



Sanskriti KMV SCHOOL

Session-2023-24

Summer Break Assignments

Grade-VII

“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:

- Summer Break: -28th May, 2023 to 2nd July 2023. School will reopen on 3rd July 2023.
- 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 in a scrap book.

Looking forward for a delightful fun filled time ahead!

HAPPY HOLIDAYS!

ENGLISH

1. Look at the picture of comparison between famous festival of Punjab and Odisha and write a paragraph on it. (Word limit-100-120 words)

Festival Of Punjab



Festival of Odisha



2. Write Past and Past Participle for the given verbs:

| Base Form | Simple Past | Past Participle |
|-----------|-------------|-----------------|
| eat | ate | eaten |
| drink | | |
| swim | | |
| ring | | |
| buy | | |
| bring | | |
| catch | | |
| sing | | |

| | | |
|--------|--|--|
| go | | |
| give | | |
| sell | | |
| call | | |
| fall | | |
| begin | | |
| arrive | | |
| colour | | |
| put | | |
| cut | | |
| shut | | |
| cost | | |
| laugh | | |

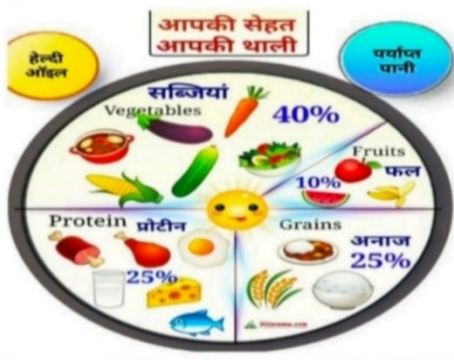
3. Read Course Book Chapter-Lakshadweep .Underline difficult words and write their meanings. Frame sentences of any ten words.

HINDI

निर्देश : i) कार्य सुंदर एवं स्पष्ट लेखनी में करें ।

ii) परियोजना कार्य दिए गए निर्देशों के अनुसार करें ।

1 .



1. संतुलित आहार स्वस्थ मनुष्य स्लोगन की धार पर एक स्वस्थ व्यक्ति को संतुलित आहार की आवश्यकता होती है तो आज की युवा पीढ़ी संतुलित आहार न अपना कर अपने साथ खिलवाड़ रही है अतः एक स्वस्थ मनुष्य के लिए कितना और कौन सा संतुलित आहार आवश्यक है उस की सूची चित्र सहित बनाएँ ।

2 . दिए गए लिंक की सहायता से A 4 साइज़ शीट पर स्वनिर्मित एक समाचार पत्र तैयार कीजिए,

जिसमें निम्नलिखित का उल्लेख किया गया हो : (<https://youtu.be/qsinaSb9FuY>)

* ज्ञानवर्धक कविता

* देश-विदेश की रोचक व ज्ञानवर्धक घटनाएँ

* बच्चों का कोना

* विज्ञापन (कोई एक)

3 .कला एकीकृत गतिविधि

*पंजाब के त्योहारों में से अपने पसंदीदा त्योहार पर एक ग्रीटिंग कार्ड बनाएँ (इसे अच्छी तरह से सजाएँ) (अनुक्रमांक : 1 से 20)

*ओडिशा के राष्ट्रीय उद्यानों में से किसी दो की

जानकारी सचित्र एकत्र कर PPT तैयार करें ।

(अनुक्रमांक 21 से 40)

