

GREEN MOUNT GLOBAL SCHOOL, BHIMTAL
HOME WORK FOR WINTER BREAK (2024-25)

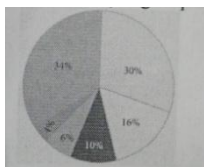
Class- VIII

ENGLISH –

- 1 Write a short paragraph on 'Trees: Our Best Friends' in about 100 words.
Hints:- Greatest blessing
 - Provide food medicine, raw material, environment clean
 - temperature down, preserve fertility
 - demand nothing
- 2 How do moral values affect a student's life?
- 3 Prepare a video of 2 minutes on any memorable trip that you enjoyed with your family.
- 4 Write a biographical sketch of Bhagat Singh.
- 5 Design a poster on A4 or A3 size promoting the reduction of plastic usage and the importance of recycling.
- 6 Read the following books and write their summary
 - i) David Copperfield
 - ii) Heidi
- 7 Read a book 'The Sleeping Beauty in the Woods' and write a short paragraph that why she was cursed to sleep for a hundred years by an evil fairy ?

MATHEMATICS –

- 1 Solve the equation- $\frac{1}{z-1} + \frac{2}{z-2} = \frac{3}{z-4}$
- 2 An open water tank of dimensions 40 m x 20m x 12 m needs to be tiled with tiles of dimensions 30 cm x 30 cm. If one tile cost ₹ 10.5, find the total cost of tiling.
- 3 Draw a 3*3 grid, write a, b and c along the horizontal and vertical axis. Find the area of all the boxes and write in the grid and find the area of square (3*3grid).(A4 sheet)
- 4 Write all identities and all formulas for cube, cuboid and cylinder with their diagram (in a chart paper)
- 5 Write all laws of exponents with example. (A4 sheet)
- 6 Given below a pie chart showing the time spent by a group of 350 children in different games.



Observe it and answer the following questions:

- a) How many children spend at least one hour in playing games?
- b) How many children spend more than two hours in playing games?
- c) How many children spend 3 or lesser hours in playing games?
- d) Which is greater number of children who spend 2 hours or more per day or number of children who play for less than one hour?

SCIENCE–

- 1 It is difficult to burn a heap of green leaves but dry leaves catch fire easily. Why?
- 2 Which determines the sex of child – chromosome of egg or chromosome of sperm? Justify.
- 3 Show a Male or Female endocrine system using different coloured papers showing each gland and mention the hormones secreted by them.
- 4 Prepare a chart on the life cycle of an animal showing metamorphous?
- 5 Define- a) Cloning b) Binary fission c) Puberty d) Tectonic plates
- 6 Comment on- Amniocentesis (technique used for the identification of sex of an inborn child) is harmful for Indian society.

SOCIAL SCIENCE–

- 1 Define-
 - a) Sanitation
 - b) PIL
 - c) Orientalists
 - d) Marginalistaion
- 2 Draw a map of India and mark the following-
 - a) All the important centers of the Revolt of 1857.
 - b) Important iron and steel industries
- 3 Draw a model and show ancient and modern life of India.

- 4 Mahatma Gandhi's and Tagore's view on the Western education were in contrast to each other. How?
- 5 On a chart paper draw all the branches of Indian Government.
- 6 Prepare a project on Judiciary of India including the following points-
 - a) Different branches of Judiciary
 - b) Different types of laws in India
 - c) Importance of judiciary.

HINDI –

- 1 किसी एक विषय पर अनुच्छेद लिखिए:-
मित्र -एक अनमोल रत्न
आओ मिलकर नया वर्ष मनाए।
- 2 नीचे लिखे संकेत बिंदुओं को ध्यान में रखकर अपने छोटे भाई को समझाते हुए पत्र लिखिए।
जीवन में सच्चे मित्र का महत्व।
जो प्रतिकूल परिस्थिति में आपका साथ दे।
जो आगे बढ़ने के लिए आप को प्रेरित करें।
- 3 निम्नलिखित में से किसी एक विषय पर पोस्टर तैयार कीजिए।
नारी को पढ़ाना है देश को आगे बढ़ाना है।
पर्यावरण संरक्षण
- 5 पाठ्य पुस्तक बसंतमें दी गई कोई दो कविताएं याद करके A4 साइज पेज में लिखिए।
- 6 अपने शीतकालीन अवकाश में बिताए हुए दिनों को डायरी लेखन के रूप में लिखिए।
- 7 अपने छोटे भाई को वार्षिक परीक्षा की तैयारी के लिए कुछ सुझाव देते हुए पत्र लिखिए।

COMPUTER –

- 1 What is the difference between the interactive mode and the Script mode of Python?
- 2 Draw a flow chart and write syntax of *if_else* statement in python.
- 3 What is the difference between the following statements-
a=10 and a==10
- 4 Draw a conditional flow chart to find the greatest number among 3 integers.
- 5 How do you input an integer and a character in python?
- 6 "Mitra' and 'IRA 2.0' are two robots made in India. Create a Power Point Presentation of these robots. Include the following points in your presentation:
 - a) Introduction
 - b) Their functions
 - c) Foreign key
 - d) Some more examples of such robots
 - e) Where are they used?