WINTER BREAK HOME WORK

CLASS – VIII, 2023-24

ENGLISH

- ➢ Use a chart paper and draw /paste pics of Sports Personalities of Haryana and Manipur, Make it colourful and creative.
- ➢ NOTE: INSERT ALL THE SHEETS IN A FOLDER with a cover page bearing the required details
  (Submitted By : ………….., Teacher in-charge :……………etc.)

- ➢ Revise the syllabus for PT2.
- ➢ Do the given Worksheet:

- ➢ *REMEMBER : Verbs that take an object are called transitive verbs. Verbs that do not have an object are called intransitive verbs.*

Examples are given below.

He spoke eloquently.
Here the verb spoke is used intransitively because it does not have an object.

He put the book on the table.
Here the verb put is used transitively because it has an object – the book.

Most verbs in English can be used both transitively and intransitively.

Name the verbs in the following sentences and state whether they are used transitively or intransitively. If the verb is transitive, name the object.

1. The sun shines brightly.
2. The boy killed the spider.
3. The explosion sank the ship.
4. The ship sank rapidly.
5. An old beggar stood at the gate.
6. Some ants fight very fiercely.

7. He spoke the truth.
8. Time heals all wounds.
9. The dog ran after me.
10. The snake bit the man.
11. He stopped abruptly.
12. The bell rang loudly.
13. The marathon runners ran slowly initially.
14. Who gave Jiten the letter ?
15. We should breathe fresh air.
16. The priest read out a long sermon.
17. Mr. Salmon narrated the script to the movie star.
18. Will the weather be sunny tomorrow ?
19. Robila was tired after the jog.
20. Someone ate my porridge and ran away cried Goldie.
21. Bankim Chandra Chattyopadhyay wrote our national song.

➢ Practise the sentences using the given link , write in the notebook:

https://www.studiestoday.com/useful-resources-english-cbse-class-8-english-grammar-active-and-passive-voice-236904.html

HINDI

1. 'मणिपुर और हरियाणा' के इतिहास से किन्हीं 3-3 राजाओं के का चुनाव करके, उनके योगदान और महत्त्व को बताइए।

2. PT-2 के पाठ्यक्रम का अभ्यास व पुनरावृत्ति करें।

3. कार्यपत्रिका(पाँच) उत्तर पुस्तिका में हल कीजिए।

   क. बाज़ और साँप

   ख. पानी की कहानी

   ग.   अकबरी लोटा

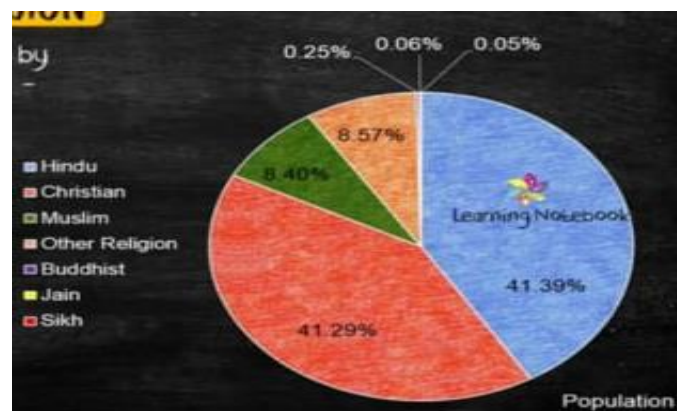(कार्यपत्रिका पुस्तिका से उक्त पाठ की कार्यपत्रिकाओं को हल करें।)

MATHEMATICS

Class VIII

1. Project Work

Agriculture, forestry, and fishing of Manipur.

Agriculture and forestry are the main sources of income. Rice is the major crop, and the rich soil also supports corn (maize), sugarcane, mustard, tobacco, orchard fruits, and pulses (legumes). Terracing is common in the hills, where the farmers plow the ground with hand hoes. Among some of the hill tribes, domestic animals are kept only for meat and are not milked or used for hauling. Teak and bamboo are major forestry products. The Nagas are known to use intoxicants to catch fish.

Explain the Agriculture, forestry, and fishing of Manipur with Statistical facts on A-4 sheet using PIE CHARTS. Some examples are given below.

2. Revise Chapter Algebraic Expressions and Mensuration and solve the following worksheet

Worksheet

Algebraic Expressions

Fill In The Blanks

1. The number of terms in the product of $(3x^2 + 6xy + 5y^2)$ and $(3x + 4y - 13)$ is ……………….. .
2. In the product of $(4a^3 + 5a^2 - 11a)$ and $(-15 + 3a - 7a^2)$, the co-efficient of a^4 is …………………… .
3. The value of $(3a - 4b + 2) \times (5a + 6)$ for $a = 1$ and $b = -2$ is ……………… .
4. The value of $\dfrac{(67.542)^2 - (32.458)^2}{75.458 - 40.374}$ is ………………. .

