



Sanskriti Kmv School
Session-2024-25
Summer Break Holiday Homework
Grade-VIII

“School is off as summers in, Let the boredom stop and the Fun begin”

Dear Parents

Vacation is a welcome break! It is a golden period for family reunion and utilizing it in the most fruitful manner. So staying inside, beating the scorching heat of summers and to avoid being monotonous few fulfilled activity based tasks have been designed for the students so that they can spend their relaxation time in the most constructive way. But before advancing towards it, few points need to be taken into consideration:

- Students should complete their Holidays Homework and submit it positively post vacation. It should be handed over to the Grade-Incharge in a single clear folder labelled properly with student's name, father's name, class and section.
- Prioritize their physical fitness. Follow regular Fitness Regime and maintain a balanced diet.
- Encourage your child to adopt any one bird during the vacation. Take proper care by feeding it at regular intervals.
- Involve children in household chores.
- Spend quality time with the grandparents and reduce the screen time.
- Keep a record of places visited, special days enjoyed, with the photograph with you.

Looking forward for a delightful fun filled time ahead!

Happy Holidays!

English

Q1. Make a comic strip about the Ch: Uncle Podger Hangs a Picture. (File or a chart)

Q2. Read chapter of Unit 5: Mystery Sherlock Holmes "The Blue Carbuncle"

- Write down its summary
- Find out ten difficult words from the chapter write their Synonyms & Antonyms.

Q3. Complete the sentences given below with the suitable determiners given in brackets.

1. Meg used ___ sketch pens to complete her project. (this/these)
2. I had ___ rice today. (enough/all)
3. ___ picture was painted by Picasso. (that/those)
4. The book belongs to ____. (her/hers)
5. Can you give me ___ notebook? (the/an)
6. Sam stood ___ in the class. (first/one)
7. Mave is ___ honest man. (a/an)
8. ___ students were called to the principal's office. (any/some)
9. Do you know ___ scarf this is? (whose/their)
10. ___ Qutub Minar belongs to the Sultanate Period in India. (an/the)

Q4. Complete the following sentences using the Simple Present or Present Continuous Tense of the verb given in the brackets.

1. Wild animals _____ in forests. (live)
2. We _____ on a picnic next week. (go)
3. She can't go out to play now because she _____ (do) her homework.
4. We _____ Bangalore every summer. (visit)
5. An honest person always _____ the truth. (speak)
6. He _____ (have) his lunch.
7. Some birds _____ (migrate) every year.
8. The rain _____ (fall) from the clouds.
9. A person who _____ (sell) vegetables is known as a greengrocer.
10. We _____ with our eyes _____ with our ears and _____ with our nose. (see, hear, smell)

Q5. Complete the following sentences using the Simple Past or Past Continuous Tense of the verb given in the brackets.

1. Malik _____ (board) the train when it stopped.
2. The phone _____ (ring) while I _____ (have) dinner.
3. It _____ (rain) heavily last night.
4. As she _____ (get) into the bus, someone _____ (pick) her pocket.
5. She _____ (sleep) when I _____ (call) on her.
6. Her father _____ (buy) her a new car last week.
7. The conductor _____ (tell) him that he _____ (travel) in the wrong direction.
8. His father _____ (ran) his when he decided to go abroad.
9. Ramesh _____ (have) a walk when someone _____ (attack) him.
10. She _____ (cut) her finger while she _____ (cut) the vegetables.

Q6. Refer to the Sample of Letter of Placing Order and complete the given task.

Sample-You are the Librarian at Devi Charitable School, Lucknow. Place an order of school books and other story books for the school library with Chitrakoot book shop, Mall road, Lucknow.