4 . कक्षा में करवाए गए कार्य की दोहराई करें।

MATHS

1. What will we get, if we add -10 to the product of 40 and -12 and then divide the result by -5
2. Write down the pair of the integers whose
 - a) sum is -8
 - b) difference is -20
3. Verify and the property used :
 - a) $-1100 \times (-237) = (-237) \times (-1100)$
 - b) $156 \times 273 - 156 \times (-23)$
4. The temperature at 12 noon was 10° above zero. At what time the temperature will be at 8°C below 0°C , if it decreases at the rate of 2°C ? If it decreases at the rate of 2°C per hour till midnight ,what would be the temperature at mid-night?
5. Simplify
 - (i) $26 + 6\{-44 - (16 - 12)\} \div [3\{14 + (-4) \times 4 - 3 \times (-9)\}]$
 - (ii) $89 + \{6 - (-30(5 + 6)) + 25\}$
 - (iii) $20 + 2[5 \times (6 - 2 \times 4) - 13]$
6. In a class test (+3) marks are given for every correct answer and (-2) marks are given for every incorrect answer and no marks for not attempting any question.
 - (i) Ram scored 20 marks. If he has got 12 correct answers, how many Questions has he attempted incorrectly .
 - (ii) Mohan scores -5 marks in the test though he has written 7 correct answers. How many questions has he attempted incorrectly .
7. Verify that $a \div (b + c) \neq (a \div b) + (a \div c)$ if $a = 3, b = -2, c = 4$
8. Identify true or false statements:
 - (i) 0 is called the multiplicative identity of integers.

- (ii) The smallest negative integer is -1
- (iii) Integers are commutative under division.
- (iv) If an integer is added to its additive inverse, the result is the additive identity of integers.

9. Arrange in descending order : $1/5, 3/7, 7/10$

10. A Square board has its side $3\frac{7}{12}$ cm. Find the perimeter of square.

11. Solve: (i) $5\frac{1}{8} + 3\frac{1}{2} + 2\frac{7}{6}$

(ii) $6\frac{5}{8} - 2\frac{1}{4}$

12. Raju had ₹ 800. He spends $\frac{1}{4}$ of the money on books and $\frac{1}{5}$ of the remaining on a geometry box. Find the fraction of money left with him.

13. Find: (i) $3\frac{1}{5} \div \frac{2}{5}$ (ii) $3\frac{3}{4} \times 4\frac{1}{3}$

14. A piece of cloth of length $11\frac{1}{4}$ m is cut into 9 pieces of equal length. Find the length of each piece.

15. Find the value of :

$$|-185| + |554| - (-1)$$

16. Out of $\frac{5}{6}$ and $\frac{7}{12}$, which is greater and by how much.

17. If $\frac{1}{5}$ of a number is 25, what is the number

18. A man left $\frac{1}{7}$ of his property to his daughter and the remaining part to his sons to be equally divided among them. If the share of each son be double that of the daughter, find the number of sons.

19. Find a) $\frac{5}{4}$ of a month. B) $\frac{5}{8}$ of 216 km

20. What fraction of an hour is 45 minutes?

21. Simplify $4\frac{5}{8} \times \frac{27}{35} \times 7 \times 1\frac{3}{37}$

22. A bucket completely filled with water, weighs 20kg. when $\frac{3}{4}$ of it is filled with water it weighs 16kg. What is the weight of the empty bucket.

23. The product of two integers is -1728. if one of the integer is 12, find the other.

24. Simplify : $(4\frac{9}{25} \div 2\frac{1}{25}) \times (5\frac{7}{15} \div 2\frac{10}{15})$

25. Shyam spent $\frac{7}{9}$ of his time in the morning studying maths and science. He spent $\frac{4}{7}$ of his time studying maths. What fraction of the total time did he spent studying science?

26. Simplify: $5\frac{2}{7} - [3 + \{12\frac{1}{2} - (7 \text{ of } 1\frac{2}{3} \div 1\frac{1}{9} + 1)\}]$

27. In a mess, 250 kg of rice consumed every week. If each person consumed $\frac{5}{2}$ kg of rice per week. How many persons were there in the mess?

28. What should be added to $4\frac{5}{6}$ to get $8\frac{3}{10}$?

29. Find the value of (i) $(-100) \div [(-5) \times (-2) \times (1)]$

ii) $[(-25) \div (-1)] \div [25 \div (-1)]$

30. Reduce a) $60/72$. B) $72/96$ to the lowest terms.

LAB MANUAL: Do lab manual activity number 1 in lab manual.

AIL ACTIVITY

Make a project file on the topic 'Total population of Punjab and Odisha'

Write total population of Punjab and Odisha. Make a table of Male and female Population of Punjab and Odisha for the year 2001, 2011 and 2021. Draw bar graphs showing Male and female literacy of Punjab and Odisha.

