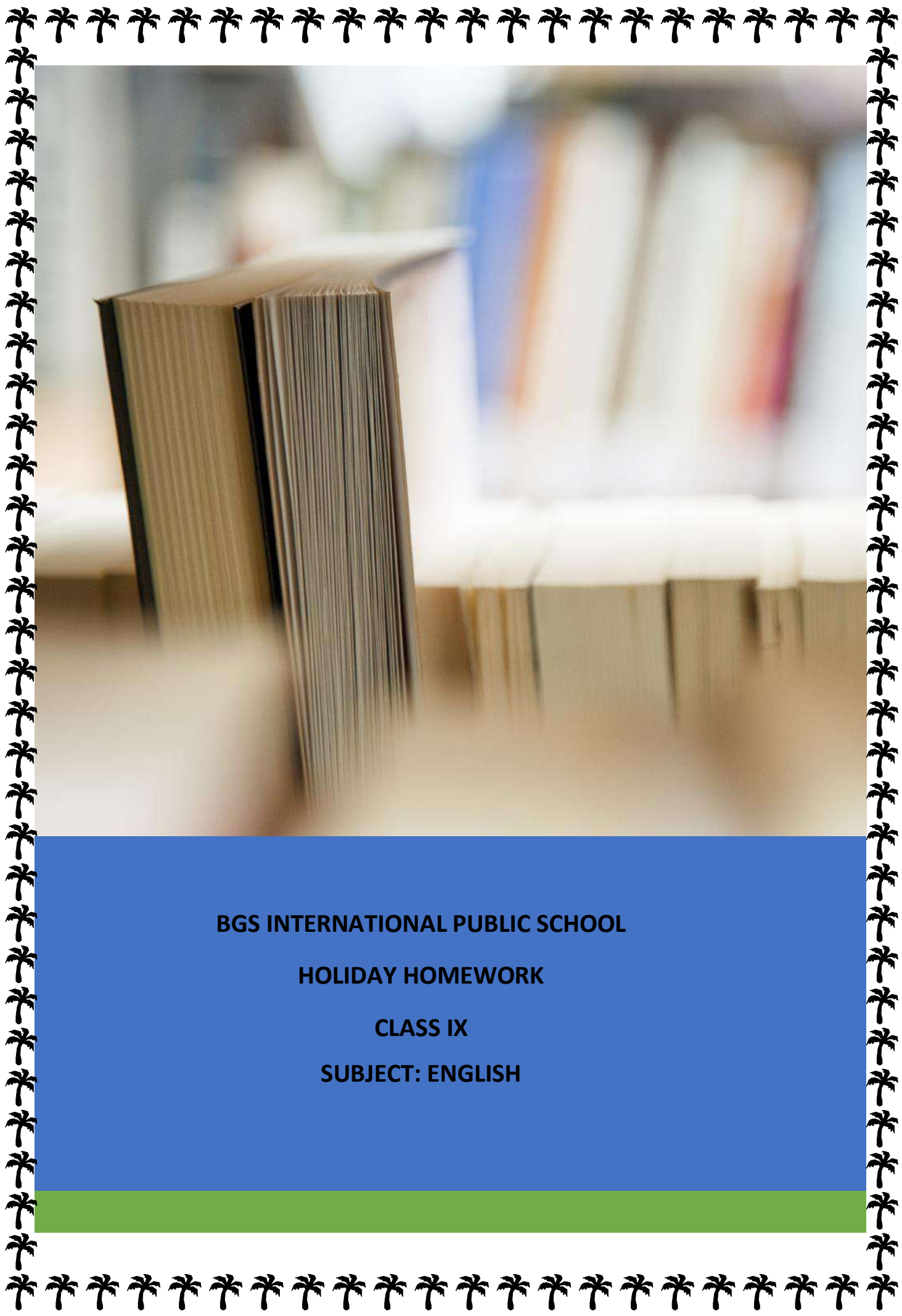
3. Study the first chapter thoroughly from NCERT Text Book and practice questions from NCERT Exemplar.

4. Write down the remaining practicals from the Lab Manual.

5. Make a Power Point presentation on any two subtopics from any one of the following chapters:

- **Matter In Our Surroundings**
- **Is Matter Around Us Pure**

(You will present it in class.)



BGS INTERNATIONAL PUBLIC SCHOOL

HOLIDAY HOMEWORK

CLASS IX

SUBJECT: ENGLISH



INSTRUCTION

1. There are three assignments allotted for English.
2. Students need to neatly complete each of them.
3. Material required for each assignment is mentioned under, "WHERE TO DO."
4. Holiday homework is part of subject enrichment. Creativity and your effort will be assessed.
5. Holidays are a perfect time to enhance your reading and speaking skills. Read books of your choice. Converse in English with your family and friends. Make use of the opportunity to the maximum.
6. Schedule your time for activities so that there is no piling up for the last moment.

ASSIGNMENT

IMAGINATION AND ORIGINALITY

1. Read any one of the following poems from the book 'Beehive'. Choose the stanza/line you like the most in the poem and depict it in a creative manner.

1. The Road Not Taken
2. Wind

Where to do: Use your imagination to convert the poem in an artistic representation on A3 or A4 sheets.

The presentation should be self-explanatory.

BEING INNOVATIVE WITH VALUES AND FEELINGS

2. Margie wrote, in her diary, about a real book that Tommy found in his attic. She found it very amusing and unusual. While enjoying your summer vacation, you, too, may come across something unusual. Write about any 5 eventful days that impressed you deeply or brought a smile on your face.

Where to do: A small handmade diary with colourful pages which should be properly decorated.

WRITE YOUR WAY

3. Write a descriptive paragraph (80-100 words) describing any one of the following famous places and any one of the famous personalities.

Person	Place
Bismillah Khan	Jaipur
A.P.J Abdul Kalam	Jim Corbett National Park

Where to do- English Notebook



ART
Assignment

CLASS IX



BEST OUT OF WASTE - SECTION A & B

Best out of waste simply means to make something innovative and attractive out of the waste materials . Creating something new from the old , recycling and upcycling things.

ASSIGNMENT

Students must make any one sea animal like fish , octopus , sea horse , starfish , crab etc. out of waste material like coconut shells, old newspaper, used bottles, pencil shavings etc.