Devi Charitable School

Lucknow

May21,2024

Chitrakoot Book Shop

Mall Road

Lucknow

Subject – To place an order for school books and other story books

Madam/Sir

I work as the librarian at Devi Charitable School in Lucknow. I wish to order something on the school's behalf for the school library. The required text books are:

Gulmohar Readers (Class V and VI) 12

Together with Biology (Class XI and X) 12

Together with Chemistry (Class XI and X) 7

Mathematics by R S Agarwal (Class X and XII) 10

NCERT Physics (Class VI, VII and X) 12

Percy Jackson 2

Harry Potter 12

Please ensure that the books be delivered by May 31, 2024. On receipt of the order confirmation, 50% payment will be made. After delivery, the other half of the payment will be made. I anticipate receiving a discount on the overall cost of the books because I am a regular client. I'm eagerly awaiting your confirmation.

Thanking you

Yours truly

XYZ

Task: The Prime Sports, Sector 7, Chandigarh has advertised a clearance sale on sports goods – tennis balls, basket balls, cricket gloves, pads and shuttle cocks. Being the sports in-charge at PPS, Nabha, place an order for the said items.

Q7. Read Newspaper for two weeks. Cut & paste pictures of one article each day.

Mark difficult words & find out their meanings.

Q8. Art Integrated Project-

Pipli Art is one of the most popular craft in Orissa. The most notable art form of Pipli is the applique work, which involves stitching colorful fabric pieces onto a base fabric to create intricate designs for religious ceremonies. Pipli celebrates various festivals with great enthusiasm and respect. **Let's make a Wall Hanging using this Art form.**

Reference picture and video of its making is given below.

<https://www.youtube.com/watch?v=83VOXFyF2hQ>

Maths

General Instructions:

- (i) Submit your work in file/ folder with a cover page
- (ii) Do your work neatly and creatively

(iii) Use loose sheets to do practice questions and project work

Project : AIL ACTIVITY

Make a project file on the topic 'To compare the average maximum and minimum temperature of Punjab and Orissa using double bar graph for the month January to December'

Lab manual: Do Activity number 10(a),10(b),10(c)

- * Make any 2 solid shapes using chart paper and also write it's number of Faces, Edges and Vertices on it.

Practice Questions

1. Verify the following

$$(i) \quad \frac{2}{3} \times \left(\frac{3}{4} \times \frac{5}{7}\right) = \left(\frac{2}{3} \times \frac{3}{4}\right) \times \frac{5}{7}$$

$$(ii) \quad \frac{5}{3} \times \left(\frac{-5}{8} + \frac{1}{3}\right) = \frac{5}{3} \times \left(\frac{-5}{8}\right) + \frac{5}{3} \times \frac{1}{3}$$

2. Write 6 rational numbers between $\frac{-5}{2}$ and $\frac{-3}{5}$

3. By what number should $\frac{-2}{19}$ be divided to get $\frac{-3}{2}$

4. The cost of $3\frac{1}{2}$ kg of rice is Rs.82 $\frac{1}{4}$. Find the cost of $11\frac{1}{4}$ kg of rice.

5. Simplify $\left(\frac{11}{12} \times \frac{12}{121}\right) - \left(\frac{-6}{5} \times \frac{70}{60}\right)$

6. Represent the following on number line

$$(i) \quad \frac{-7}{3} \quad (ii) \quad \frac{12}{5}$$

7. Find the value of $\left(\frac{3}{2}\right)^5 \div \left(\frac{3}{2}\right)^2$

8. Convert in exponential form (i) $-\frac{512}{625}$ (ii) $\frac{64}{729}$ (iii) $\frac{-343}{512}$

9. The product of two rational numbers is $\frac{4}{26}$ if one of them is $-\frac{2}{13}$, find the other

10. A bus at a uniform speed covers a distance of $110\frac{2}{3}$ km in $2\frac{1}{3}$ hours . Find the speed of the bus and the distance covered in $4\frac{1}{2}$ hours

11. Simplify: $\left\{\left(\frac{15}{16}\right)^{13}\right\}^{-3} \div \left\{\left(\frac{15}{16}\right)^{-15}\right\} \times \left(\frac{15}{16}\right)^{-5}$

12. (i) Simplify $\left(\frac{-22}{49}\right)^3 \div \left(\frac{12}{343}\right)^3$