True(T) Or False(F)

1. If, $a + \dfrac{1}{a} = 7$, then $a^2 + \dfrac{1}{a^2} = 49$
2. The product of a binomial and a trinomial will always have 5 terms.
3. $(3x^2 + 5y^2) \times (5x^5 + 8y^3) = 15x^7 + 24x^2y^3 + 25x^5y^2 + 40y^5$

Very Short Answer Type Questions

1. What are the co-efficients of y in the expression $4x - 3y$?
2. What is the statement for the expression $3mn + 5$
3. What is the numerical co-efficient of y^2 in the expression $2x^2y - 15xy^2 + 7y$
4. What must be subtracted from $2a + b$ to get $2a - b$.
5. What must be added to $3x + y$ to get $2x + 3y$?
6. What should be value of 'a' if $y^2 + y - a$ equals to 3 for $y = 1$?

Short Answer Type Questions

1. What must be added to $7z^3 - 11z^2 - 129$ to get $5z^2 + 7z - 92$?
2. If $(3x - 5y) = 10$ and $xy = 5$, then find the value of $9x^2 + 25y^2$.
3. If $x + y = 9$ and $xy = 14$, find $x^2 - y^2$.
4. If $3x + 2y = 12$ and $xy = 6$, find the value of $9x^2 + 4y^2$.

Long Answer Type Questions

1. Given $(x^2 + y^2) = 74$ and $xy = 35$, find the value of $x + y$ and $x - y$.
2. If $x + \dfrac{1}{x} = 4$, find the value of $\left(x^2 + \dfrac{1}{x^2}\right)$ and $\left(x^4 + \dfrac{1}{x^4}\right)$.
3. Using suitable identities evaluate the following:
(i) $(93)^2$
(ii) $(12.5)^2 - (7.5)^2$
(iii) 93×109

Mensuration

Fill In The Blanks

1. The area of a rhombus whose diagonals are of length 8 cm and 5 cm is …………….. .
2. Curved surface area of a cylinder having radius 'r' and height 'h' is ……………… .
3. The side of a cube whose surface area is 294 cm^2, is ……………….. .
4. The capacity of a cube of edge 10 cm is ……………… .
5. 10000 cm^3 = ……………… liters.

True(T) Or False(F)

1. Every rectangle is a square.
2. Diagonals of a rhombus bisect at right angles.
3. Every rectangle is a parallelogram.
4. Both diagonals of a parallelogram are equal.
5. Rhombus is a parallelogram with all sides equal.

Very Short Answer Type Questions

1. Find the area and perimeter of the rectangle having length = 15 cm and breadth = 11 cm.
2. Find the area of a parallelogram with base 5.2 cm and height 2 cm.
3. The area of a triangle of height 13 m is 507 m^2. Find its base.
4. The edge of a cube is 24 cm. How many cubes of 8 cm side can be formed from this cube?
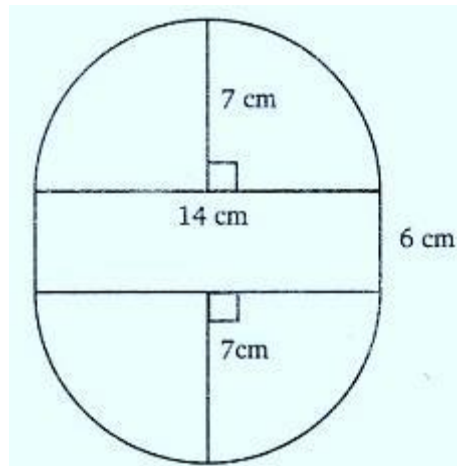5. Find the volume of the cylinder whose base diameter is 14 cm and height is 10 cm.

6. The diameter of a garden roller is 2 m and it is 3 m long. How much area will it cover 5 revolutions?

Short Answer Type Questions

1. Area of a rhombus is 24 cm². If one of its diagonal is 6 cm then its perimeter is ………… cm.
2. A cylindrical tower is 5 m in diameter and 14 m. Find the cost of painting its curved surface at ,Rs. 25 per m².
3. The internal dimensions of a hall are in the ratio 7 : 5 : 3. If the volume of the room is 2835 m², then find then length of the hall.
4. Wheel of a cycle with diameter 56 cm completes 100 revolutions to reach the destination. Find the total distance covered.

Long Answer Type Questions

1. What is the perimeter of the figure.

2. Two cylinders have the same radii of bases if their heights are 15 cm and 25 cm, then find the ratio of their volumes.
3. The ratio of radii of two spheres is 1 : 3
(a) What is the ratio of their volumes?
(b) What is ther ratio of their surface areas?

SCIENCE

★ Make a collage comparing the Fauna of Haryana and Manipur.
★ Revise PT - 2 syllabus.

SOCIAL SCIENCE

➢ Draw and Sketch the Geographical, cultural and Historical landscape of Manipur and Haryana.

> Capture a time lapse video of both the drawings and narrate some fats in background about the given states.
> Upload video on YouTube and share the link with your Class Incharge and Subject Teacher.

Revise PT – 2 Syllabus

SANSKRIT

- परियोजना – हरियाणा एवं मणिपुर के किसी प्रसिद्ध मंदिर के बारे में जनाकारी प्राप्त करें उसकी इमारत की संरचना का वर्णन करते हुए संस्कृत भाषा में पाँच वाक्य लिखें |
- PT–2 के पाठ्यक्रम की अभ्यास सहित पुनरावृत्ति करें |
- दी गई कार्यपत्रिका के प्रश्न नोटबुक में करें |