DOT MANDALA - SECTION C & D

Mandala in Sanskrit means circle . They are a reflection of the self and the universe . Mandalas guide you in centering and can also serve as a meditation too

ASSIGNMENT

Students have to make a beautiful dot mandala design with the help of acrylic colours on any surface like stone , MDF board , canvas etc. They can make coasters , keychains also



DOODLE ART - SECTION A,B,C,D

Doodle art , a form of expression that is both simple and profound holds a special place in the realm of artistic creativity . It consists of spontaneous drawings that can range from abstract patterns, figures and shapes

ASSIGNMENT

Students have to make a beautiful doodle art on any one word of their choice on an A4 size sheet . The orientation for the same should be landscape and any colour medium could be used

Maths Summer Assignment (2024-25)

Class IX

INSTRUCTIONS

1. DO THE ACTIVITY ON A-4 SIZE COLOURED SHEET ONE SIDE BLANK & OTHER SIDE RULED.
2. REPRESENT $\sqrt{2}$ & $\sqrt{3}$ ON BLANK SIDE & WRITE STEPS ON RULED SIDE (HEADING...ACTIVITY 1)
3. REPRESENT $\sqrt{8.5}$ ON NUMBER LINE & WRITE STEPS (SAME AS $\sqrt{9.3}$) (HEADING...ACTIVITY 2)
4. SOLVE ATTACHED ASSIGNMENT IN YOUR ASSIGNMENT REGISTER.

Steps

- 1) Draw a number line.
- 2) Mark a point O and mark point A at a distance of 1 unit.
- 3) From point A using protractor, ^{mark 90° angle &} draw a line measuring 1 unit. Name the point as B .
- 4) Join OB & $OB = \sqrt{2}$. By Pythagoras Th.
- 5) Using compass with centre O and (open it of length OB) radius equal to $OB = \sqrt{2}$ draw an arc intersecting the no. line at point P .
- 6) Point P represents $\sqrt{2}$.
- $\sqrt{3} \rightarrow$ 7) Now from point B draw a line equal to 1 unit (perpendicular line). Name the point as C .
- 8) Join OC & $OC = \sqrt{3}$.
- 9) Using compass with centre O & radius equal to $OC = \sqrt{3}$ draw an arc intersecting the no. line at point Q .
- 10) Point Q represents $\sqrt{3}$.

Multiple Choice Questions

Choose the correct answer from the given four options (3 to 44):

3. The smallest natural number is
(a) -1 (b) 0 (c) 1 (d) 2
4. The smallest whole number is
(a) -1 (b) 0 (c) 1 (d) 2
5. Choose the wrong statement:
(a) There is no largest natural number.
(b) There is no largest integer. (c) There is no smallest integer.
(d) The collection of rational numbers has largest as well as smallest.
6. Choose the wrong statement:
(a) Every natural number is a whole number.
(b) Every integer is a rational number.
(c) Every rational number is an integer.
(d) Every rational number is a real number.
7. Every rational number is
(a) a natural number (b) an integer
(c) a real number (d) a whole number
8. Between two rational numbers
(a) there is no rational number
(b) there is exactly one rational number
(c) there are infinitely many rational numbers
(d) there are only rational numbers and no irrational numbers.
9. Decimal representation of a rational number cannot be
(a) terminating (b) non-terminating
(c) non-terminating repeating (d) non-terminating non-repeating

10. The product of any two irrational numbers is
 (a) always an irrational number (b) always a rational number
 (c) always an integer
 (d) sometimes rational, sometimes irrational
11. The decimal expansion of the number $\sqrt{2}$ is
 (a) a finite decimal (b) 1.41421
 (c) non-terminating recurring (d) non-terminating non-recurring
12. Which of the following is an irrational number?
 (a) $\sqrt{\frac{4}{9}}$ (b) $\frac{\sqrt{12}}{\sqrt{3}}$ (c) $\sqrt{7}$ (d) $\sqrt{81}$
13. Which of the following is not a rational number?
 (a) $\sqrt{2}$ (b) $\sqrt{4}$ (c) $\sqrt{9}$ (d) $\sqrt{25}$
14. Which of the following is an irrational number?
 (a) $\sqrt{\frac{9}{25}}$ (b) $\sqrt{\frac{2}{8}}$ (c) $\sqrt{\frac{4}{27}}$ (d) $\sqrt{\frac{9}{49}}$
15. Which of the following is different from others?
 (a) $\sqrt{7}$ (b) $\sqrt{8}$ (c) $\sqrt{9}$ (d) $\sqrt{10}$
16. A rational number between $\frac{1}{2}$ and $\frac{1}{3}$ is
 (a) $\frac{1}{5}$ (b) $\frac{2}{5}$ (c) $\frac{3}{5}$ (d) $\frac{4}{5}$
17. The number of rational numbers between the rational numbers $\frac{1}{3}$ and $\frac{1}{2}$ is
 (a) 1 (b) 2 (c) 6 (d) infinitely many.
18. Choose the rational number which does not lie between the rational numbers $-\frac{2}{5}$ and $-\frac{1}{5}$.
 (a) $-\frac{3}{10}$ (b) $\frac{3}{10}$ (c) $-\frac{1}{4}$ (d) $-\frac{7}{20}$
19. Which of the following numbers has terminating decimal representation?
 (a) $\frac{3}{7}$ (b) $\frac{3}{5}$ (c) $\frac{1}{3}$ (d) $\frac{3}{11}$
20. Which of the following is an irrational number?
 (a) 0.14 (b) $0.14\overline{16}$ (c) $0.\overline{1416}$ (d) 0.4014001400014...
21. Which of the following is an irrational number?
 (a) 3.758 (b) 3.1010010001...
 (c) $3.\overline{23789}$ (d) 37.56489125648912...
22. Choose a rational number which does not lie between $\frac{2}{5}$ and $\frac{3}{4}$.
 (a) $\frac{17}{20}$ (b) $\frac{13}{20}$ (c) $\frac{11}{20}$ (d) $\frac{9}{20}$
23. An irrational number between 2 and 3 is
 (a) $\sqrt{2}$ (b) $\sqrt{3}$ (c) $\sqrt{6}$ (d) $\sqrt{12}$
24. A rational number between $\sqrt{2}$ and $\sqrt{3}$ is
 (a) $\frac{\sqrt{2} + \sqrt{3}}{2}$ (b) $\frac{\sqrt{2} \times \sqrt{3}}{2}$ (c) 1.5 (d) 1.8

