

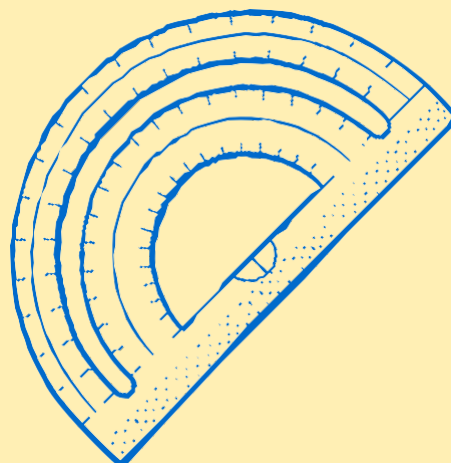
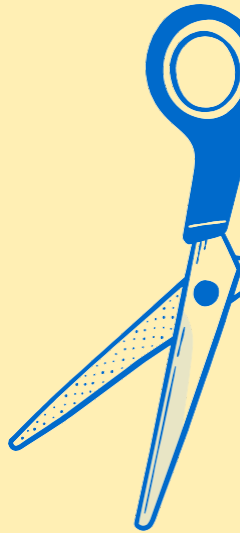


BGS International Public School Sector 5, Dwarka, New Delhi

Class IX
2023-24



Summer Assignment



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

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



BGS INTERNATIONAL PUBLIC SCHOOL SECTOR 5, DWARKA NEW DELHI

SOCIAL SCIENCE SUMMER ASSIGNMENT

WEEK :FIRST

CLASS IX(2023-24)

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 (2023-24) 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***



SUMMER ASSIGNMENT

CLASS IX (2023-24)

SCIENCE

BIOLOGY

1. Make posters on the following topics.

- Global warming a cause of concern (Roll no.- 1-15)
- Conservation of wild life (Roll no.- 16-30)
- Clean Delhi, Green Delhi (Roll no.- 31-38)

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

- Impact of global warming on ecology. (Roll no.- 1-15)
- Explanation in details any two communicable diseases. (Roll no.16- 30)
- Organic farming in India. (Roll no. 31-38)

{1.Cover page must have the Name of the topic, Name of the student, Class & Section, Roll number, 2. Introduction, 3. Content with relevant pictures (minimum 8 pages), 4. Conclusion}

3. Prepare a chart (A3 size) on the allotted topics. Chart to be made on white/coloured pastel sheet.

- Plant cell/Animal cell (Roll no.- 1-15)
- Water cycle (Roll no.16- 30)
- Nitrogen cycle (Roll no. 31-38)

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.

CHEMISTRY

- Collect various pictures of elements, mixtures, and compounds found in our daily lives. Make a collage with the pictures; label the elements, mixtures (heterogeneous and homogeneous) and compounds in the collage.
- **MODEL MAKING:** (Preferably make a working model).
Make a 2 minute video of the process while you make the model. Mention the features of the model in the video and post it in the assignment section in the Chemistry Team.

For Roll Nos. 20-38 (For all sections)

Make a model on any one of the following Sustainable Development Goals (SDGs): Industry, Innovation and Infrastructure/ Sustainable Cities and Communities/Climate Action.

(You can start with the 7 R's Rethink, Refuse, Reduce, Reuse, Repair, Regift, Recycle)

- Study the first chapter thoroughly from NCERT Text Book.
- Write down the following practicals (from the Lab Manual):

1. Preparation of:

- a) a true solution of common salt, sugar and alum
- b) a suspension of soil, chalk powder and fine sand in water
- c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency, filtration criterion, stability.

2. Preparation of

- a) A mixture
- b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of (i) appearance, i.e., homogeneity and heterogeneity (ii) behaviour towards a magnet (iii) behaviour towards carbon disulphide as a solvent (iv) effect of heat.

3. Separation of the components of a mixture of sand, common salt and ammonium chloride (or camphor).

PHYSICS



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. Model or Prototype on any one of the following theme
Roll numbers 1-19 of all sections**

- a) Future technology –‘To change our world’.**
- b) Environmental issues and concerns**
- c) Resource Management**



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.**





BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA, NEW DELHI

**ENGLISH HOMEWORK FOR SUMMER HOLIDAYS FOR CLASS IX
(2023-24) WEEK 3**

Be Creative

Make model of any musical instrument using cardboard, paper mâché, waste products etc. and your imagination. On an A4 sized coloured sheet write about any artist who plays that instrument and paste his picture. Eg. Make a tabla and write about Zakir Hussain.

