

D.A.V. PUBLIC SCHOOL
SUMMAR BREAK, HOLIDAYS HOME WORK
CLASS- IX
MATHS

- 1) Throw a coin 100 times and calculate how many times you get heads. Is it equal to probability of getting a head.
- 2) By using a graph paper and thread locate the position of any 2 irrational numbers.
- 3) Draw any five objects on a Cartesian plane. Write the coordination of all of their corners.
- 4) Make a cylinder and cone of equal heights and equal bases. Compare their volume by using sand.

SCIENCE

1. Make at least 5 crossword and puzzles each from the following Topics using HOT POTATOES.
 - A.) Matter
 - B.) Fundamental unit of life
2. Prepare a working model. Maintain a record of its Aim, Material Required, Theory/ Principle involved, Procedure. Observations and Precautions.
3. Make a project report on may one of the celestial phenomena.
 - 1.) Transit of Venus
 - 2.) Super moon
 - 3.) Meteor shower
 - 4.) Total Solar Eclipse
 - 5.) Haley's Comet
4. Prepare a Power point presentation on the topic assigned to you. Upload it on SLIDESHARE and send its link to your Science teacher.
5. Revise and rewrite all the questions already done in your Notebooks, in a separate copy.

SOCIAL SCIENCE

1. Make a power Point Presentation on any one of the following topics.
 - a) Drainage - Major rivers and tributaries lakes and seas.
 - b) India - Location , relief, structure, major physiographic units.
 - c) Designing of democracy in India.
 - d) Impact of unemployment.
2. Do any one of the following projects.
 - a) Nuclear disaster
 - b) Fire - Prevention and mitigation
 - c) Earthquake
3. History - Read chapter 2 and frame at least 20 MCQ with answers in your practice notebook.

COMPUTER

1. Students you are already using your gmail accounts and blogs. For correct and authentic use of the both do the following
 - a. Check the name of your gmail account . Change your names if they are not proper.
 - b. Change your private settings of facebook and prohibit the entry of any unknown persons. This May be risky for your account.
 - c. Change your passwords after every two three months as the passwords may be hacked.
 - d. Update your blogs with some informative videos and text related to your subjects.

GENERAL KNOWLEDGE

1. Make a project on sixty years of Parliament of India.

VED PATH

1. श्री कृष्ण भगवान भगवान कौन थे ? उनकी विशेषता के बारे में लेख लिखे।
2. महाराणा प्रताप कौन थे ? उनके बारे में ज्ञान प्राप्त करना है।
3. प्रतिदिन तीस मिनट ध्यान करना है।
4. कोई एक शिक्षाप्रद श्लोक याद कीजिए।

ASSIGNMENT FOR SUMMER VACATION

Class - IX

Sub - English

Name of the student _____

Roll No _____

Class _____

1 Read the following passage carefully :

THE APATANI HOUSE

The Apatani House belongs to the Apatani valley in Andhra Pradesh. The valley is cold, wet and fertile. It is the home of bamboo, the building material for this house. It is difficult to find a perfectly flat piece of land, so the floor is built over stilts which also serves as flood protection. No partitions are made in the living space, stressing the cultural belief of

5. a unified family. In order to ventilate this house, a single hood is placed at each end of the cuboid. There are no other openings to prevent loss of heat. Storage areas are placed under the roof as lofts or along side walls. The sloping roof is characteristic of wet areas and the overhangs protect the side walls from getting wet. Every single element of the building from roofing sheets, well floorboards, shelves, doors and ropes is made of bamboo. Bamboo is an
10. excellent insulator in a cold climate. A new house lasts from 8-16 years with very little maintenance. What is important here is not the permanence of the structure (as it is easy enough to build) but its consonance with the ecology of the region. None of the joints of construction are nailed or clamped. In fact, they are tied together with bamboo. This gives it the elasticity required in an earthquake prone zone. By habit alone, the skill to select and
15. shape bamboo to the required purpose is imbibed in every villager. A typical house takes 4-5 days to construct, during which every member of a particular clan participates. Rice beer and food for every participant is 'on the house'.

1 On the basis of your reading of the passage complete the following paragraph :

The Apatani House reflects its surroundings perfectly. It is made of

(a) _____ which grows

(b) in the _____ and

(c) _____ climate of the Apatani Valley.

(d) Bamboo is also _____ which is useful in a cold climate.