25. The value of 1.999 in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$, is
- (a) $\frac{19}{20}$ (b) $\frac{1999}{1000}$ (c) 2 (d) $\frac{1}{9}$
26. The number $0.\overline{25}$ is equal to
- (a) $\frac{65}{99}$ (b) $\frac{37}{99}$ (c) $\frac{5}{9}$ (d) $\frac{25}{99}$
27. The number $0.\overline{27}$ is equal to
- (a) $\frac{2}{11}$ (b) $\frac{3}{11}$ (c) $\frac{4}{11}$ (d) $\frac{5}{11}$
28. $\sqrt{10} \times \sqrt{15}$ is equal to
- (a) $6\sqrt{5}$ (b) $5\sqrt{6}$ (c) $\sqrt{25}$ (d) $10\sqrt{5}$
29. $2\sqrt{3} + \sqrt{3}$ is equal to
- (a) $2\sqrt{6}$ (b) 6 (c) $3\sqrt{3}$ (d) $4\sqrt{6}$
30. The value of $\sqrt{8} + \sqrt{18}$ is
- (a) $\sqrt{26}$ (b) $2(\sqrt{2} + \sqrt{3})$ (c) $5\sqrt{2}$ (d) $6\sqrt{2}$
31. The number $(2 - \sqrt{3})^2$ is
- (a) a natural number (b) an integer
(c) a rational number (d) an irrational number
32. The rationalising factor of $\frac{1}{5 + 2\sqrt{6}}$ is
- (a) $\sqrt{5} + 2\sqrt{6}$ (b) $-\sqrt{5} + 2\sqrt{6}$ (c) $5 - 2\sqrt{6}$ (d) $-5 - 2\sqrt{6}$
33. The value of $\frac{\sqrt{32} + \sqrt{48}}{\sqrt{8} + \sqrt{12}}$ is equal to
- (a) $\sqrt{2}$ (b) 2 (c) 4 (d) 8
34. The number obtained on rationalising the denominator of $\frac{1}{\sqrt{7} - 2}$ is
- (a) $\frac{\sqrt{7} + 2}{3}$ (b) $\frac{\sqrt{7} - 2}{3}$ (c) $\frac{\sqrt{7} + 2}{5}$ (d) $\frac{\sqrt{7} + 2}{45}$
35. $\frac{1}{\sqrt{9} - \sqrt{8}}$ is equal to
- (a) $\frac{1}{2} (3 - 2\sqrt{2})$ (b) $\frac{1}{3 + 2\sqrt{2}}$ (c) $3 - 2\sqrt{2}$ (d) $3 + 2\sqrt{2}$
36. After rationalising the denominator of $\frac{7}{3\sqrt{3} - 2\sqrt{2}}$, we get the denominator as
- (a) 13 (b) 19 (c) 5 (d) 35
37. If $x = \frac{1}{3 + 2\sqrt{2}}$, then the value of $x - \frac{1}{x}$ is
- (a) 6 (b) -6 (c) $4\sqrt{2}$ (d) $-4\sqrt{2}$
38. If $\sqrt{2} = 1.4142$, then $\sqrt{\frac{\sqrt{2} - 1}{\sqrt{2} + 1}}$ is equal to
- (a) 2.4142 (b) 5.8284 (c) 0.4142 (d) 0.1718

39. $\sqrt[4]{\sqrt[3]{2^2}}$ is equal to

(a) $2^{-\frac{1}{6}}$

(b) 2^{-6}

(c) $2^{\frac{1}{6}}$

(d) 2^6

40. The product $\sqrt[3]{2} \cdot \sqrt[4]{2} \cdot \sqrt[12]{32}$ equals

(a) $\sqrt{2}$

(b) 2

(c) $\sqrt[12]{2}$

(d) $\sqrt[12]{32}$

41. The value of $\sqrt[4]{(81)^{-2}}$ is

(a) $\frac{1}{9}$

(b) $\frac{1}{3}$

(c) 9

(d) $\frac{1}{81}$

42. The value of $\left(5\frac{1}{16}\right)^{-\frac{3}{4}}$ is

(a) $\frac{4}{9}$

(b) $\frac{9}{4}$

(c) $\frac{27}{8}$

(d) $\frac{8}{27}$

43. Value of $(256)^{0.16} \times (256)^{0.09}$ is

(a) 4

(b) 16

(c) 64

(d) 256.25

44. Which of the following is equal to x ?

(a) $x^{\frac{12}{7}} - x^{\frac{5}{7}}$

(b) $\sqrt[12]{(x^4)^{\frac{1}{3}}}$

(c) $(\sqrt{x^3})^{\frac{2}{3}}$

(d) $x^{\frac{12}{7}} \times x^{\frac{7}{12}}$

Multiple Choice Questions

Choose the correct answer from the given four options (3 to 13) :

3. An isosceles right triangle has area 8 cm^2 . The length of its hypotenuse is
(a) $\sqrt{32} \text{ cm}$ (b) $\sqrt{16} \text{ cm}$ (c) $\sqrt{48} \text{ cm}$ (d) $\sqrt{24} \text{ cm}$
4. If the perimeter of an equilateral triangle is 60 m, then the area is
(a) $10\sqrt{3} \text{ m}^2$ (b) $15\sqrt{3} \text{ m}^2$ (c) $20\sqrt{3} \text{ m}^2$ (d) $100\sqrt{3} \text{ m}^2$
5. The length of each side of an equilateral triangle having area of $9\sqrt{3} \text{ cm}^2$ is
(a) 8 cm (b) 36 cm (c) 4 cm (d) 6 cm
6. If the area of equilateral triangle is $16\sqrt{3} \text{ cm}^2$, then the perimeter of the triangle is
(a) 48 cm (b) 24 cm (c) 12 cm (d) 36 cm
7. If the sides of a parallelogram are 9 cm and 4 cm, then the ratio of their corresponding altitudes is
(a) 2 : 3 (b) 3 : 2 (c) 9 : 4 (d) 4 : 9
8. If the perimeter of a rhombus is 80 cm and one of its diagonals is 24 cm, then the length of the other diagonal is
(a) 16 cm (b) 20 cm (c) 32 cm (d) 48 cm
9. If the sides of a triangle are 56 cm, 60 cm and 52 cm long, then the area of the triangle is
(a) 1322 cm^2 (b) 1311 cm^2 (c) 1344 cm^2 (d) 1392 cm^2
10. The area of an isosceles triangle having base 2 cm and length of one of equal sides 4 cm is
(a) $\sqrt{15} \text{ cm}^2$ (b) $\frac{\sqrt{15}}{2} \text{ cm}^2$ (c) $2\sqrt{15} \text{ cm}^2$ (d) $4\sqrt{15} \text{ cm}^2$
11. The edges of a triangular board are 6 cm, 8 cm and 10 cm. The cost of painting it at the rate of 9 paise per cm^2 is
(a) ₹ 2.00 (b) ₹ 2.16 (c) ₹ 2.48 (d) ₹ 3.00
12. Two adjacent sides of a parallelogram are 9 cm and 8 cm. If one of its diagonal is 13 cm, then its area is
(a) $24\sqrt{35} \text{ cm}^2$ (b) $12\sqrt{35} \text{ cm}^2$ (c) $6\sqrt{35} \text{ cm}^2$ (d) 150 cm^2
13. The sides of a triangle are 35 cm, 54 cm and 61 cm. The length of its longest altitude is
(a) $16\sqrt{5} \text{ cm}$ (b) $10\sqrt{5} \text{ cm}$ (c) $24\sqrt{5} \text{ cm}$ (d) 28 cm

Very Short Answer Questions

1. State whether the following statements are true or false. If a statement is false, write the corresponding correct statement.
 - (i) The coordinates of any point on the x -axis is of the form $(0, k)$ where k is a real number.
 - (ii) The coordinates of any point on the y -axis is of the form $(b, 0)$ where b is a real number.
 - (iii) A point lies in the IInd quadrant if its abscissa is positive and ordinate is negative.
2. If $(a, b) = (0, -2)$, then find the values of a and b .
3. Write the coordinates of the point whose ordinate is $-\frac{3}{2}$ and abscissa is 5.
4. Write the coordinates of the point whose ordinate is -3 and which lies on y -axis.
5. Write the coordinates of the point which lies on x -axis and is at a distance of 4 units in the negative direction of x -axis.
6. Write the coordinates of any two points lying on the negative direction of x -axis.
7. Write the ordinates of the following points:
 $(3, 4), (4, 0), (0, 4), (5, -3)$
8. In which quadrant does the point $(-2, 3)$ lie?
9. Write the coordinates of the points which lie on the x -axis and are at a distance of 3 units from the y -axis.
10. Find the reflection of the point $(-3, -2)$ in the y -axis.

