HOLIDAY HOMEWORK

CLASS – VIII

PROJECT TITLE -
Move more, Live more: Health, Art and wellness

General Project Guidelines
• Use A4-sized colored sheets as per subject color code: Yellow (S.St), Blue (Maths), Green (English), Orange (Science), Pink (Hindi), Sky Blue (Punjabi), and White (Computer).
• Include a cover page with project title, your name, class, section, roll number, school name, and session year.
• Add an index with page numbers.
• Maintain neat and legible handwriting throughout.
• Ensure originality and enhance your project with relevant pictures.

ASSIGNMENT

Q1. When a rational no. is divided by reciprocal of itself, the quotient is

a) Always 1 b) Always 0 c) Always a rational number d) None of these

Q2 A rational no. which is equal to its negative is

a) 0 b) -1 c) 1 d) 2

Q3 The sides of a rectangle are 2 m and 1.5 m. The length of the diagonal is

a) 2.5 m b) 6.5 m c) 6.25 m d) 3.5m

Q4 Raju earns Rs 1440, if he works for 12 days. If he works for 30 days, he will earn

A) Rs. 2400. B) Rs 3600. C) Rs. 4800. D) Rs. 5000

Q5 x varies inversely as the square of y in such a way that, if x = 1, then y = 6, If y = 3, then what is the value of x ?

A) 4. B) 2. C) 5. D) 3

Q6. The product of two numbers is 10625 If one no. is 17 times the other find the numbers.
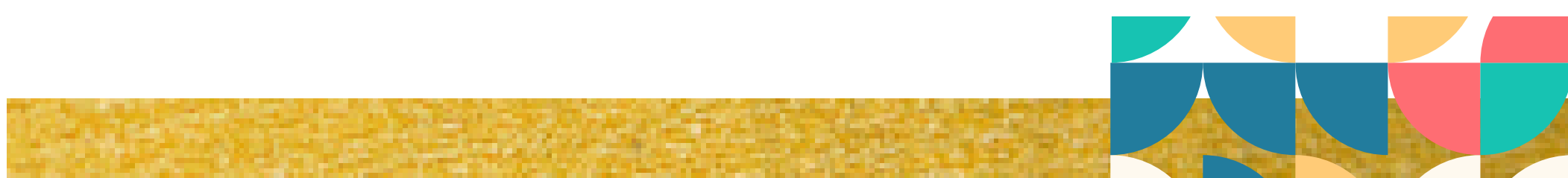
Q7. Find the greatest no. of 5 digits which is a perfect square

Q8. Divide the sum of 65/12 and 12/7 by their difference **Q9.** Neena has enough money to buy 6 kg of apples at the rate of 125 per kg. How much quantity of apples can she buy with the same money if the price of apples were increased by 25 per kg?

Q10 15 boys earn Rs.900 in 5 days, how much will the 20 boys earn in 7 days **Q11** By what number should we multiply (-15)/28 so that the product maybe (-5)/7 **Q12.** Find the value of $\sqrt{15625}$ and then use it to find the value of $\sqrt{156.25} + \sqrt{1.5625}$

Q13 Priti wants to wish her 5 subject teachers on teacher's day by giving them self-made greeting card. She chooses a green coloured square sheet of paper. A side of that paper measures 20.5cm Give the answers A What is the area of each card? B.Find the edge of each card correct to 2 decimal places. C.Find $\sqrt{0.9} \times \sqrt{1.6}$.

Q 14 Aditya who is working in a multinational company earns Rs 150000 per month. Out of his earning he spend 1/10th on food items, 1 /4 th on shopping with family ,1/ 5th of remaining on education of his two kids and rest of his money he puts in his savings a) How much money he spends on food items b) How much money he spends on shopping c) How much money did he save?

Q 15 One day my Mathematics teacher explained about Direct and Inverse proportion with the help of many examples. He has given the example of the relation between the length of shadow and height of the water tank and height. A water tank casts a shadow 21 m long. A tree of height 9.6 m casts a shadow 8 m long at the same time. Answer the following questions based on the above information: A) Find the height of the water tank in the above situation.

