BHAVAN'S VARUNA VIDYALAYA, THRIKKAKARA
VACATION ASSIGNMENT FOR STD IX

ENGLISH

1. Make a collage on an A3 size sheet or chart paper (A 3 size only). Use photographs cut out from newspapers and magazines and sayings / quotes / slogans made from alphabets / whole slogans or quotes cut out from magazines / newspapers etc. There should be bare minimum use of poster colors and sketch pens. Use any ONE of the following socially relevant themes:

   a. Save the environment
   b.   Protect endangered species
   c. Educate the girl child
   d. Stop child labour

2. Given below is a list of books. Choose any one of them (unabridged version). Read the book and write the character sketch of the protagonist.

   * Village by the sea – Anita Desai
   * Any one of the short stories by Agatha Christie
   * Tom Sawyer – Mark Twain
   * The Diary of a Young Girl – Anne Frank
   * The Invisible Man – H G Wells

Read the following passage and answer the questions

Writing in a diary is a really strange experience for someone like me. Not only because I've never written anything before, but also because it seems to me that later on neither I nor anyone else will be interested in the musings of a thirteen-year-old schoolgirl. Oh well, it doesn't matter. I feel like writing, and I have an even greater need to get all kinds of things off my chest.

"Paper has more patience than people." I thought of this saying on one of those days when I was feeling a little depressed and was sitting at home with my chin in my hands, bored and listless, wondering whether to stay in or go out. I finally stayed where I was, brooding.

Yes, paper does have more patience, and since I'm not planning to let anyone else read this stiff-backed notebook grandly referred to as a "diary" unless I should ever find a real friend, it probably won't make a bit of difference.

Now I'm back to the point that prompted me to keep a diary in the first place: I don't have a

friend.

Let me put it more clearly, since no one will believe that a thirteen-year-old girl is completely alone in the world. And I'm not. I have loving parents and a sixteen-year-old sister, and there are about thirty people I can call friends. I have a throng of admirers who can't keep their adoring eyes off me and who sometimes have to resort to using a broken pocket mirror to try and catch a glimpse of me in the classroom. I have a family, loving aunts and a good home.

No, on the surface I seem to have everything, except my one true friend. All I think about when I'm with friends is having a good time. I can't bring myself to talk about anything but ordinary everyday things. We don't seem to be able to get any closer, and that's the problem. Maybe it's my fault that we don't confide in each other. In any case, that's just how things are, and unfortunately they're not liable to change. This is why I've started the diary.

To enhance the image of this long-awaited friend in my imagination, I don't want to jot down the facts in this diary the way most people would do, but I want the diary to be my friend, and I'm going to call this friend Kitty.

Since no one would understand a word of my stories to Kitty if I were to plunge right in, I'd better provide a brief sketch of my life, much as I dislike doing so.

3. What makes writing in a diary a strange experience for Anne Frank?

4. Why does Anne want to keep a diary?

5. Why did Anne think she could confide more in her diary than in people?

6. Explain "Paper has more patience than people."

7. Find a word in the passage that means 'deep thought'.

8. Which word in the passage is a synonym of lethargic?

9. Why was Anne Frank disturbed even when she had loving parents, relatives and friends?

10. Who was the long awaited friend of Anne? Why?

11. What did she provide in her diary?

12. Complete the story in 150 -200 words

   Anuj had gone on a holiday for one month and when he returns, he turns the key in the lock and opens the door. To his horror he finds……..

13. You are Nithin / Nithisha the head boy / girl of XYZ School. Your school is going to publish an annual magazine next month. Write a notice for the school notice board inviting articles from the students.

SOCIAL SCIENCE

➢ Collect details about the 17th Lok Sabha election In India –"2019"

➢ Role of election commission in conducting Lok election in India.

➢ Mention the national parties which are contesting in the 17th Lok Sabha election

➢ Election Promises by political parties -2019

➢ Number of Lok Sabha constituencies in India

➢ Number of Lok Sabha constituencies in Kerala

➢ Name the election commissioner of India and Kerala

SCIENCE

Biology

1. The branch of biology that deals with classification of organisms.

2. Explain the term biomagnification.

3 .Bats can fly.Still it is placed in mammals.Why?

