BHRIGU PRABHA CENTRAL SCHOOL

HANSRAJPUR, EKMA, SARAN

2024-25 SESSION

SUMMER VACATION

HOMEWORK CLASS-VIII

www.bpcsekma.com

bpcsekma@gmail.com

Dear Students

BHRIGU PRABHA CENTRAL SCHOOL
HANSRAJPUR, EKMA, SARAN

CLASS-VIII
SUMMER VACATION HOME WORK 2024-25

Dear Students

Summer Vacation is a welcome break but .... Good Habits and Good Manners are life long assets and manners must be practiced until they become a habit.

Four magic words that are basics of good manners are – Please, Thank you, Excuse me and Sorry. Make these four words a habit and see the difference.

Try to practice theses manner –

Manners :

At home **:**

- Help to keep the house clean especially the areas you use. Clear the toys, books or crafts that remain after you have finished.
- Honesty is the best policy. Tell the truth at all times.
- Be polite.
- Share the T.V. time. So not sit too close while watching T.V.
- Be fair with your friends, brothers and sisters.
- Be responsible.

At the dining table **:**

- Take small helping and refill, clean your plate up.
- Take small bites, eat neatly, slowly with your mouth closed.
- Help to clear the table and clean up.

In the park **:**

- Littering makes the park untidy.
- Destroying the plants or plucking the flowers will spoil the beauty.
- Wait for your turn on swing and slides.

At a party **:**

- Wish the host.
- Don't mess up somebody's house.

While shopping **:**

- Softly ask your parent for what you want. If refused, don't throw a tantrum.
- Be careful, don't touch any breakable item.

On the telephone **:**

- If there are no elders around, don't let the phone ring long, answer it.
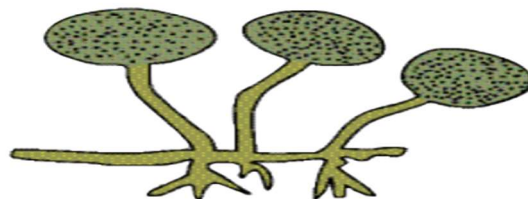- Talk softly when someone is speaking on the phone and don't interrupt.

Hygiene :

- **Brush your teeth twice a day.**
- **Do trim your nails often.**
- **Do not waste water and electricity.**
- **Keep your surroundings and environment clean. It is bad habit to throw things out of the window, car or a balcony.**
- **Make friends having good habits who respect their elders and use good language.**

ASSIGNMENT AND SPECIAL ASSIGNMENT FOR THE SESSION 2024-2025

SCIENCE

1. Why milk takes a long time to form curd during winter?
2. Name five major groups of micro-organisms.
3. Explain nitrogen fixation.
4. What are decomposers and in what way do they serve us?
5. What do you understand by septic formation?
6. What is fermentation? How does it serve the industry?
7. How do vaccines work?
8. How can we prevent the following diseases?

     (a) Cholera   (b) Typhoid   (c) Hepatitis A
9. Observe the Figure given below and answer the following questions.

(a) Name the microorganism and the group to which it belongs.

(b) Name the food item on which the organism grows.

(c) Does it grow well in dry or in moist conditions?

(d) Is it safe to eat infected bread?

10. Make a herbarium of a locally available crop plant.

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S.ST.
History (Section-A)

1. Study the history of your school and prepare a project on it.
2. Write about following topics.
   a. Subsidiary   b. Doctrine of lapse
   c. Regulating Act of 1773   d. Battle of Plessey
3. Name the areas where Ryotwari system, Permanent settlement and Mahalwari system were introduced.
4. What was the concept of dual government?
5. What led to the battle of Buxar? What was its result?
6. What are the problems in your opinion faced by the people employed in non-farm activities?

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Geography (Section-B)

1. Define:-
   a. Metallic Minerals   b. Non – Metallic Minerals
   c. Extraction of minerals
2. List at least ten ways by which you can conserve water.
3. What is landslide?
4. What is Industrial pollution?
5. How can you conserves nature resources in your daily life?

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Civics (Section-C)

1. What is Secularism?
2. Write down the features of Indian Secularism.
3. What is Constitution?
4. List fundamental Duties given in the constitution.
5. List the important functions of election commission.

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COMPUTER

1. What is computer Network? List any four advantages of computer network.
2. Explain the following elements of network.
   (a) Server   (b) Router   (c) Workstation
   (d) Unordered list (e) Start attribute (f) CSS list properties
3. What is the difference between hub and switch?
4. Write their full from.
   (a) LAN   (b) MAN   (c) ISP   (d) CAN
5. What is the difference between Container tag and Empty tag
6. Do fair up to Ch – 2.
7. Remember Ch – 1, Ch -2 (Que – Ans) objective and subjective.
8. Write 20 Shortcut keys.
9. Read and understand Ch- 1 and Ch – 2.
10. Create a webpage on Natural Resources using description list.