Objective Questions

1. Fill in the blanks :

- (i) The point of intersection of the coordinate axes is called the
- (ii) The coordinate axes divide the plane into four parts which are called
- (iii) The coordinates of the origin are
- (iv) If the coordinates of a point are $(-3, 7)$, then its ordinate is and its abscissa is
- (v) The point $(3, -2)$ lies in the quadrant.
- (vi) The abscissa of any point on the y -axis is
- (vii) The ordinate of any point on the x -axis is
- (viii) The (directed) distance of a point from the y -axis is called its
- (ix) The (directed) distance of a point from the x -axis is called its
- (x) If the ordinate of a point is 3 and abscissa is -5 , then its coordinates are
- (xi) The points with coordinates $(5, -2)$ and $(-2, 5)$ are at positions of the coordinate plane.

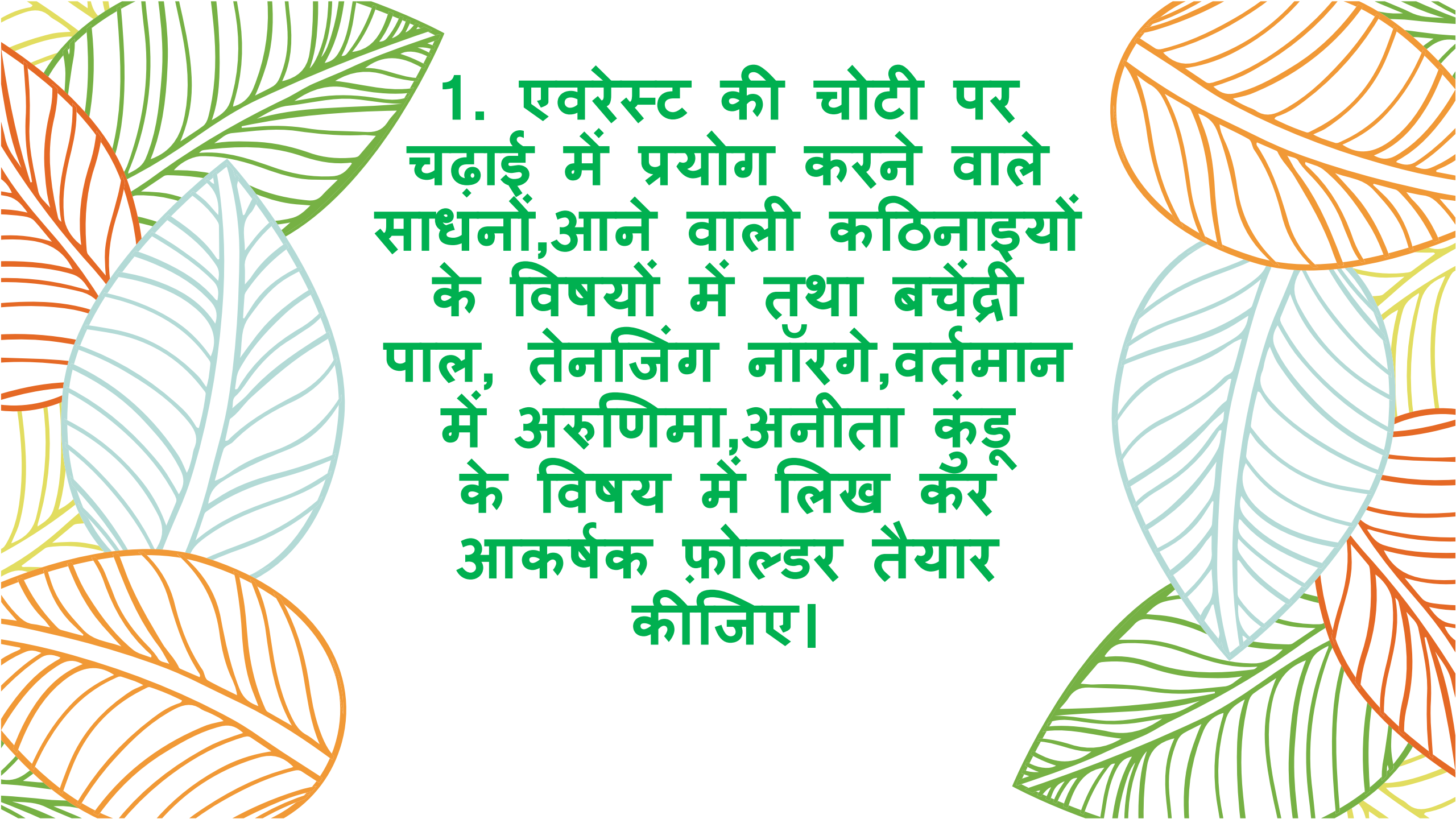
Multiple Choice Questions

Choose the correct answer from the given four options (3 to 19):