(ii) Which is greater? $-\frac{4}{9}$ or $-\frac{3}{7}$

13. Express as rational number

- (i) $(\frac{2}{3})^{-7} \div [(\frac{2}{3})^{-6} \times (\frac{2}{3})^{-4}]$
 (ii) $[(-4)^{-7} \times (\frac{1}{4})^{-7}] \times [(\frac{3}{4})^{-3} \div \{(\frac{3}{4})^{-2}\}^{-3}]$

14. Evaluate

- (i) $[(\frac{4}{3})^{-1} + (\frac{3}{4})^2]^{-1}$
 (ii) $\{(\frac{1}{2})^{-3} - (\frac{1}{3})^{-3}\} \div (\frac{1}{4})^{-3}$

15. Find the value of x for which $6^{2x+1} \div 36 = 216$

16. If $\frac{x}{y} = (\frac{4}{7})^{-1} \times (\frac{14}{20})^{-2}$ find $(\frac{x}{y})^{-2}$

17. Find the value of m if $5^{m-3} \times 3^{2m-8} = 225$

18. By what number should $(3)^{-2}$ be divided to get $(9)^{-3}$

19. Write the number in standard form

- (i) 0.0000000564
 (ii) 678.5×10^5

20. Divide the sum of $\frac{1}{2}$ and $\frac{1}{5}$ by their difference

21. How many numbers lie between the squares of

- (i) 100 and 101
 (ii) 47 and 48

22. Find the squares of

- (i) 6.25
 (ii) $\frac{-16}{17}$

23. Find the other two members of the pythagorean triplet ,one of whose member is 26

24. Without adding , find the sum

- (i) $1+3+5+7+9+11+13+15+17+19+21+23+25+27$
 (ii) $!+3+5+7+9+11+13+15+17$

25. Using the properties of squares find the value of

- (i) $2115^2 - 2114^2$
 (ii) $100^2 - 99^2$

26. After reading $\frac{7}{12}$ of a book, 30 pages are left unread How many pages are there in the book.

27. Simplify $\frac{9 \times p^{-4}}{3^{-3} \times 6 \times p^{-8}}$

28. Which is greater 0.0000463 or 0.00463? solve by writing them in standard form

Science

General Instructions:

- (i) Submit your work in file/ folder with a cover page.
- (ii) Do your work neatly and creatively.
- (iii) Use loose sheets to do practice questions and project work.

Case Study :

The chemical process in which a substance reacts with oxygen to produce heat is called combustion. The substance which undergoes combustion is called a combustible substance. It is also called a fuel. Sometimes light is also produced during combustion either as a flame or as a glow.

Q1. Although wood has a very high calorific value, we still discourage its use as a fuel. Explain.

Q2. Can the process of cellular respiration be called combustion? Why?

Q3. Why petrol is not a safe fuel for household activity?

Q4. People usually keep Angethi or burning coal in their closed rooms during winter. Why is it advised to keep the door open?

Q5. What do you understand by fuel efficiency?

Case Study :

Force is the push and pull action and it results in the change of motion and direction. On the other hand, the pressure is the physical force applied to the unit area of the surface. Force is the effect produced due to the interaction of two objects which tries to change the state of the object.

Q1. What happens to the springs fixed to the seat of a bicycle when we sit on it?

Q2. Why it is easier to walk on soft sand if we have flat shoes rather than shoes with sharp heels (or pencil heels)?

Q3. Why do sea divers wear specially designed suits?

Q4. When a ball is dropped from a height, its speed increases gradually." Name the force which causes this change in speed.

Q5. Why nose bleeding occurs at high altitudes?

AIL Activity : Make a file on different types of crops and their requirements(like season, soil etc.) found in Odisha and Punjab.

Lab Manual: Experiment No. 3,4 and 8 . Page No(13-17,23)

Revise Chapter No.- 1,4,8

SST

1.*AIL Activity*

Make a project file showing the mineral and energy resources, industries as well as livelihood patterns of Odisha and Punjab. Also find out , how is the approach of Odisha different from Punjab in achieving sustainable development goals ? Paste relevant pictures.