Be Imaginative

In a coloured scrapbook write a fairy tale and illustrate it. The story has to be written by you. Plagiarism will not be entertained. Use colours to draw the pictures. Illustrate the cover page and write your name.

Be a Bibliophile

Read Uncle Tom's Cabin by Harriet Beecher Stowe and The Little Women by Louisa May Alcott and on A 4 size sheets write about your favourite characters from the novels. Why did you like them?

Enhance Your Vocabulary

In your English register write 10 new words and their meanings every day. They can be adjectives, adverbs, nouns, verbs.

Be Skilled

Learn life skills like cooking, stitching, critical thinking, time management etc. write an article in your English register what are different life skills, why are they important? Why are they the need of the hour?

Objective: To improve the writing and speaking skills of the students. To hone their creativity and critical thinking skills. To initiate a love for reading.



**ART
ASSIGNMENT**

WEEK - 3



CLASS - IX



ASSIGNMENT

1. Students have to do the Mosaic painting on an A4 size sheet . They can choose any color medium like pencil colors , watercolors , brush pens etc. They can make any image like birds , cartoon character , flowers etc.
2. Students have to do the Paper mache . They can make anything with the paper mache like bowl , cup , plate , lamp etc.

BGS International Public School

Maths Summer Assignment (2023-24)
Class IX

INSTRUCTIONS

1. DO THE ACTIVITY ON A-4 SIZE COLOURED SHEET. WRITE PROCEDURE ALSO.
2. SOLVE ATTACHED ASSIGNMENT IN YOUR ASSIGNMENT REGISTER.

Pythagoras Theorem

This theorem states that the square of the hypotenuse of a right-angled triangle is equal to the sum of the squares of the other two sides.

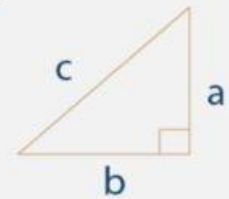
Formula

Pythagoras Theorem:

$$a^2 + b^2 = c^2$$

$$a = \sqrt{c^2 - b^2}$$

$$b = \sqrt{c^2 - a^2}$$



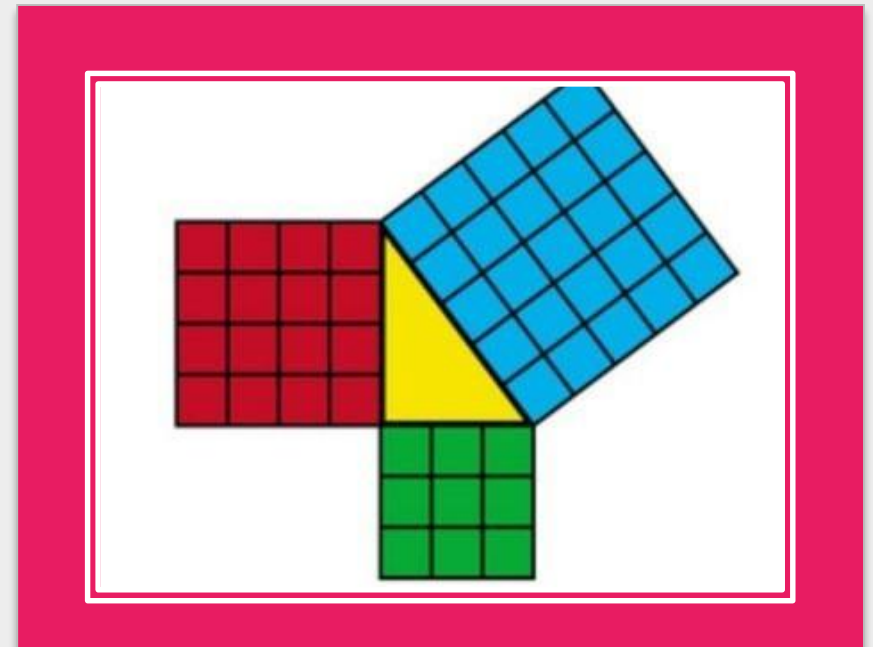


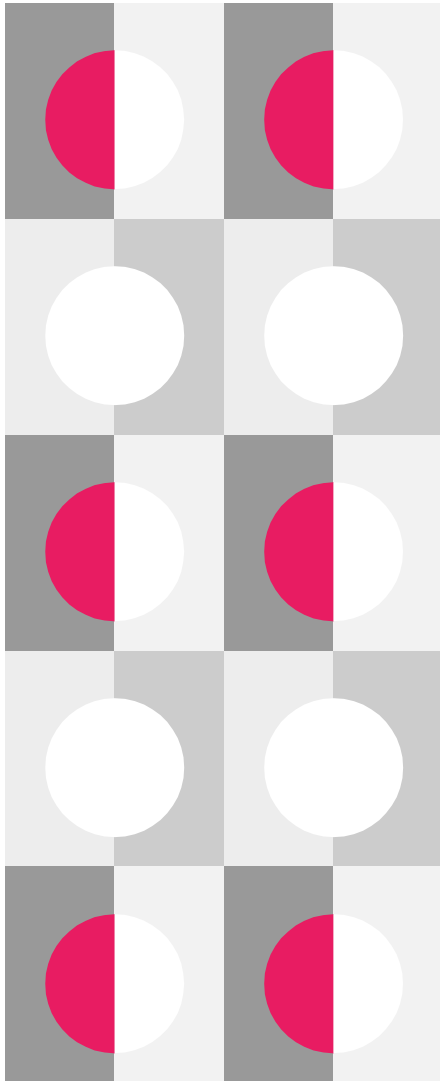
Materials Required

- Any 4 Colour Sheets
- Ruler and sketches

Procedure

1) Make a right angled triangle of 3cm, 4cm and 5cm as shown.



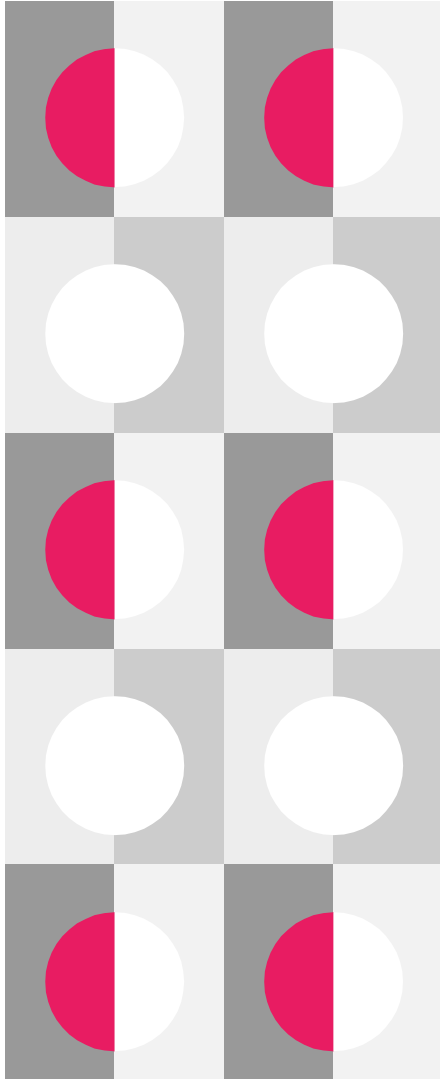


2) Make 3 square sheets of 3×3 cm, 4×4 cm
 5×5 cm of three different colors

3) Fix these square sheets to the sides
of the triangle.

4) Make these square sheets into 3×3 cm
such that 9 squares of equal length

5) Similarly , repeat the same thing with
the remaining square sets (4 cm and 5
cm)



In the above work, we have considered $a=3\text{cm}$, $b=4\text{cm}$ and $c=5\text{cm}$.

Henceforth,

- $3 \text{ square} + 4 \text{ square} = 5 \text{ square}$
- $9 + 16 = 25$
- $25 = 25$

Hence the theorem is proved.

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

ग्रीष्मावकाश कार्य

1. 'साक्षात्कार' किसी सफाई कर्मचारी, सब्जीवाला, कपड़े प्रेस , गार्ड आदि जो दिन रात हमारी सेवा में प्रत्यक्ष- अप्रत्यक्ष रूप से लगे हुए हैं। उनके जीवन में आने वाली कठिनाइयों को सचित्र साक्षात्कार को फोल्डर में प्रस्तुत कीजिए।