Note: Do the Assignment on loose sheets.

SCIENCE

I. Do question no 1 to 10 in your science notebook.

1. A simple pendulum takes 32 seconds to complete 20 oscillations. what is the time period of the pendulum ?
2. Use the formula given below to calculate the speed of a car if it covers a distance of 150 km in 3 hours.
[Formula :- Speed = Distance/ Time]
3. A train is travelling at a speed of 16 km per hour it takes 15 hours to cover the distance from a city A to B. Find the distance between the two cities.
4. How much time does a bus takes if it is moving with the speed of 80 km per hour and cover the distance of 250 km?
5. Write SI unit of the following:-
 - i. Time
 - ii. Distance
 - iii. Speed
6. Convert to 24 hour method time:-
 - i. 3:15 pm
 - ii. 5:00 pm
 - iii. 9:30 pm
 - iv. 7:00am
7. What are quarts clock?
8. Classify the following as straight circular random and oscillatory motion:-
 - i. Motion of our hand while running
 - ii. Motion of earth around Sun

- iii. Train moving on a straight bridge
 - iv. Motion of housefly in the air
9. How do we know an object is moving faster as compared to the speed of another object?
10. Convert 180 km/hr into m/s.
[Formula = $\text{km/hr} \times \frac{5}{18}$]
- II. **Lab manual** :- Write down the following experiment in science lab manual.
Pg. no – 18,19, 11, 13, 25, 14, 16 and 21
 - III. **ALL activity** :- Make a file on comparison between famous fabric and textile industries of Punjab and Odisha.
Roll no – 1-15 (famous fabric of Punjab and Odisha)
Roll no – 16 onwards (famous textile industries of Punjab and Odisha)

SOCIAL SCIENCE

Note: (Project should be in the form of file)

1. Prepare a Project on the State government of Punjab and Odisha after a complete research. Students should cover the following aspects:

i. Key Points : The party in Power , The party in opposition, Leader of the opposition, MLA of your constituency, Chief Minister, Speaker of the house, main duties and obligations of different authorities at state level , Any four services provided by the government.

ii . Collect and paste the pictures from newspaper, magazine or internet.

2. Study the table of the Assembly Election in Punjab and answer the following questions.

A. Results of the Assembly Elections in Punjab in 2022

Political Party

Number of Elected MLAs Elected

A. Bharatiya Janta Party (BJP)

B. Indian National Congress(INC)

C. Aam Admi Party (AAP).

D. Other Political parties

i. How many constituencies are there in Punjab?

ii. Which party has won the maximum seats?

iii. Which party should form the government?

iv. Which party/ parties should form the opposition?

v. Who invites the parties to form the government?

vi. Who are independent Candidates?

3. Identify the Mughal Emperor:

i. Defeated Ibrahim Lodhi _____

ii. Faced rebellion of the Sikhs. _____

iii. Built Agra. _____

iv. Defeated by Sher Khan _____

v. Built Taj Mahal. _____

vi. Married Nur Jahan _____

vii. Known as Prince Salim _____

viii. Imprisoned in Agra _____

ix. Defeated Rana Sanga _____.

x. Became emperor at the age of 13 years _____

4. Do these pages of map skill.

Page number 4, 6, 8, 10, 20, 38, 40.

PUNJABI

1. ਹੇਠਾਂ ਲਿਖੇ ਅਨੁਸਾਰ ਉੱਤਰ ਲਿਖੋ (ਪੰਜਾਬ, ਨਦੀ ਦੀ ਆਤਮਕਥਾ, ਵਿਆਕਰਨ ਅਤੇ ਲਿਪੀ)

(i) ਸ਼ਬਦ ਅਰਥ:- ਹਲੀਮੀ, ਨਿਰਮਲ (2M)

(ii) ਵਾਕ ਬਣਾਓ:- ਫੈਕਟਰੀਆਂ (1M)

(iii) ਖਾਲੀ ਥਾਵਾਂ ਭਰੋ:- (3M)

(ੳ) ਵਰਨਾਂ, ਲਗਾਂ ਤੇ ਲਗਾਖਰਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ _____ ਤੋਂ ਮਿਲਦੀ ਹੈ।