OR

A water tank casts a shadow 27 m long. A tree of height 10.5 m casts a shadow 9 m long at the same time. Find the height of the tank. B) If yvaries inversely as x, and if y = 4 when x = 72, find the value of y when x = 9. C) Identify the variation : The area of a circle and its diameter.

English

Topic: 7-Day Activity Log •

Content:

o Record daily physical activities, meals consumed, and note if fitness goals were achieved.

o At the end of the week, write a short paragraph on the physical and mental benefits experienced due to regular physical activity.

Vocabulary

Write the meaning of the given words in Hindi & Punjabi on A4 Size ruled sheets and learn their spellings.

1. Acquaint   2. Adhere   3. Composure
4. Conceal   5. Derogatory   6. Detain
7. Dilemma   8. Empathy   9. Endeavour
10. Epitome   11. Equip   12. Fatigue
13. Feeble   14. Flourish   15. Gullible
16. Intuition   17. Laborious   18. Moderate
19. Humorous   20. Salient   21. Paradigm
22. Peculiar   23. Onus   24. Orthodox
25. Virtuous

Note – A written test on the same will be held after Summer Break.

SCIENCE

Topic: Super Microbes and Germ Busters: A Hygiene Adventure

Content:

o Research different types of microbes and their roles.

o Create characters like "Super Microbes" and "Germ Busters" to illustrate good and bad microbes.

o Develop a storyline showcasing the importance of hygiene practices.

o Create comic strips or posters to educate about hygiene.

Social Studies

Topic: Traditional Indian Exercises vs. Modern Sedentary Lifestyle

Content:

o Describe traditional exercises like Dand Baithak, Surya Namaskar, and Yoga poses.

o Compare with modern sedentary habits.

o Conduct interviews with local fitness trainers, yoga instructors, or elders about daily fitness routines.

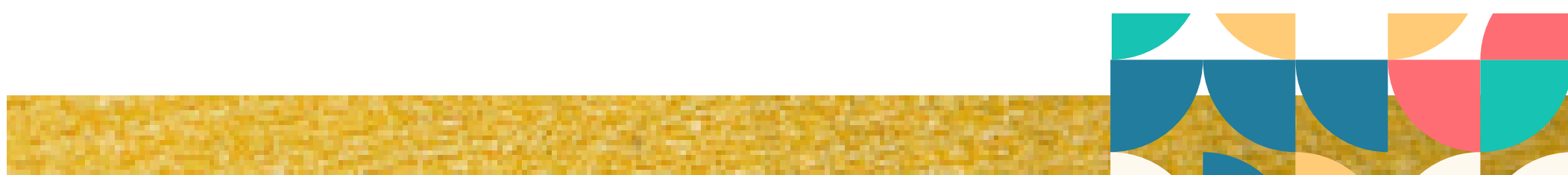Presentation: Use tables, charts, and photographs to illustrate differences

विभिन्न आसनों के चित्र लगाकर नाम लिखिए और मानसिक शांति के लिए व्यायाम का महत्व बताइए।

प्रेरणा पीठ की पुस्तक को ध्यान से पढ़िए और संबंधित पुस्तिका में दिए गए प्रश्नों के उत्तर सुंदर लेख में लिखें ।

ਤੰਦਰੁਸਤ ਸਰੀਰ ਵਿੱਚ ਤੰਦਰੁਸਤ ਮਨ ਦਾ ਨਿਵਾਸ ਹੁੰਦਾ ਹੈ ਇਸ ਤੱਥ ਨੂੰ ਦਰਸਾਉਂਦੇ ਹੋਏ ਸੰਤੁਲਿਤ ਭੋਜਨ ਦਾ ਚਾਰਟ A4 size ਸ਼ੀਟ ਤੇ ਬਣਾਓ।

Topic: "Move More, Live More: Health, Art, and Wellness" •

Content:

o Create a video or reel showcasing various yoga asanas performed on Yoga Day.

o Tools: Use video editing software like Canva, Kinemaster, InShot, or Clipchamp.

Content: Include photos, self-written dialogues, and background music to make the video engaging.

Happy

HOLIDAYS