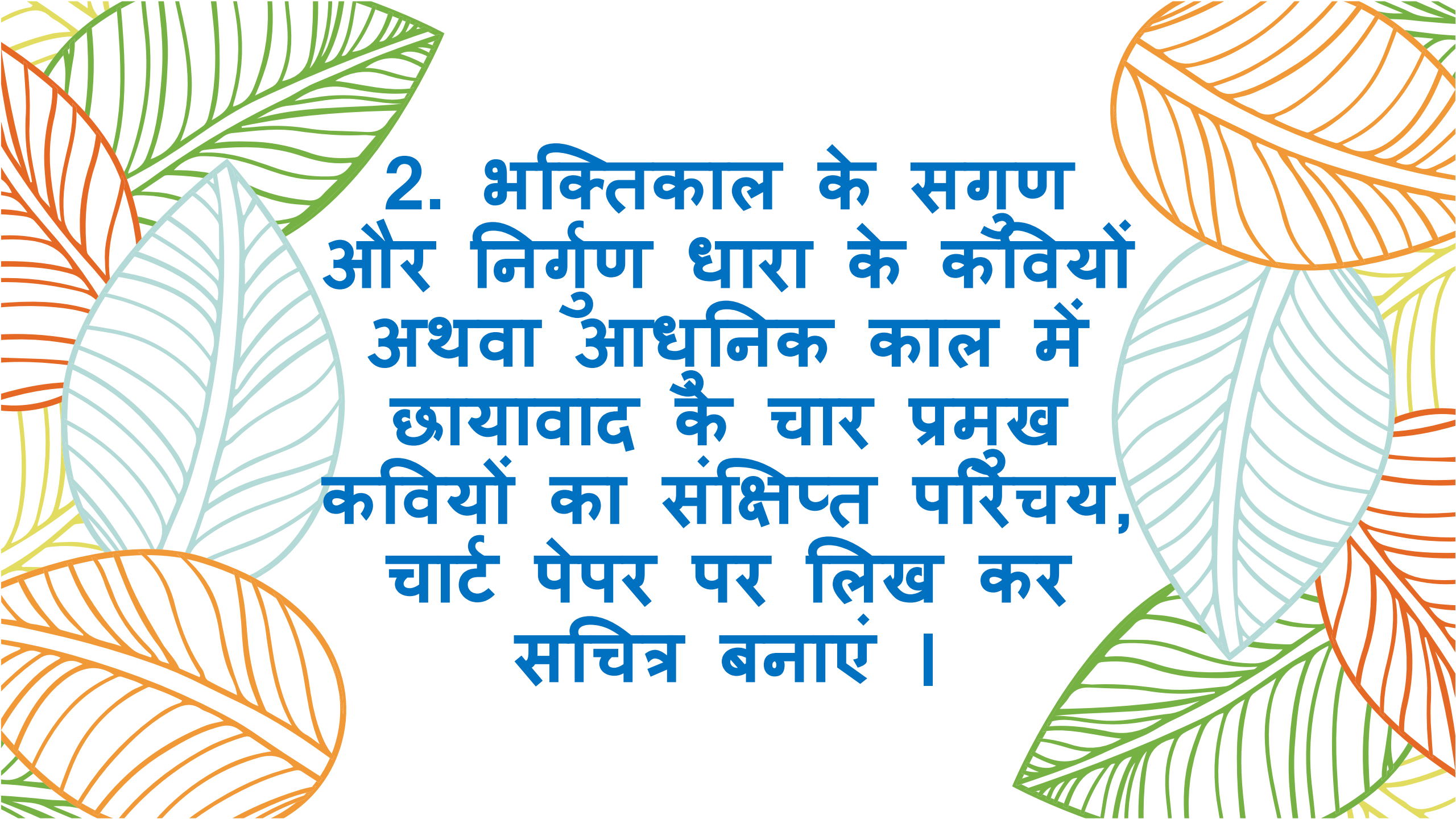
3. Point $(-3, 5)$ lies in the
(a) first quadrant (b) second quadrant (c) third quadrant (d) fourth quadrant
4. Point $(0, -7)$ lies
(a) on the x -axis (b) in the second quadrant
(c) on the y -axis (d) in the fourth quadrant
5. Point $(-10, 0)$ lies
(a) on the negative direction of x -axis (b) in the third quadrant
(c) on the negative direction of y -axis (d) in the fourth quadrant
6. Signs of abscissa and ordinate of a point in the second quadrant are respectively
(a) $+, +$ (b) $-, -$ (c) $-, +$ (d) $+, -$
7. Abscissa of a point is positive in
(a) I and II quadrants (b) I and IV quadrants
(c) I quadrant only (d) II quadrant only
8. Which of the following points lies in the IVth quadrant?
(a) $(-2, 0)$ (b) $(-3, 2)$ (c) $(4, -7)$ (d) $(-3, -5)$
9. Which of the following points lies on the y -axis?
(a) $(0, -7)$ (b) $(-7, 0)$ (c) $(2.7, 0)$ (d) $(-1, 3)$
10. The point which lies on y -axis at a distance of 5 units in the negative direction of y -axis is
(a) $(0, 5)$ (b) $(5, 0)$ (c) $(0, -5)$ (d) $(-5, 0)$
11. If the perpendicular distance of a point P from the x -axis is 5 units and the foot of perpendicular lies on the negative direction of x -axis, then the point P has
(a) x -coordinate = -5 (b) y -coordinate = 5 only
(c) y -coordinate = -5 only (d) y -coordinate = 5 or -5
12. The points whose abscissa and ordinate have different signs will lie in
(a) I and II quadrants (b) II and III quadrants
(c) I and III quadrants (d) II and IV quadrants
13. The points $(-5, 2)$ and $(2, -5)$ lie in
(a) same quadrant (b) II and III quadrants respectively
(c) II and IV quadrants respectively (d) IV and II quadrants respectively
14. Points $(1, -1)$, $(2, -2)$, $(4, -5)$, $(-3, -4)$
(a) lie in IInd quadrant (b) lie in III quadrant
(c) lie in IV quadrant (d) do not lie in the same quadrant
15. If the coordinates of the points are $P(-2, 3)$ and $Q(-3, 5)$, then (abscissa of P) $-$ (abscissa of Q) is
(a) -5 (b) 1 (c) -1 (d) -2
16. If $P(-1, 1)$, $Q(3, -4)$, $R(1, -1)$, $S(-2, -3)$ and $T(-4, 4)$ are plotted on the graph paper, then point(s) in the fourth quadrant are
(a) P and T (b) Q and R (c) S only (d) P and R



**हिंदी
कक्षा-नौवीं
ग्रीष्मावकाश कार्य**




1. एवरेस्ट की चोटी पर चढ़ाई में प्रयोग करने वाले साधनों, आने वाली कठिनाइयों के विषयों में तथा बचेंद्री पाल, तेनजिंग नॉर्गे, वर्तमान में अरुणिमा, अनीता कुंडू के विषय में लिख कर आकर्षक फ़ोल्डर तैयार कीजिए।



2. भक्तिकाल के सगुण
और निर्गुण धारा के कवियों
अथवा आधुनिक काल में
छायावाद के चार प्रमुख
कवियों का संक्षिप्त परिचय,
चार्ट पेपर पर लिख कर
सचित्र बनाएं ।