2.Do Page 160, 280 and 281of book 'Footprints'.

3.Which administrative practices introduced by the British are still prevalent ? How have they changed to suit the needs of post colonial India ? Paste relevant pictures.

4.A large number of Indian professionals migrate to the US in search of better opportunities. How does it affect India?

5.Map work

Do Pages 6 to 14 of Map Skill.

Hindi

निर्देश : i) सारा कार्य आकर्षक सृजनात्मक और कलात्मक एवं प्रस्तुति योग्य होना चाहिए।

ii)कार्य को आकर्षक बनाने के लिए भिन्न-भिन्न रंगों और चित्रों का प्रयोग कर सकते हैं।

• लेखन के कार्य को करने हेतु किसी भी प्रकार की रंगीन शीट का प्रयोग कर सकते हैं।

1 . कला एकीकृत गतिविधि:

(Art integrated learning)

भारत का ओडिशा राज्य विभिन्न धार्मिक समुदायों और जनजातियों से भरी भूमि है। इस विविधतापूर्ण भूमि में लोक संगीत और नृत्य के साथ साथ विभिन्न त्योहार मनाए जाते हैं । लोगों को एकजुट करने हेतु जगन्नाथ रथयात्रा को एक त्योहार के रूप में जून/जुलाई में आषाढ़ के कृष्ण पक्ष के दूसरे दिन पूरे ओडिशा में मनाया जाता है। इस अनुपम लोकपर्व के महत्व के विषय में चित्र सहित जानकारी एकत्र कर एक रिपोर्ट (लेख) तैयार कीजिए। (लगभग 100 शब्दों में)।

*पंजाब में भी तीज पूरे हर्षोल्लास से मनाया जाने वाला एक त्योहार जो मानसून की

शुरुआत के लिए समर्पित है । तीज पर्व किस प्रकार और कब मनाया जाता है ? इसके विषय में पूर्ण जानकारी संक्षेप में देते हुए चित्र सहित एक रिपोर्ट (लेख) तैयार कीजिए। दिया गया कार्य स्कैप बुक में करें ।

अनुक्रमांक 1 से 18 ओडिशा



ਅਨੁਕਰਮਾਂਕ 16 ਸੇ... ਆਗੇ ਪੰਜਾਬ ।

2 .ਸਕਾਰਾਤਮਕ ਸਨਦੇਸ਼ ਦੇਣਾ ਹੁਆ ਕਿਸੀ ਏਕ ਵਿਥਯ ਪਰ ਆਕਰ੍ਥਕ ਵਿਜ਼ਾਪਨ ਏ - 4 ਚੀਟ ਪਰ ਬਨਾਏਏ ਜਿਨਸੇ ਲੋਗ ਪ੍ਰੇਰਣਾ ਲੇ :

ਵਿਥਯ :- ਸਵਚਛਤਾ ਜੀਵਨ ਕਾ ਆਧਾਰ , ਸਮਾਜ ਸੇਵਾ ।

3 . ਪਾਠ੍ਯਪੁਸਤਕ 'ਅਖਰਾ ' ਮੇਂ ਪ੍ਰਥ 9੦ ਪਰ ਡਿਏ ਗਏ ਅਭ੍ਯਾਸ ਪ੍ਰਸ਼ਨਪਤ੍ਰ 1 ਕੇ ਖੰਡ 'ਕ' ਔਰ ਖੰਡ ' ਖ ' ਕੋ ਪੁਸਤਕ ਪਰ ਹੀ ਹਲ ਕਰੇਂ ।

4. ਰੋਜ਼ ਡੈਨਿਕ ਸਮਾਚਾਰ ਪਤ੍ਰ ਪਫੇਂ ਔਰ ਤਸਮੇਂ ਸੇ ਕੋਏ ਪਾੱਚ ਕਠਿਨ ਸ਼ਬਦ ਅਰਥ ਸਹਿਤ ਸੁੰਦਰ ਸ਼ਬਦਕੋਸ਼ ਬਨਾਕਰ ਤਸਮੇਂ ਲਿਖੇਂ ।

