

BURN HALL SCHOOL

WINTER HOME WORK (2022)

CLASS: IX (ABC)

Marks: 05 Each Subject

Date of submission: 20 .02.2023

English

TOPICS FOR DEBATE

1. Democracy is the best form of the government.
 2. The voting age should be lowered to 16.
 3. Humans should not eat animals.
 4. Girls face more peer pressure than boys.
- Prepare the above topics for debate. The duration of the speech should be of 3 minutes only.
Roll no: 1 to 28 will prepare for the topic.
Roll no: 29 onwards will prepare against the topic.

Mathematics

❖ **Area of Parallelograms and Triangles**

In this chapter, an attempt has been made to consolidate the knowledge about the formulae to find the areas of different figures by studying relationships between the areas of geometric figures, provided they lie on the same base and between the same parallels. This study will also be useful in understanding some results on the 'similarity of triangles'. The chapter contains 4 exercises, of which most of the questions ask the students to prove the statements given.

Theorem 8.1 – Parallelograms on the same base and between the same parallels are equal in area.

Theorem 8.2 – Two triangles on the same base (or equal bases) and between the same parallels are equal in area.

Theorem 8.3 – Two triangles having the same base (or equal bases) and equal areas lie between the same parallels.

- Exercise 8.1 to Exercise 8.3 (All the questions given in the book)

❖ **Surface Area and Volumes**

In this chapter, students shall learn to find the surface areas and volumes of cuboids and cylinders in detail and broaden the study to some other

solids, such as cones and spheres. This chapter is just an extended version of the chapter mensuration, in which the students learnt about the surface areas and volumes in earlier classes. There are 8 exercises in this chapter, and these exercises contain problems that are based on surface areas and volumes of different solids such as cubes, cuboids, spheres, cylinders, cones, and hemispheres.

- Exercise 12.1 to 12.8 (All the questions given in the book)

Social Studies

HISTORY

Prepare a scrap book of the following historical sites in Kashmir. The photos should necessarily have the student in the foreground. Each historical site photo is to be accompanied by its history and the dates when it was built and by whom of atleast at 100 words

Jamia Masjid, Khankha e Maulah , Pather Masjid at Zainakadal, Aali Masjid at Alijan Road, Gurudwarah Chatti Padshahi, Gurudwarah Shaheed Bunga, Gurudwarah at Ameerakadal, Sharika Bhagwati temple at Hari Parbat, Shankarcharya Temple, Catholic Church at M A Road, Oldest Church of Kashmir at Bolevard,

GEOGRAPHY

On the scrap book write at least 100 words about each of the following Baglihar Project, Uri Project, Kishen Ganga, Dool Hasti Project, Salal Project, with photos accompanying the said projects.

Write extensively atleast about 100 words about the soils of Jammu Kashmir and Ladakh with photos of different agro products grown on these soils.

THE SCRAP BOOKS OF HISTORY AND GEOGRAPHY ARE TO BE NEATLY COVERED AND NAME OF THE STUDENT WITH HIS ROLL NO MENTIONED

Punjabi

੧. ਪੰਜਾਬੀ ਹਵਾਲੇ ਵਿਚਾਰ ਨੂੰ ਕੋਲਿਗ੍ਰਾਫੀ ਵਿਚ ਲਿਖ ਕਰ ਸਜਾਓ |

- ਸਮਾਜ ਨੂੰ ਸੁਧਾਰਨ ਵਿੱਚ ਆਪਣੀ ਭੂਮਿਕਾ ਬਾਰੇ |
- ਨਸ਼ੇ ਦੀ ਦੁਰਵਰਤੋਂ ਬਾਰੇ ਭਾਸਣ ਲਿਖੋ|(੨੦੦-੨੫੦ ਸ਼ਬਦ)

੩. ਇੱਕ ਪੱਤਰ ਰਾਹੀਂ ਆਪਣੇ ਛੋਟੇ ਭਰਾ ਨੂੰ ਪੜ੍ਹਾਈ ਦੀ ਮਹਤਤਾ ਬਾਰੇ ਦਸਦੇ ਹੋਏ ਉਸਨੂੰ ਪੜ੍ਹਾਈ ਲਈ ਪ੍ਰੇਰਿਤ ਕਰੋ |