ग्रीष्म-अवकाशीय-कार्याणि

कक्षा - नवमी

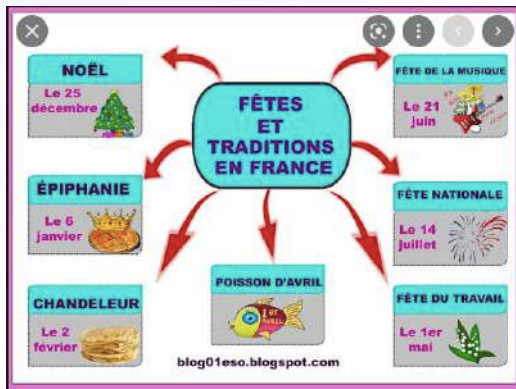
प्रथम सप्ताहे		<p>भवन्ति नम्रास्तरवः फलोद्गमैः नवाम्बुधिर्भूरिविलम्बिनो घनाः । अनुद्धताः सत्पुरुषाः समृद्धिभिः स्वभाव एवैष परोपकारिणाम् ॥ श्लोक लिख कर अर्थ के आधार पर एक काल्पनिक चित्र बनाइए। चार्ट पेपर</p>																
द्वितीय सप्ताहे		<p>'वेदों में विज्ञान' विषय पर निवेश सूचिका (पोर्टफोलियो) तैयार कीजिए। मंत्र के आधार पर कोई दिखाने योग्य model तैयार कर सकते हैं।</p>																
तृतीय सप्ताहे चतुर्थ सप्ताहे		<p>गुजरात प्रदेश के किसी भी प्रसिद्ध स्थल का एक आकर्षक चित्र बनाइए। अथवा गुजरात में जन्मे किसी महापुरुष द्वारा किए गए कार्य को एक आकर्षक MODEL के रूप में प्रदर्शित कीजिए।</p>																
पंचम सप्ताहे	<table border="1" data-bbox="395 1070 823 1283"> <thead> <tr> <th>विभक्ति</th> <th>एकवचन</th> <th>द्विवचन</th> <th>बहुवचन</th> </tr> </thead> <tbody> <tr> <td>प्रथमा</td> <td>हरिः</td> <td>हरी</td> <td>हरयः</td> </tr> <tr> <td>द्वितीया</td> <td>हरिं</td> <td>हरी</td> <td>हरीन्</td> </tr> <tr> <td>तृतीया</td> <td>हरिणा</td> <td>हरिभ्याम्</td> <td>हरिभिः</td> </tr> </tbody> </table>	विभक्ति	एकवचन	द्विवचन	बहुवचन	प्रथमा	हरिः	हरी	हरयः	द्वितीया	हरिं	हरी	हरीन्	तृतीया	हरिणा	हरिभ्याम्	हरिभिः	<p>सम्बोधन सहित सभी विभक्तियों में निम्न शब्दों (हरि,साधु, नदी, अस्मत)के रूप नोटबुक में लिखिए तथा याद कीजिए।</p>
विभक्ति	एकवचन	द्विवचन	बहुवचन															
प्रथमा	हरिः	हरी	हरयः															
द्वितीया	हरिं	हरी	हरीन्															
तृतीया	हरिणा	हरिभ्याम्	हरिभिः															

नोट - इस कार्य हेतु आवधिक परीक्षा-1 में कला कौशल तथा लेखन कौशल के रूप में 10 अंक मिलेंगे।

Q1. Apprendre et écrire les verbes. (50 verbs - 20 réguliers & 30 irréguliers)- To be done in your register.



Q2. Prépare un graphique sur LES FÊTES DE LA FRANCE. (3d, A4 size or hanging)



Q3. Prépare une bande dessinée dans votre cahier:



Q4. Écris les verbes nominale et le participe passé dans votre cahier. (30 verbs)

Q5. Écris les légumes et les fruits. (10 each)

Q6. Faites des feuille de travail :



BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR-5, DWARKA
LE DEVOIR DE VACANCES
FRANÇAIS (IX)

1. Complétez avec les articles indéfinis (un / une / des) :

1. C'est _____ arbre.
2. Ce sont _____ livres.
3. Voici _____ carte de France contre le mur.
4. Il y a _____ craies sur le bureau.
5. C'est _____ nouveau professeur de français.

2. Complétez avec les articles définis (le / la / l' / les) :

1. J'adore _____ fleurs.
2. _____ métro de Paris est très ancien.
3. Sur _____ bureau, il y a un livre.
4. Les enfants détestent _____ légumes.
5. C'est _____ cahier de Paul.

3. Complétez avec l'article défini ou indéfini : (le / la / l' / les / un / une / des) :

1. C'est _____ voiture. C'est _____ voiture de Pierre.
2. _____ musée du Louvre est _____ musée magnifique.
3. Regarde _____ jeune homme assis juste derrière nous. C'est _____ acteur célèbre.
4. Ce sont _____ clés. Ce sont _____ clés de Mme martin.
5. Je cherche _____ livre pour mon ami. - Tiens, voilà _____ livre que tu cherches.

4. Conjuguez ces verbes ci-dessous au présent :

1. Les étudiants _____ (entrer) dans la classe à 7h.
2. Nous _____ (manger) de la salade verte régulièrement.
3. Anne _____ (ne pas acheter) de cadeaux.
4. _____ (parler)-vous français ?
5. Je _____ (ouvrir) la fenêtre.

5. Écrivez les nombres de téléphone en lettres :

1. 05. 71. 98. 33. 40 _____
2. 19. 54. 25. 07. 80 _____
3. 61. 38. 14. 46. 59 _____
4. 03. 20. 77. 62. 95 _____
5. 16. 09. 36. 93. 27 _____

6. Trouvez la question :

1. Elle s'appelle Lucie. _____
2. Son oncle est allemand. _____
3. Les Leroy habitent à Lyon. _____
4. Ma sœur est institutrice. _____
5. Ça va bien, merci. _____

6. J'ai 15 ans. _____
7. Nous allons en Suisse. _____
8. Mon père travaille à l'Ambassade de France.

9. Ce sont des professeurs. _____
10. C'est un arbre. _____

7. Lisez bien ce texte ci-dessous et répondez aux questions suivantes :

Le Pianiste

Je m'appelle Linda. Je suis pianiste. J'ai commencé à étudier le piano quand j'avais trois ans. Maintenant j'ai dix ans. Je joue du piano à l'orchestre junior à l'université. Nous donnons un concert deux fois par an. Je pratique toujours la nouvelle musique pour le concert prochain. Pendant l'année scolaire, je prends quatre leçons de piano à l'université. En été, je prends deux leçons chaque semaine. Je pratique jouer du piano environ dix heures chaque semaine. Je pratique très dur parce que je veux apprendre tout au sujet de jouer le piano.

Le piano est un instrument très intéressant à jouer. J'aime lire les notes, déplaçant mes doigts sur les clefs entendant la bonne musique.

A. Dites « vrai » ou « faux » :

- a. Linda prend quatre leçons de piano en été.
- b. Elle joue du piano depuis sept ans.
- c. Elle veut devenir le pianiste après les études.
- d. Elle prend la leçon de piano à l'université.
- e. Elle joue du piano environ dix heures par jours.

B. Complétez avec un mot du texte :

- a. Il y a un très bon _____ au stade.
- b. Je vais _____ la langue française.
- c. Il faut travailler _____ surtout avant l'examen.
- d. Jouer du piano, c'est _____.
- e. Nous allons en Inde une _____ par an.

C. Trouvez du texte :

i) le contraire de :

- a. donne
- b. jamais
- c. ennuyeux
- d. déteste
- e. rien
- f. mauvaise
- g. terminé
- h. autrefois

ii) La forme infinitive de :

- a. m'appelle
- b. est

- c. ai
- d. veux
- e. prends
- f. donnons

iii) Trouvez deux prépositions du texte.