5 . ਕਰਗਏ ਗਏ ਪਾਠ੍ਯਕ੍ਰਮ ਏਵੰ ਡੁਕਾਏ ਪਰੀਕ੍ਸ਼ਾ । ਕੇ ਪਾਠ੍ਯਕ੍ਰਮ ਕੀ ਭੀ ਡੋਹਰਾਏ ਕਰੇਂ ।

Punjabi

1. ਵਰਕਸ਼ੀਟ :- (ਤਿੰਨ ਸਵਾਲ, ਅੱਖਰ ਬੋਧ)

(i) ਸ਼ਬਦ ਅਰਥ:- (2M)

(ੳ) ਡੂੰਡੀ ਪਿਟਵਾਉਣਾ

(ਅ) ਅੱਖ ਲੱਗਣਾ

(ii) 'ਤਪੀਸਰ' ਸ਼ਬਦ ਦਾ ਵਾਕ ਬਣਾਓ। (1M)

(iii) ਖਾਲੀ ਥਾਵਾਂ ਭਰੋ:- (4M)

(ੳ) ਜਿਹਨਾਂ ਸਵਰਾਂ ਦੇ ਉਚਾਰਨ ਨੂੰ ਘੱਟ ਸਮਾਂ ਲੱਗਦਾ ਹੈ, ਉਸਨੂੰ_____ ਆਖਦੇ ਹਨ।

(ਅ) ਗੁਰਮੁਖੀ ਲਿਪੀ ਨੂੰ_____ ਵੀ ਆਖਦੇ ਹਨ।

(ੲ) ਜ਼ਖਮੀ ਵਿਅਕਤੀ_____ ਅਤੇ_____ ਦੇ ਨੇੜੇ ਆ ਕੇ ਨਿਢਾਲ ਹੋ ਗਿਆ।

(ਸ) ਰਾਜਾ ਤਿੰਨਾਂ ਸਵਾਲਾਂ ਦੇ ਜਵਾਬ ਦੇਣ ਵਾਲੇ ਨੂੰ _____ ਨਾਲ ਮਾਲਾ-ਮਾਲ ਕਰ ਦੇਣਾ ਚਾਹੁੰਦਾ ਸੀ।

(iv) ਹੇਠਾਂ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਲਿਖੋ:-

(3M)

(ੳ) ਲਗਾਖਰ ਕਿਸ ਨੂੰ ਆਖਦੇ ਹਨ?

(ਅ) ਨੈਜਵਾਨ ਨੂੰ ਜ਼ਖਮੀ ਕਿਸ ਨੇ ਕੀਤਾ ਸੀ?

(ੲ) ਰਾਜੇ ਦੇ ਤਿੰਨ ਸਵਾਲ ਕਿਹੜੇ-ਕਿਹੜੇ ਸਨ?

2. ਚਿੱਤਰ ਵਰਨਣ (A4 Sheet) ਜਾਂ ਘਰ ਵਿੱਚ ਪਈਆਂ ਪੁਰਾਣੀਆਂ ਚੀਜ਼ਾਂ ਦੀ ਵਰਤੋਂ ਕਰਦੇ ਹੋਏ, ਕੋਈ ਇੱਕ ਤੋਹਫ਼ਾ ਬਣਾਓ।



3(i) ਵਿਆਕਰਨ ਦੀ ਪਾਠ ਪੁਸਤਕ ਸੰਬੰਧੀ ਲੇਖ:- ਗਰਮੀ ਦੀ ਰੁੱਤ, ਸਮੇਂ ਦੀ ਕਦਰ, ਮੋਬਾਇਲ ਦੇ ਲਾਭ ਅਤੇ ਹਾਨੀਆਂ, ਮਨੁੱਖ ਅਤੇ ਵਿਗਿਆਨ, ਦੇਸ਼ ਪਿਆਰ ਪੜ੍ਹੋ।