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G.K.

1. Define the following terms.
   a. The Group of 20
   b. Nobel Prize
   c. E-learning

d.   Ecotourism

e.   Virtual Assistant

f.   E – commerce

g.   Virtual private network

h.   Constitution

2.   Remember Ch – 1 to Ch – 8

3.   Read and understand Ch – 1 to Ch – 8

4.   Complete fair. (Important topics of every chapter)

5.   Remember cabinet ministers.

6.   Write 20 cabinet ministers with ministry.

7.   Remember Current 10 Head of departments in India.

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MATHs

1.   What should be subtracted from $\frac{-2}{3}$ to get $\frac{-1}{3}$.

2.   Fill in the blanks;

     (i) $\frac{25}{8} \div$ (-------) = -10

     (ii) (-1) + (-----) = $\frac{-2}{3}$

3.   Find x;

     $5^{2x+1} \div 25 = 125$

4.   Find five rational number between $\frac{2}{3}$ and $\frac{3}{4}$.

5.   Simplify;

     $\dfrac{5 \times 5^{3(n+1)} + 5^2 \times 5^{3n-}}{8 \times 5^{3n} - 5 \times (5^3)^n}$

6.   Mass of the earth is (5.97×10^{24}) kg and mass of moon is (7.35×10^{22}) kg. What is the total mass?

7.   Find $\sqrt{\dfrac{277729}{474721}}$ =?

8.   Find the least square number which is exactly divisible by each of the numbers 6, 9, 15 and 20.

9. Evaluate $\sqrt{2.8}$ correct up to three decimal places.

10. Which of the following is a Pythagorean triplet?

    (a) (2, 3, 5)   (b) (5, 7, 9)   (c) (6, 9, 11)   (d) (8, 15, 17)

11. By what least number should 648 be multiplied to get a perfect cube?

    (a) 3   (b) 6   (c) 9   (d) 8

12. The distance between two station is 300 km. Two motorcyclist starts from these stations and move towards each other. The speed of one of them is 7 km/h more than that of other. If the distance between them after 2 hours of their start is 34 km. Find the speed of each motorcyclist.

13. Find the smallest number by which 1323 must be multiplied so that the product is a perfect cube.

14. Find all possible values of y for which the number 53y1 is divisible by 3. Also find each such number.

15. Divide;

    $(8x^4 + 1 - 4x - 5x^2 + 10x^3)$ by $(-1 + x + 2x^2)$

16. If $a^2 + \dfrac{1}{a^2} = 27$, find the value of $(a^3 - \dfrac{1}{a^3})$

    (a) 120   (b) 140   (c) 100   (d) 110

17. If $x - \dfrac{1}{x} = 3$ then find, $\dfrac{x}{x^2+1}$

    (a) 9   (b) $\dfrac{1}{3}$ (c) 13   (d) $\dfrac{1}{\sqrt{13}}$

18. Simplify;

    $\dfrac{3p^2 - 15p^3q}{12p^2q}$

    (a) $\dfrac{1-5q}{40q}$ (b) $\dfrac{1-5q}{4q}$ (c) $\dfrac{1-5pq}{4q}$ (d) $\dfrac{1-5pq}{4p^2q}$

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HINDI

1. 'मुर्दा शरीर में नए प्राण' के माध्यम से कवि क्या संदेश देना चाहते है?

2. शामू को काकी के बारे में पड़ोस के बालकों से क्या पता चला और उसका उसपर क्या प्रभाव पड़ा?

3. 'सादगी एक प्रकार का अनोखा दर्पण है।' लेखक ने ऐसा क्यों कहा है?

4. सोमनाथ के निर्दोष साबित होने पर पंचों ने क्या किया?

5. आपके मोहल्ले में आए दिन चोरियाँ हो रही हैं। उनकी रोकथाम के लिए थानाध्यक्ष को गश्त बढाने हेतु पत्र लिखिए।

6. निम्नलिखित संकेत बिंदुओ के आधार पर विद्यार्थी जीवन पर 120 शब्दों में एक अनुच्छेद लिखिए।

   संकेत बिंदु

   ➢ विद्यार्थी जीवन का अर्थ

   ➢ विद्यार्थ के कर्तव्य

   ➢ आधुनिक संदर्भ में विद्यार्थी की भूमिका

7. परिश्रम ही सफलता की कुंजी है।'' इस विषय को आधार बनाकर एक लघुकथा की रचना कीजिए तथा सीख भी लिखिए।

8. भाषा से क्या तात्पर्य है? भाषा और लिपि में क्या संबंध है? तर्कपूर्ण उत्तर दीजिए।

9. हिन्दी पाठ में वर्णित शब्द – भंडार कंठस्थ कीजिए। (पाठ – 1 से 5 तक)

10. 'नव वर्ष' कविता कंठस्थ कीजिए।

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English

1. Answer the following questions on the basis of your understanding of the passage

   Read the following comprehension carefully and answer the given questions:

   About the year 1900, a small, dark-haired boy named Charles Chaplin was often seen waiting outside the back entrances of London theatres. He looked thin and hungry but his blue eyes were determined. He was hoping to get work in show business. He could sing and dance. His parents were music-hall

performers and he had been born into the life of the theatre. And, although his own boyhood was painfully hard, he knew how to make people laugh.