2. सभी छात्र मासिक, त्रैमासिक, छमाही या वार्षिक कोई भी एक 'पत्रिका' बनाएंगे।



ग्रीष्मावकाशीय कार्याणि विषय – संस्कृत कार्यावधि–पंच–सप्ताह



निर्देशा: –

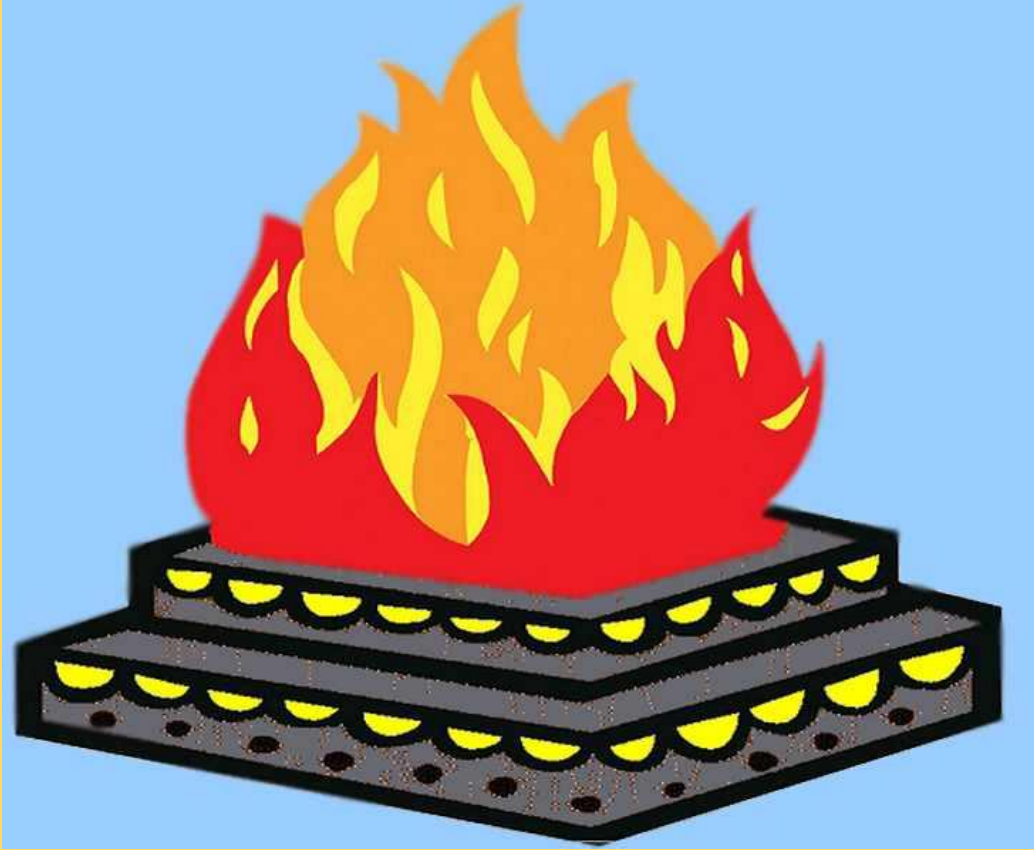
1. एक संस्कृत कथा का वर्णन सचित्र करेंगे।



2. पाठ 2 के श्लोकों में से एक श्लोक का चित्रात्मक वर्णन कीजिए।

3. निम्न में से कोई एक प्रोजेक्ट तैयार कीजिए।

- ❖ यज्ञ के लाभ
- ❖ ग्रह, नक्षत्र विज्ञान
- ❖ वायुयान का सर्वप्रथम आविष्कारक



- ❖
4. नदी, राजन्, भवत् शब्दरूप याद करके अपनी संचिका में लिखिए।
 5. स्था, नम तथा गम पाँचों लकारों में रूप याद करके संचिका में लिखिए।

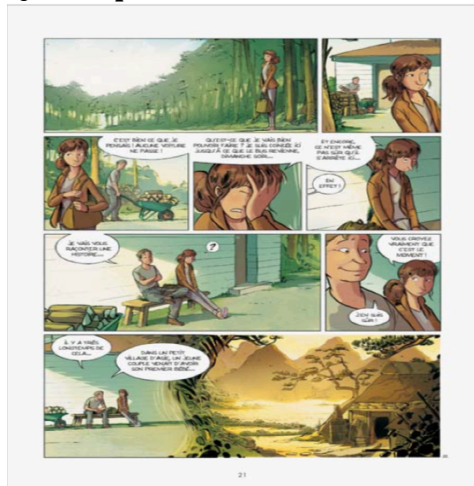
Français

WEEK-5

Q1. Écris votre journée typique dans votre cahier .



Q2. Prépare une bande dessinée dans votre cahier.



Q3. Prépare un graphique sur LES FÊTES DE LA FRANCE.