4. Which plant is known as terror of Bengal?Why?

5. What do you know about Neelakurinji? Explain its speciality.

6. What is BS4 vehicles

7. What is Minamata disease?

Physics

1. Differentiate uniform and non- uniform motion with example.

2. The angle between incident ray of light and reflected ray of light is 60^0.What is the angle of incidence?

3. A body oscillates 20 times in 10seconds.Find its time period and frequency of oscillation?

4. What is the unit of loudness of sound and also write the factor which depends on the loudness of sound.

5. A force of 10N is applied to a body at rest towards right, what should be the magnitude of frictional force acts on that bodies so that the body continues in the state of rest.Also specify the direction of frictional force.

6. Give reason

a. Cutting edge of a knife made sharp.

b. school bags are provided with broad strips.

7. Plot a distance –time graph of a body in uniform motion .How to find the speed of that body from the graph.

Chemistry

1. Expand PET, HDPE, PVC, PP. Write two uses of each.

2. What is green energy? Mention the advantages of green energy.

3. On the basis of the reactivity of metals, predict how these metals will react with each of the following salt solutions:

Metals: zinc, copper, iron

Salt solutions: zinc sulphate, copper sulphate, iron sulphate.

4. All the fish in a certain pond in village A are dead. The surface of the pond is covered with a green growth . What would have caused the death of the fish? Explain.

5. Why is hydrogen not used as a domestic fuel even though it has the highest calorific value?

6. Corrosion of aluminium is a blessing rather than a curse. Explain.

MATHEMATICS

1) Subtract 3x-y-7z from the sum of x-3y +2z and -4 x +9y-11z

2) Find the product of $24x^2$ (1-2x) and evaluate its value for x=3

3) If x + y= 12, x y =14 find the value of $x^2 + y^2$

4) What must be added to $4x^2 – 12 x +7$ to make it a whole square?

Factorise

5) $9x^2 + 3axy$

6) $abx^2 + (ay-b) x - y$

7) $x^3 - 2x^2y - + 3xy^2 - 6y^3$

8) $ab - a - b + 1$

9) $x - y \ x^2 + y^2$

10) $x^2 - y^2 - 4xz + 4z^2$

11) $a^4 - (2b + c)^4$

12) $a^2 + 4b^2 - 4ab - 4c^2$

13) Find the weight of a solid rectangular iron piece of size 50 cm x 40 cm x 10 cm, if 1 cm^3 of iron weighs 8 gm

14) Three cuboids of dimensions 5 cm x 6 cm x 7cm, 4cm x 7 cm x 8 cm and 2 cm x 3cm x 13cm are melted and a cube is made .Find the side of cube

15) The dimensions of a cuboid are in the ratio 5: 3: 1 and its total surface area is 414 m^2. Find the dimensions

16) Three cubes each of side 5 cm are joined end to end. Find the surface area of the resulting cuboid

17) How many cubic meters of earth must be dug out to sink a well 21 m deep and 6 m diameter

Solve the following linear equations

18) $5x/3 + 2/5 = 1$

19) $8 y + 4 = 7(y + 2) - 5$

20) $2x/3 - 3x/8 = 7/12$

SANSKRIT

1. स्वराक्षराणिलिखत
2. व्ञ्जनाक्षराणिलिखत
3. सन्धिंकुरुत
   a.हिमालयः
   b.कोपि
4 सन्धिविच्छेदंकुरुत
   a. तत्रैव

b. चापि

5 एकंश्लोकंलिखत

6 अस्यअर्थःच

7 दशक्रियापदानिलिखत

8 लट्लकारेपरिवर्वयत

    a.अपठत्

    b.वदतु

    c.गमिष्यति

9अव्ययपदानिलिखत{10}

10. पूरयत

       कृष्णं------- गोपाःसन्ति

       वृक्षस्य---- बिलःअस्ति।

       विद्यालयस्य----- उद्यानमस्ति।

11. प्रश्ननिर्माणंकुरुत

      र|मःवनंअगच्छत्

      तेफलानिखादन्ति

12.संस्कृतपदंलिखत---sky,ornament,newspaper,computer,postoffice

VACATION ASSIGNMENT- HINDI FOR (STD IX)

I . नीचे दिए गए गद्यांश पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए: -

चलना मनुष्य का स्वभाव है। पानी भी चलता है, हवा भी चलती है , समय भी चलता है और मनुष्य भी चलता है ।प्राचीन समय में एक स्थान से दूसरे स्थान पर पहुँचने के लिए मनुष्य मीलों पैदल यात्रा करता था ।कई बार यात्रा इतनी लंबी हो जाती थी कि वर्षों लग जाते थे, मार्ग में यात्री बीमार होकर मर भी जाते थे, फिर पालकियों का प्रयोग किया जाने लगा। पालकियों का प्रयोग विशेष रूप से स्त्रियों के लिए किया जाता था। पहिए के आविष्कार ने मनुष्य का जीवन ही बदल दिया। इसके आविष्कार से सर्वप्रथम बैलगाड़ी द्वारा यात्रा सुगम और सस्ती होने लगी। धीरे-धीरे इसी पहिए से मशीन से चलने वाली गाडियाँ सड़कों पर दौड़ने लगीं।

1. चलना किस-किसका स्वभाव है?