His own father had died from drinking too much. And his mother was not really able to look after Charles and his older half-brother, Sid. She was often sick in mind and had to be sent into hospital.

Choose the right option.

Q 1) The boy Charles Chaplin was _____.
   a) Brown-haired
   b) Dark-haired
   c) Red-haired
   d) Light-haired

Q 2) Chaplin thought to get a job in _____.
   a) Soap business
   b) Hotel business
   c) Show business
   d) Hospital business

Q 3) His parents were _____.
   a) Music-hall performers
   b) Actors
   c) Singers
   d) Directors

Q 4) His father had died due to _____.
   a) An illness
   b) Accident
   c) Drinking
   d) Suicide

Q 5) The meaning of 'determined' is _____.
   a) Mind made up

b) Mind turn up
c) Mind fade up
d) Mind turn down

2. You are Ishita, the head girl of P.G. Model School. The school has decided to conduct their annual program on 26th December 2020 at Talkatora Stadium, New Delhi. Activities like dancing competitions, Spell Bees, singing competitions, and drawing competitions will be a part of the event. Write a notice for all the students of Class 5th to Class 12th informing them about the event.

3. You are Rakhi of Class 8th B. While going for your sports period you found a lunch box lying on the stairs. You have kept the lunch box to return it to whoever it belongs to. Write a notice for all the students informing them about this issue.

4. In the passage given below, there is an error in each line the space provided and then write the correct word.
    Nobody deny the fact that recreation is

    Incorrect correct   Correct
    a.   _____   _____
    As important in life as work. All work or no
    Incorrect correct   Correct
    b.   _____   _____
    Play, makes life dull and boring. Life could lose
    Incorrect correct   Correct
    c.   _____   _____
    Its charm, any amusement in it. That is
    Incorrect correct   Correct
    d.   _____   _____
    Why recreation have always been an important
    Incorrect correct   Correct

e. _____   _____

Part of human activity. Cinema are the most modern

Incorrect correct   Correct

f. _____   _____

And the most popular form in entertainment.

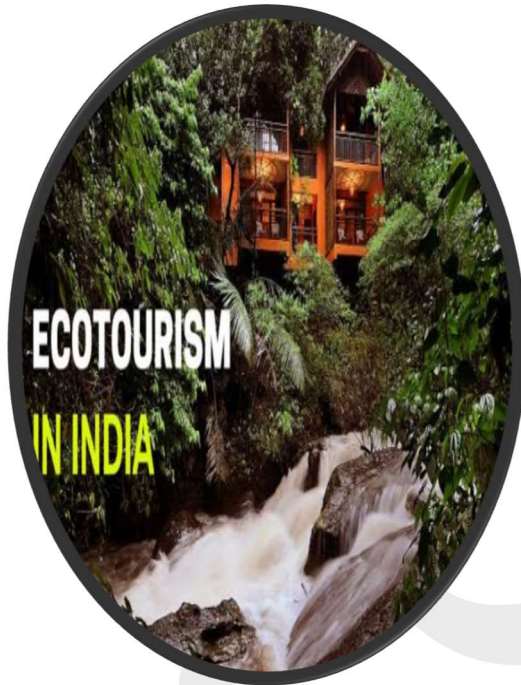Incorrect correct   Correct

G. _____   _____

5. Write a complete precautionary measures for Road safety in 50 words to avoid accidents .

6. Answer the following questions in your own words :-

i) Who was Moby Dick and what did it do ?

ii) What kind of advice was given to the mice about the room?

iii) How did the grandmother finally learn to read the novels?

iv) What is the role of education in the life of a human being Elucidated this statement in 80- 100-120 words.

v) Why could the grandmother never go to school?

vi) What is the theme of the poem "The mouse and the Snake"?

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Note/Suggestion :-

- ➢ **It is suggested to all the students that you must make a fair copy of your prescribed subject. The handwriting should be beautiful and clear.**
- ➢ **Be sure to practice Que. & Ans. of all the chapters in your fair copy.**

ENJOY SUMMER VACATION

ECOTOURISM IN INDIA

BIHAR GLASS BRIDGE

Have a nice summer vacation, visit all the places and enjoy great moments each day. Happy Summer Holidays.

Thank you