(ii) ਕਵਿਤਾ ਉਚਾਰਨ:- 'ਮੇਲੇ ਵਿੱਚ ਜੱਟ' (ਯਾਦ ਕਰੋ)

(iii) ' ਭਗਤ ਪੂਰਨ ਸਿੰਘ ' ਲੇਖ ਆਪ ਪੜ੍ਹ ਕੇ ਦਸ(10) ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਲਿਖੋ।

(iv) ਜਮਾਤ ਵਿੱਚ ਕੀਤੇ ਕੰਮ ਦੀ ਦੁਹਰਾਈ ਕਰੋ।

ਨੋਟ:- ਇਕਾਈ ਪਰੀਖਿਆ 1(UT-1) ਸਿਲੇਬਸ ਦੀ ਦੁਹਰਾਈ ਕਰੋ।

Computer

1. Make a PowerPoint presentation on the topic “AI initiatives in Odisha”. Add appropriate pictures, diagrams, transition and animation and email it to:
Grade 8 Dahlia – skmvcomputer1@gmail.com (Don't forget to mention your name, class and section in subject of Email)
Grade 8 Daisy – sanskriticomputer6@gmail.com (Don't forget to mention your name, class and section in subject of Email)
Grade 8 Lotus – sanskriticomputer6@gmail.com (Don't forget to mention your name, class and section in subject of Email)
Grade 8 Jasmine – skmvcomputer1@gmail.com (Don't forget to mention your name, class and section in subject of Email)
2. Create a poster of any one out of latest technological device as per your roll no as mentioned below in A4 Chart Paper with relevant pictures.
Roll No. 1 to 10 (any one)– Hovding or Tilt Brush
Roll No. 11 to 20 (any one)– Vyommitra or 3D printing
Roll No. 21 to 25 (any one)– Magic bench or Zuta Pocket printer
Roll No. 26 onwards (any one)– Nano1 or MIITO
3. Revise syllabus for UT 1

Physical Education

(practical manual) Athletics: Draw a track History of Athletics Rules of track (track marking)

Football, Basketball, Badminton, Volleyball and cricket

Choose Anyone Game

1. History
2. Latest rule of the game
3. Terminology Only 5
4. Fundamental skills Only 4
5. Important tournament
6. Playing field and equipments

G.K

General Instructions: • Present your work as neatly and creatively as possible. Use G.K Notebook for doing the same.

Q1. Gather all the latest headlines related to national, international and sports during the month of June 2024 and paste the pictures along with it.

Q2. Solve the Given Below Reasoning Questions

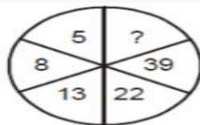
i. Find the missing number

8	15	22
29	?	43
50	57	64

- a. 40
- b. 36
- c. 37
- d. 38

ii.

Find the missing number in the circle:



- A. 71
- B. 66
- C. 72
- D. 78

iii. Choose one option to fill the missing:

. CMM, EOO, GQQ, _____, KUU

- Ⓐ GRR
- Ⓑ GSS
- Ⓒ ISS
- Ⓓ ITT

iv.

SCD, TEF, UGH, _____, WKL

- A CMN
- B UJI
- C VIJ
- D IJT

v.