Bamboo has also an elastic quality which comes in handy since the Apatani

- (e) Valley is an _____ . Houses in wet areas have
(f) a roof that _____ . This protects
(g) _____ The area believes in a unified family;
(h) consequently there _____

2

Read the following passage carefully :

THE GREAT JEWELS OF INDIA

A close study of the lives and works of great teachers and high educational dignitaries such as Tagore, Radhakrishnan, Zakir Hussain and Saiyadain, indicates that these luminaries from the very beginning were committed to high ideals and superior academic norms, which placed the stamp of excellence on their achievements in the field of education. Many

5. of them made noble efforts for strengthening and enriching the educational curriculums and programmes and the teacher education courses and in imbuing to education a distinct personality of its own. They, in fact, were the cultivated minds and integrated personalities, inspired and infused by the high ideals of our great and ancient heritage, willing and ready to work in the service of the nation. If all teachers follow the path shown by such educational
10. authorities, education is bound to achieve its goal of allround development. Education is the sacred instrument for building the nation. Teacher's is the most crucial job of moulding the character of individuals and thereby of shaping the society itself.
15. Education is a medium through which he will direct human energies and human capacities to the advancement of human zeal. Upon the nature and character of education imparted by him depends the future of the nation. It need not be emphasized that there is a casual relationship between education on the one hand and economic growth and social progress on the other. As teachers above have to administer this education, one can imagine the colossal responsibility they have of performing this stupendous task. While they perform this task, they should keep in mind that education is not learning what to do, but becoming the kind
20. of person who knows what to do. Child is not just a learner of history or science. His interests, his aptitudes, his habits and everything else which goes towards the make-up his personality comes within the teacher's preview. Teachers have to produce mentally healthy individuals who have wholesome personalities. Teachers represent the ideals and aspirations of the nation and owe to it the moral and mental accountability of equipping the youth for
25. active participation in the high enterprise of creating a social order which shall dispense equal justice to all the sundry. As ideal teachers, they have to strive along with their wards, to build up the nation in conformity with the lofty ideals laid down in our Constitution. This great aim can be realised by effective, brilliant teachers, teachers who are equipped with the training that has a direct bearing on the quality of life in the community, and that will serve as the
30. chief means for the transformation of society. Such teachers can make their contribution to the building up of a new India - India that is holding fast to the traditional culture of the past and is the both forward-looking and future oriented. It is these teachers alone who can provide through rich and dynamic education, all that the country needs for its prosperity.

1) What are the four qualities that are found in Tagore, Radhakrishnan, Zakir Hussain and Saiyadain ?

(a) _____

- (b) _____
- (c) _____
- (d) _____

On the basis of your reading of the passage answer the following questions as briefly as possible. Write your answers in the spaces provided :

- (a) Education is bound to achieve its goal of all-round development if _____
- (b) The future of the nation depends upon _____
- (c) An ideal teacher with good education _____ and _____
- (d) "This great aim can be realised by effective, brilliant teachers." What is the aim?

Find words in the passage which mean the opposite of the following :

- (a) inferior _____
- (b) ignoble _____
- (c) weakening _____
- (d) immoral _____

FA-2 Activity

Prepare a project on 'How I taught my grandmother to 'Read' and 'Write' its brief summary character sketch of the grandmother and her granddaughter and the need of Adult education in today's fast moving world. Add relevant pictures to the project to make it attractive and submit it to the teacher in a folder.

3

Look at the notes below and complete the following report by using the information given below. Do not add any other information.

<p>Hero Honda employees — called off the strike The management and the employees — signed on agreement Terms and conditions of agreement — not known Amit Gopal and Raghav Madan — represented employees Mr. P. Swami — signed the agreement on behalf of the management</p>
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- (a) The 23 days old strike of the Hero Honda employees _____ after an agreement between the management and the striking employees.
- (b) The agreement _____ between the management and the employees in the presence of regional commissioner Mr. S.P. Nagpal.
- (c) The terms and conditions of the agreement _____ immediately.
- (d) The employees _____ by the Union General Secretary, Amit Gopal and Raghav Madan, General Secretary, IFTU.
- (e) The agreement _____ by Mr. P.Swami on behalf of the management.

4

The following paragraph has not been edited. There is one mistake in each line. Underline each error and write your correction in the space provided. The first one has been done as an example :

Ravi and Jai were twin brother _____ brothers

- (a) They both studied in class fourth. _____
- (b) Their school is closed for the summer _____
- (c) vacations. They were very _____
- (d) excitement for they were going with _____
- (e) their parent on a long holiday. They were _____
- (f) going on ship to another country. _____

5

In the following paragraph, one word has been omitted in each line. Make the place where you think a word has been omitted with a '/', Write the omitted word in the space provided. The first correction has been done for you as an example.

All Force aims/protecting important _____ at

- (a) areas and places, known vital points. _____
- (b) Air Force protects these places _____
- (c) by shooting the enemy planes _____

(e) The Air Force planes can fly the

(f) enemy country and destroy

(g) enemy's planes. The enemy has few

(h) planes left attack.