Q4. Faites des feuille de travail :



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

PRÉNOM: _____

NOM: _____

Q1. Complétez avec les articles définis ou indéfinis :

- 1) Elle a _____ chien. _____ chien s'appelle Snuphy.
- 2) C'est _____ dame. C'est _____ dame de M. Thomas.
- 3) Je trouve _____ chaussures de Sohan dans _____ chambre.
- 4) Il y a _____ pains dans _____ boulangerie de M. Dubois.
- 5) _____ enfants posent _____ questions difficiles.
- 6) On regarde _____ très beau film ce soir à _____ télévision.
- 7) Je cherche _____ roman pour mon cousin.
- 8) C'est _____ moto. C'est _____ moto de Martin.
- 9) Il y a _____ feuilles sur _____ terre.
- 10) Je lis _____ petite annonce intéressante dans _____ *Monde*.

Q2. Complétez avec les adjectifs démonstratifs :

- 1) Je ne connais pas _____ personne.
- 2) _____ hiver, je fais du ski.
- 3) Je veux que tu ranges _____ chambre.
- 4) Montre-moi _____ photo de ton ami.
- 5) Que lest le prix de _____ robe.
- 6) _____ restaurant est très célèbre dans cette ville.
- 7) Nous habitons devant _____ hôtel.
- 8) Jen'aimepas _____ couleur.
- 9) _____ fleur sent bien.
- 10) _____ maison est très grande.

Q3. Complétez avec les adjectifs possessifs :

- 1) Les étudiants vont à _____ classe.
- 2) Tu fais un tour avec _____ nouvelle voiture.
- 3) Il marche avec _____ chien.
- 4) Monsieur, _____ billet, s'il vous plaît.
- 5) Paul casse _____ lunettes.
- 6) _____ maison est à deux kilomètres.
- 7) C'est un crayon de Sylvie? – Oui, c'est _____ crayon.
- 8) Elle écoute _____ chanson préférée.
- 9) Vous prenez _____ voiture noire.
- 10) Marie, tu présentes _____ amies.

Q4. Complétez avec les articles partitifs et l'article défini :

- 1) Elle aime _____ fruits.
- 2) Je bois _____ jus d'orange mais je n'aime pas _____ lait.
- 3) Manuel mange _____ gâteau tous les jours.
- 4) Quand nous avons faim, nous mangeons _____ fruits.
- 5) Il met _____ sucre dans le café noir.

- 6) Non merci, Je ne veux pas _____ eau.
- 7) Je prends _____ hercots verts.
- 8) _____ pain est délicieux.
- 9) _____ cigarettes sont mauvaises pour la santé.
- 10) Pour ce midi, maman fait cuire _____ semoule.

Q5. Complétez avec les articles contractés

- 1) Je regarde le départ _____ avion.
- 2) Luc téléphone _____ grands-parents de Marie.
- 3) Que lest le prix _____ jupes rouges.
- 4) Tu as le numéro de téléphone _____ hôtel.
- 5) Je vais souvent _____ concert.
- 6) Je dois parler _____ docteur.
- 7) Voilà la carte d'identité _____ amie de Françoise.
- 8) C'est la chambre _____ Nargis.
- 9) Le Professeur dit _____ étudiantes << Bravo ! >>
- 10) La voiture _____ voisin est superbe.

Q6. Complétez avec la forme corrette du verbe au present :

- 1) Dans deux jours, ils _____(aller) à Paris.
- 2) Je _____(pouvoir) arriver vers 18h30.
- 3) Mes amis _____ (comprendre) bien l'anglais.
- 4) Nous _____(finir) le devoir dans l'école.
- 5) Je _____(ne pas lire) la lettre.
- 6) Elle _____(savoir) le secret de son ami.
- 7) D'où _____ (venir)-vous?
- 8) J' _____(acheter) la voiture pour mon fils.
- 9) Je _____(voir) le film hindi chaque semaine.
- 10) Ils _____(prendre) la route la plus courte.

Q7. Mettez les phrases au négatif

- 1) Elle finit le devoir chaque jour.
 - 2) M. Vincent a une grande voiture blanche.
 - 3) Ce sont les enfants sénégalais.
 - 4) Cette voisine commence sa journée tôt le matin.
 - 5) L'enfant de M. Richard déteste le lait.
 - 6) Mes parents aiment manger de la salade verte.
 - 7) Les filles indiennes sont très intelligentes et belles.
 - 8) Les élèves dans l'école sont très méchants.
 - 9) C'est une belle voiture.
 - 10) Ma soeur veut avoir un petit chat.
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