(ਅ) ' ਪੰਜਾਬ ' ਕਵਿਤਾ ਦੇ ਕਵੀ ਦਾ ਨਾਮ _____ ਹੈ।

(ੲ) ' ਖਲਕਤ ਦੀ ਅੱਗ ' ਤੋਂ ਭਾਵ _____ ਹੈ।

(iv) ਪ੍ਰਸ਼ਨ/ਉੱਤਰ:- (ਇੱਕ ਸ਼ਬਦ ਜਾਂ ਇੱਕ ਵਾਕ) (4M)

(ੳ) ਵਿਆਕਰਨ ਤੋਂ ਕੀ ਭਾਵ ਹੈ ?

(ਅ) ਵਿਆਕਰਨ ਦੇ ਕੋਈ ਦੋ ਭਾਗਾਂ ਦੇ ਨਾਮ ਲਿਖੋ।

(ੲ) ਪੰਜਾਬੀਆਂ ਬਾਰੇ ਕਵੀ ਕੀ ਲਿਖਦਾ ਹੈ ?

(ਸ) ਨਦੀਆਂ ਦਾ ਜਨਮ ਕਿੱਥੋਂ ਹੁੰਦਾ ਹੈ ?

2. ' ਸਫ਼ਲਤਾ ਦਾ ਭੇਤ ' ਪਾਠ ਪੜ੍ਹ ਕੇ ਅਭਿਆਸ (Back ex.) ਤੋਂ ਬਿਨਾਂ ਪੰਜ ਪ੍ਰਸ਼ਨ ਆਪ ਬਣਾ ਕੇ ਉਹਨਾਂ ਦੇ ਉੱਤਰ (1M) ਲਿਖੋ। (5M)

3. ਦ੍ਰਿਸ਼ ਵਰਨਣ (5M)

ਉਤੀਸ਼ਾ



ਪੰਜਾਬ



ਨੋਟ:- (i) ਸਾਰਾ ਕੰਮ ਵੱਖਰੇ ਪੇਪਰਾਂ ਉੱਤੇ ਕਰਕੇ ਫਾਈਲ ਵਿੱਚ ਰੱਖੋ ।

(ii) ਜਮਾਤ ਵਿੱਚ ਕੀਤੇ ਗਏ ਕੰਮ ਦੀ ਦੁਹਰਾਈ ਕਰੋ ।

COMPUTER

1. Make a PowerPoint presentation consisting of 5 to 6 slides which include introduction slide, network types, network topologies, communication channels (cables) and protocols. . Take a printout on only one page (File – print – settings – change *full page slides* to 6 slides vertical or 6 slides horizontal). Paste in Computer notebook.
2. Make a poster on “languages spoken in Odisha” in MS Word (or any other word processing software), take a print out and paste in Computer notebook.

General Knowledge

A. Work to be done on GK notebook:

Ch- 10

Plant Quiz

1. What are the three ingredients needed for photosynthesis?

Ans. CO₂, water, sunlight

2. What type of trees loose their leaves each year?

Ans. Deciduous

3. What do pine cones contain?

Ans. Seeds

4. What is biennial reproduction?

Ans. Every two years

5. Why does a cactus have spiky leaves?

Ans. To reduce evaporation

6. What are the names of male and female parts of plant?

Ans. Stamens and Stigma

7. What are seedless plants called?

Ans. Pteridophytes (Cryptogams)

8. What grain has the highest level of worldwide production?

Ans. Maize

9. What is scientific study of plant life called?

Ans. Botany

10. Green coloured vegetables are rich source of which vitamin?

Ans. Vitamin A

Ch - 11

Indian Music

1. Name one Indian string instrument.

Ans. Sitar

2. Which instrument does Zakir Hussain play?

Ans. Tabla

3. Which playback singer has been awarded with the Bharat Ratna?

Ans. Lata Mangeshkar

4. Who composed the opening theme music of Doordarshan?

Ans. Pt. Ravishankar

5. An excessive fondness of music is called _____.

Ans. Melomania

6. In which field did Dr. M.S. Subbulakshmi has distinguished herself?

Ans. Vocal Music

B. Write the answers of the following questions:

1. When you're asleep, which is the one active body part?

Ans.