Look at the words and phrases below. Rearrange them to form meaningful sentences to complete the paragraph. Write each sentences in the space provided. One has been done for you as an example :

Example :

The most important task is to defend an air attack of the Air Force by an enemy the country against

Ans. The most important task of the Air Force is to defend the country against an air attack by an enemy.

(a) When the enemy / these important places / destroy the enemy planes / our important places / sends planes to attack / our planes must / before they can destroy /

(b) We can / the enemy planes / the approach of / if we know about / do this only /

(c) We have / the approach an aeroplane / called Radar to / of equipment / from a distance / a special kind / find out about /

(d) The Air Force / when they come / the enemy planes / by shooting down / to destroy these vital points / can protect / these places /

2. Read the following telephonic conversation between Rehana and Mr. Jamil and write the message on behalf of Rehana, as she has to go out and won't be at home when her father comes using not more than 50 words in the space provided.

Mr. Jamil : Hello !
Rehana : Hello ! Rehana here.
Mr. Jamil : May I talk to your father.
Rehana : Hello Uncle, Papa is not at home.
Mr. Jamil : Please convey a message to him when he comes home. Tomorrow there is an emergency meeting regarding the Regional Conference, in the office at 10 a.m. Ask him to reach the office by 9.30 a.m. positively.
Rehana : Okay, Uncle. I'll surely convey the message.

MESSAGE

The following is the telephonic conversation between Seema and Pradeep. Seema conveys a message to Pradeep for Jagriti. Pradeep will not be able to meet Jagriti as he is also going out, so he leaves a message for Jagriti. Write this message on behalf of Pradeep. (word limit : 50 words)

Seema : Hello ! May I speak to Jagriti.
Pradeep : No, she is not at home. Can I take message for her, I'm her elder brother Pradeep.
Seema : We both were planning to see a movie today. But suddenly my mother has become ill and is hospitalised. So I've to look after her at least for a week. Please tell her that I can't go to the movie now. Also-tell her to ring me when she returns.
Pradeep : Okay. I'll tell her.

MESSAGE

ग्रीष्मावकाश कार्य-2012-13

विषय हिंदी, कक्षा IX

पठन-पाठन कौशल

Reading Skill 1. देश भक्ति, पर्यावरण, बाल-मजदूरी, प्रकृति से जुड़ी कविताओं का संग्रह कीजिए और पढ़िए।

2. प्रेमचंद की कोई दस कहानियाँ पढ़िए और उस पर अपने विचार लिखिए।
3. हरिशंकर परसाई के कोई दो व्यंग्य नाटकों को पढ़िए।
4. गांधी जी की आत्मकथा पढ़िए और जो घटनाएँ आपको सबसे ज़्यादा प्रभावित की उसके बारे में अपने शब्दों में लिखिए।

लेखन-कौशल

Writing Skill 1. प्रतिदिन डायरी लिखिए। यदि ग्रीष्मावकाश में कहीं घूमने गए हैं तो उसके विषय में भी लिखिए। (यात्रा वृत्तांत के रूप में)

2. राम-लक्ष्मण परशुराम संवाद को जो कि अवधी भाषा में ही है उसे खड़ी-बोली हिन्दी में संवाद शैली रूपांतरित कर के लिखिए।

अथवा

किसी भी एक कहानी को संवाद शैली में रूपांतरित कर के लिखिए

3. अपने आस-पास रहने वाले लोगों में से ही किसी चरित्र अथवा घटना पर एक कहानी तैयार कीजिए।
4. भारत की वर्तमान ज्वलंत समस्या पर कविता रचने की कोशिश कीजिए-बाल-मजदूरी, भ्रूण-हत्या दिल्ली की सड़कों पर हमारी भारतीय महिलाएँ।

श्रवण कौशल

Listening Skill सूरदास, मीराबाई, तुलसीदास, कबीरदास, सूफ़ी गाने की सी.डी. लाकर सुनिये (सी.डी. को जमा भी करवाना है)

वाचन कौशल

Speaking Skill सूरदास की रचना बाल-लीला जो कि ब्रज-भाषा में है उसे बोल-बोलकर पढ़िए और अपनी आवाज़

में **Record** करके भी लाइये।

नीचे दिये गए किसी एक साहित्यकार पर **Power Point Presentation (P.P.T.)** तैयार करे। इसके अन्तर्गत साहित्यकार के जीवन एवं साहित्यिक रचनाओं की सम्पूर्ण जानकारी दीजिए।

IX

1. भारतेन्दु हरिश्चन्द्र
2. महादेवी वर्मा
3. जय शंकर प्रसाद
4. सूर्यकांत त्रिपाठी निराला
5. सुमित्रा नंदन पंत
6. हरि वंश राय बच्चन

ART

Make a miniature or Madhubani Painting on hand made sheet. Size should be A3 (42cm × 29.5 cm). You can take help from Internet to see the designs that you may use.