8. Complétez avec les adjectifs possessifs:

1. Il adore ____ femme et ____ enfants.
2. Je fais du badminton avec ____ cousin et ____ amis tous les samedis.
3. Ils téléphonent à ____ parents quelquefois.
4. Paul aime ____ bureau et ____ collègues.
5. Nous avons organisé une soirée à ____ maison le mois dernier.

9. Conjuguez les verbes entre parenthèses:

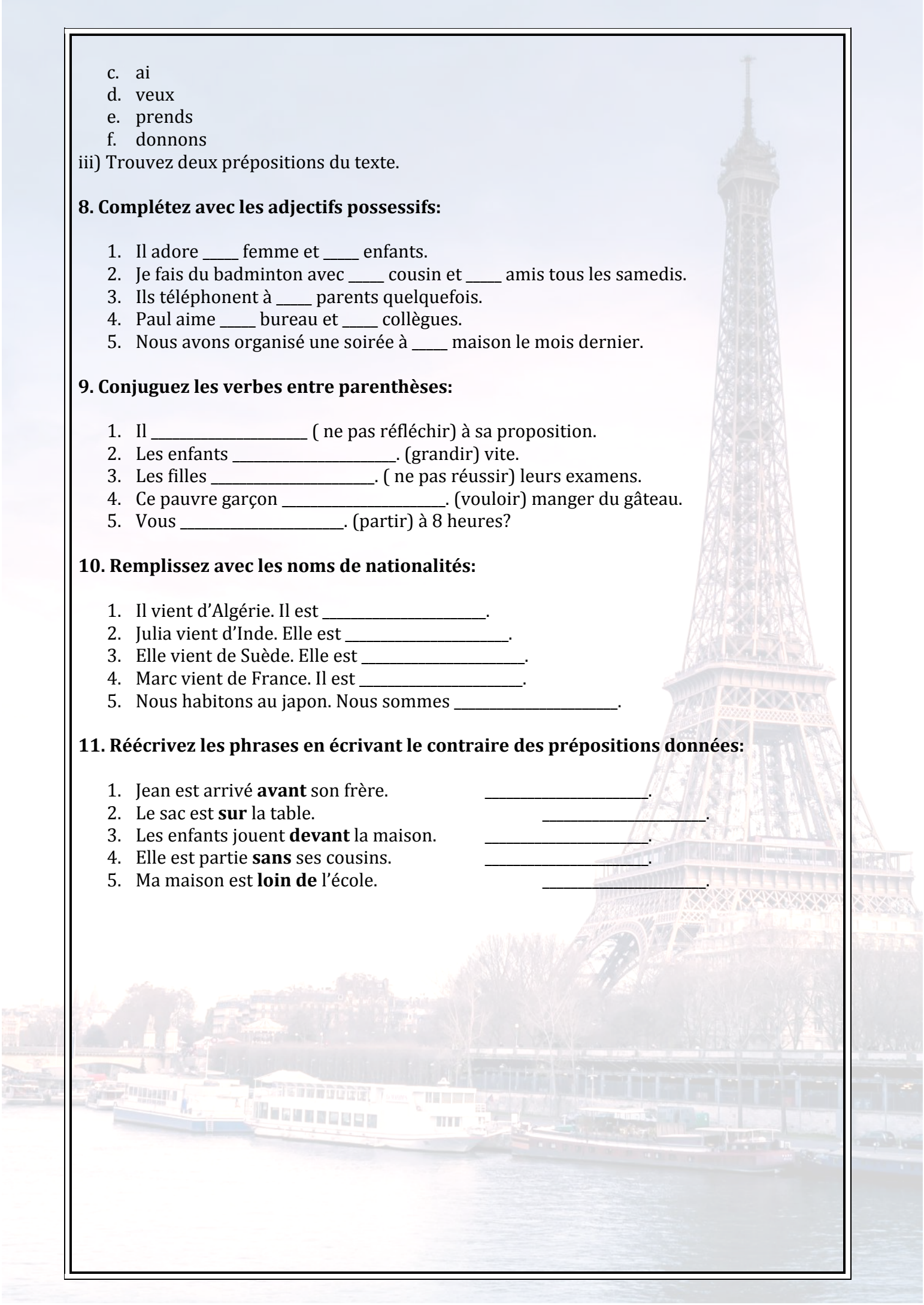
1. Il _____ (ne pas réfléchir) à sa proposition.
2. Les enfants _____. (grandir) vite.
3. Les filles _____. (ne pas réussir) leurs examens.
4. Ce pauvre garçon _____. (vouloir) manger du gâteau.
5. Vous _____. (partir) à 8 heures?

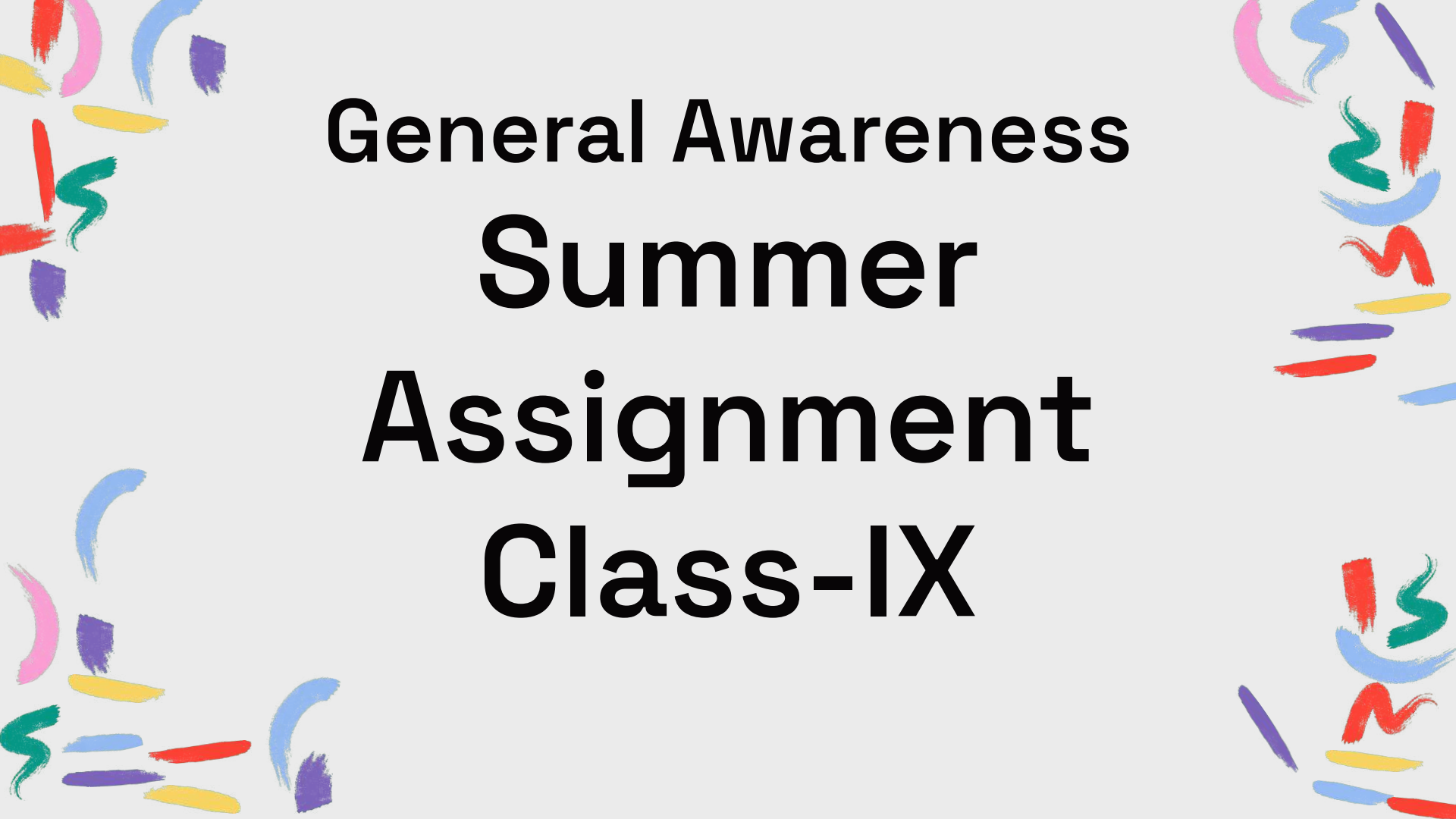
10. Remplissez avec les noms de nationalités:

1. Il vient d'Algérie. Il est _____.
2. Julia vient d'Inde. Elle est _____.
3. Elle vient de Suède. Elle est _____.
4. Marc vient de France. Il est _____.
5. Nous habitons au Japon. Nous sommes _____.

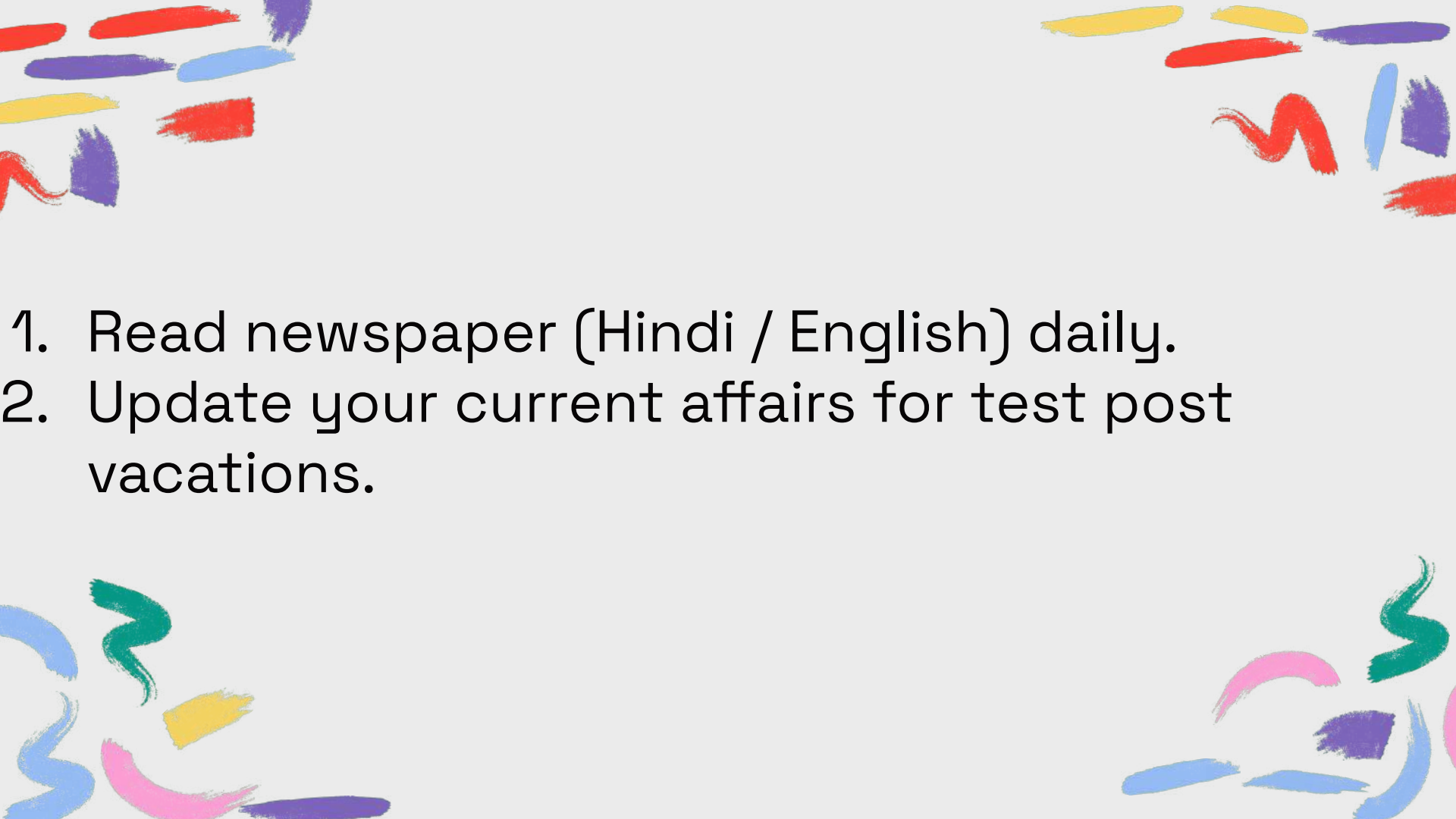
11. Réécrivez les phrases en écrivant le contraire des prépositions données:

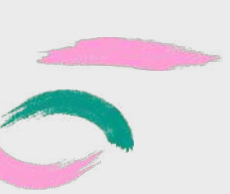


1. Jean est arrivé **avant** son frère. _____.
2. Le sac est **sur** la table. _____.
3. Les enfants jouent **devant** la maison. _____.
4. Elle est partie **sans** ses cousins. _____.
5. Ma maison est **loin de** l'école. _____.



The image features a white background with four clusters of colorful, abstract brushstrokes in the corners. The colors include red, blue, yellow, green, and purple. The strokes are of varying lengths and directions, creating a dynamic and artistic border around the central text.

**General Awareness
Summer
Assignment
Class-IX**

- 
1. Read newspaper (Hindi / English) daily.
 2. Update your current affairs for test post vacations.

- 
- 
3. Students will make a Slogan/Poster on A3/A4 size sheet on any one of the topics:
- “Girl Child”
 - “Social Media”
- 
- 