8. ਅੰਤਮ ਪ੍ਰੀਖਿਆ ਦੇ ਪਾਠਾਂ ਨੂੰ ਪੜ੍ਹੋ ਤੇ ਯਾਦ ਕਰੋ |

Urdu

بحث و مباحثہ (Debate)

۱۔ کامیابی محنت سے ملتی ہے؟

۲۔ شہری اور دیہاتی زندگی۔

۳۔ موبائیل فون کے فائدے اور نقصانات۔

۴۔ انفارمیشن ٹیکنالوجی۔

تمام عنوانات پر واقفیت حاصل کر کے تحریر بھی کریں تاکہ مقابلے کے وقت مواد میسر ہو۔

Science

9th A

Roll no. 1-7 (Working model of Human heart)

Roll no. 8-14 (Working model of Water Cycle)

Roll no. 15-21 (Experiment to demonstrate osmosis (Eggs or Resins)

Roll no. 22-28 (Model of Earthquake alarm)

Roll no. 29-35 (Working Model of water purification system)

Roll no. 36-42 (Data transmission using Li-Fi)

Roll no. 43-49 (making working model of Distillation apparatus.)

Roll no. 50- last one (Working model of structure of atom in the light of Bohr's Model.

9th B

Roll no. 1-7 (Working model of Wind Turbine)

Roll no. 8-14 (Model of Earthquake alarm)

Roll no. 15-21 (Elastic collision of two masses using pool)

Roll no. 22-28 (Working model of Electrolytic Cell)

Roll no. 29-35 (Model of animal cell)

Roll no. 36-42 (Working Model of Biogas plant)

Roll no. 43-49 (Model of Astronomical telescope)

Roll no. 50-last one (Working model of Human Lungs)

9th C

Roll no. 1-7 (Making of solar cell)

Roll no. 8-14 (Working model of kidney.)

Roll no. 15-21 (Working model of quad-copter/Drone)

Roll no. 22-28 (Making an electromagnet)

Roll no. 29-35 (Archimede's screw.)

Roll no. 36-42 (Balloon car)

Roll no. 43-49 (Baking Soda Volcano)

Roll no. 50-last one (Working model of artificial kidneys)

Hindi

क) पढ़ाए गए सभी पाठों की पुनरावृत्ति करें तथा प्रश्न उत्तर याद करें।

ख) अपने क्षेत्र में मनाए जाने वाले कनिष्ठी पांच रीतिरिवाजों से संबंधित बनाए जाने व्यंजनों के बारे में लिखिए।

ग) कहानी एवं उपन्यास में अन्तर स्पष्ट करते हुए एक लेख लिखें।

घ) वदियार्थी के लिए सबसे महत्वपूर्ण क्या है, practical work या theoretical work , पर debate तैयार करें।

ङ) अगरलखित वषियों पर प्रत्येक छात्र केवल एक भाषण (speech) तैयार करें- पेड़ एक वरदान, वज्जान के हानि एवं लाभ, शिक्षा में खेलों का महत्व।

Kashmiri

Boneh kanni dineh aamtyen sawaalan pyeth keriv paneh veene akh tabsureh-

----- بونہ کنہ دنہ آمتین سوالن پیٹھ کریو پانہ وانی اکھ تبصرہ -----

Butreech hund tachar hurneh seete kitheh pethe chye xindagi daawas lagaan --

----- بتر آڑ ہند تڑر ہرنہ ستی کتھ پیٹھی چھے زندگی داوس لگان -----

--ther dokh bahas kerv Jangal teh kule kete chi xindagi akh

جنگل تہ کلی کٹی چھ زندگی اکھ

تھر ڈوکھ -- بحث کریو -----

Kasheer chye uneeni ilaajech sar zameen roozmech -tohenz kya raaye chye --ath kathih diyuv dall--

کشیئر چھے یونانی علاج سر زمین روزمڑ توہنز کیا رائے چھے ۔ اتھ کتھ دیو دل۔ (امہ خاطرہ پرو ۴ دسمبر ۲۰۲۲ ہک سنگرمال اخبار۔ یہ نیرہ فیس بک پیٹھ تہ۔