2. प्राचीन समय में एक स्थान से दूसरे स्थान पर जाने के लिए मनुष्य क्या करता था ?

3. पालकियों का प्रयोग किन के लिए होता था?

4. पहिए के आविष्कार से क्या लाभ हुआ ?

5.गद्यांश के लिए उचित शीर्षक लिखिए:-

II. नीचे दिए गए पद्यांश पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए : -

स्वतंत्रता की लड़ी लड़ाई।

तुमने हमको मुक्ति दिलाई ,

हुई दासता दूर देश की ।

आया उत्तम - नूतन युग है।

बापू! तुमको कोटि नमन है ॥

तुमने किया समर्पित तन-मन,

तुमने किया समर्पित जीवन।

गए जेल आज़ादी के हित,

किया निरंतर कष्ट-सहन है।

बापू! तुमको कोटि नमन है

सत्य अहिंसा को अपनाया,

प्रेम- एकता का गुण गाया ।

नैतिकता का पंथ न छोड़ा,

रखा पवित्र साध्य - साधन है।

बापू! तुमको कोटि नमन है ॥

यह भारत है ऋणी तुम्हारा

तुम्हें न भूलेगा जग सारा ।

तुमसे सतत प्रेरणा लेकर,

हो सकता प्रसन्न जन-जन है ।

बापू! तुमको कोटि नमन है ॥

6. कवि बापू के प्रति समर्पित क्यों है?

7. गांधीजी जेल क्यों गए थे?

8. बापू ने कौन-से मार्ग पर चलने का प्रण लिया?

9. भारत देश गांधी का ऋणी क्यों है?

10. गांधीजी से क्या प्रेरणा ली जा सकती है?

III. अव्यय पहचानकर भेद लिखिए:-

11. तुम सब नीचे बैठो।

12. यह काम आज होना चाहिए।

13. वह माँ के साथ गई है।

14. वाह! कितनी ठंडी हवा है।

IV. शुद्ध कीजिए: -

15. प्रधानाचार्य आपको बुलाए हैं।

16. मेरे को तैरने जाना है।

17. वह पेड़ में बैठा है।

18. तुम्हें कितना केला लेना है?

19. विज्ञापन तैयार कीजिए: -"चमक साबुन "

20. दुकानदार और ग्राहक के बीच का संवाद लिखिए ।

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ദേശത് വരുന്ന വിദ്യാലയ ഗ്രന്ഥാലയ
അവധിക്കാല പഠന പ്രവർത്തനങ്ങൾ 2019-2020

1. ഉപന്യാസരചന.

   1. വൃദ്ധജനസംരക്ഷണം

   2. ദീനനായും പാരിസ്ഥിതിക്രപശ്നങ്ങളും

   3. പനയുടെഉള്ള നന്മാധിനം

   4. മൂല്യങ്ങൾക്ക് ജീവിതത്തിലുള്ള സ്വാധിനം

   5. വിദ്യാഭ്യാസവും സാമൂഹ്യസേവനവും.

2. പാഠഭാഗരിയുടെ സൃഷ്ടിപാഠമായെടുനിച്ച് കുറിച്ച് തയ്യാറാ
   ക്കുക.

3. തെജ്ജസ്വിയായ വാർഗ്ഗ - വായനാക്കുറിച്ച്, ചോദ്യോത്തര
   സഹിതം തയ്യാറാക്കുക. [1 to 4 അധ്യായങ്ങൾ]

4. ചിരിച്ചുചൂത് നന്ദി നിർത്തുവിടുക.

   1. ചിരിയിടക്കി

   2. അമ്പിളമ്മാവൻ

   3. ഒവീനാടങ്ങും

   4. മാനസൂനേരാഴം

   5. മത്തായിച്ചു.

   6. നനവാക്കാട്

   7. നന്ദമായി

   8. വഴിയമ്പലം

   9. മുളനടി

   10. മുടിയെഴുകിക്കൽ