2. What is the parliament of China called?

Ans.

3. Which Indian state has the longest coastline?

Ans.

4. How many bones and teeth do adult shark have?

Ans.

5. Who is the founder of ISRO?

Ans.

6. How many total time zones are there in the world?

Ans.

7. What is a tall chef's hat called?

Ans.

8. What is the full form of 'GPS'?

Ans.

9. What comes after a trillion?

Ans.

10. Who is known as the 'Missile Man of India?' Write his full name.

Ans.

11. Which is the saltiest ocean in the world?

Ans.

12. Which is the main substance used to make a crayon?

Ans.

13. What is the hardest substance in our body?

Ans.

14. What is the name of the acid found in lemons?

Ans.

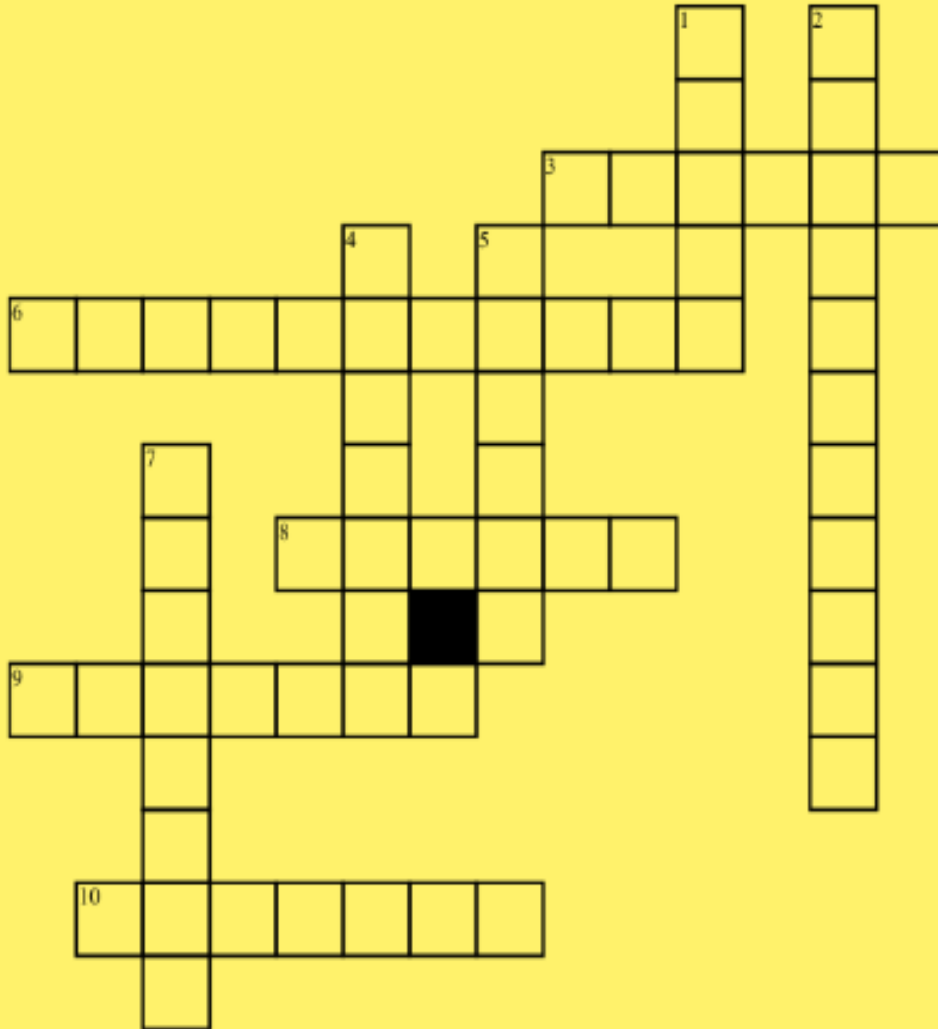
15. What is the common name of sodium carbonate?

Ans.

C. Solve the CROSSWORD given below:

Name: _____ Date: _____

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