ELFA, GLHA, ILJA, _____, MLNA

- A OLPA
- B KLMA
- C LLMA
- D KLLA

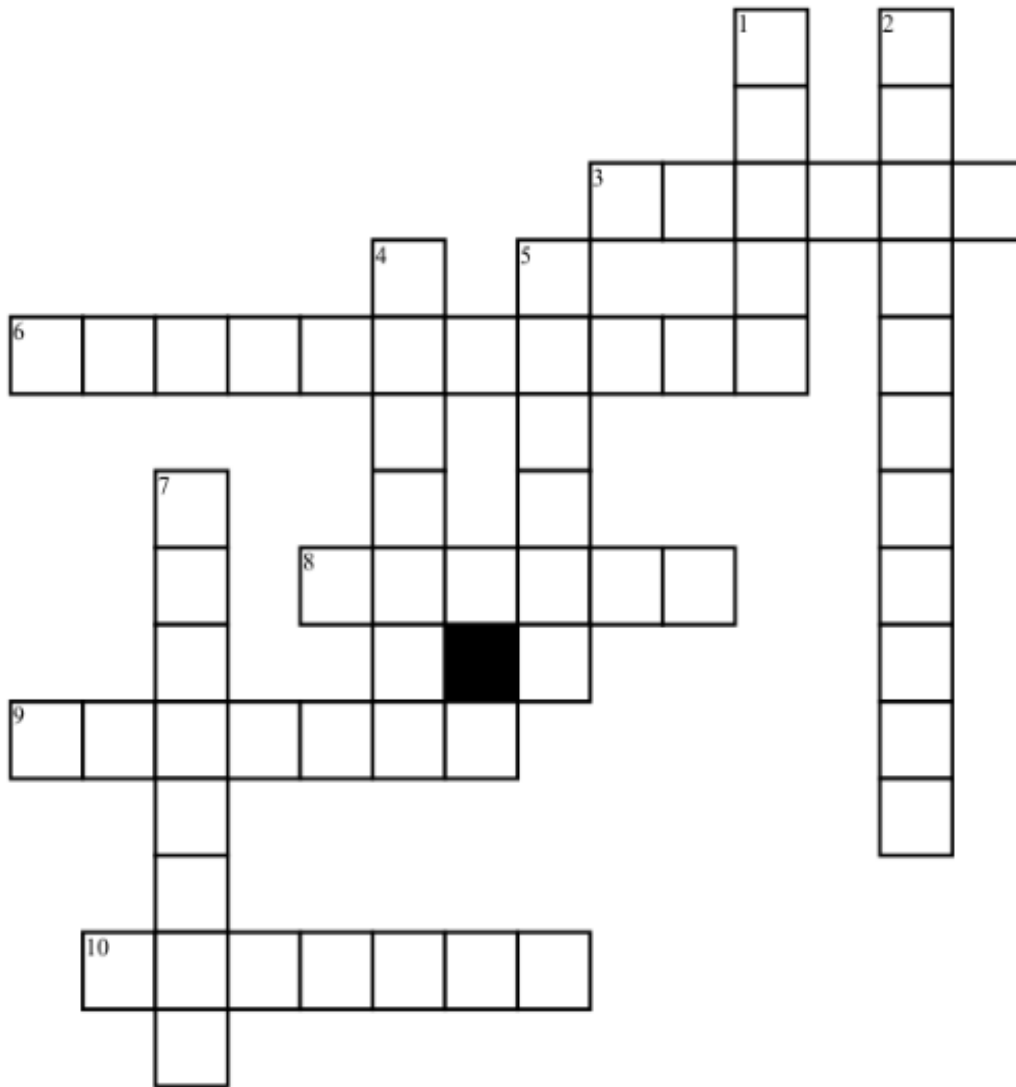
vi.

FAG, GAF, HAI, IAH, _____

- A JAK
- B HAL
- C HAK
- D JAI

Q3. Solve The Crossword Puzzle on Rivers of India.

Rivers of India



Across

- 3. The second-largest tributary river of the Ganga
- 6. This river flows through the famous pilgrimage place Dharmasthala and is considered one of the holy rivers of India
- 8. Sacred river of South India that originated from Karnataka
- 9. A tributary of the Yamuna River in central India, and thus forms part of the greater Gangetic drainage system

- 10. Fourth biggest river, major source of irrigation for Maharashtra, Telangana and Andhra Pradesh

Down

- 1. A tributary of the Ganges. According to Hindu beliefs, the river is the daughter of Rishi Vashist
- 2. Formed by confluence of two rivers at Koodli
- 4. The 5th longest river in India, also known as Nerbudda
- 5. Holy river of India
- 7. Second longest river of India

Art

Q1. Make a beautiful Wall Hanging as shown in the picture. Link for the making of the hanging is shared below.



<https://www.youtube.com/watch?v=gWNcDHLZY38>