

केन्द्रीय विद्यालय क्रमांक १ तेजपुर

ग्रीष्मकालीन अवकाश गृह कार्य

विषय – हिन्दी ,कक्षा – 6

निर्देश:-सभी विद्यार्थी यह कार्य ग्रीष्मकालीन अवकाश में करेंगे।

- 1.आपके आसपास खाने में कौन – कौन से व्यंजन प्रचलित है
उनकी सूची बनाइए ।
- 2.अपने बचपन की कोई मनमोहक घटना को विस्तार से लिखिए।
- 3.केशव और श्यामा की तरह आपको किसके बारे में जानने की
इच्छा है और क्यों ?
- 4.अपनी बड़ी बहन को गर्मी की छुट्टियां बिताते हुए पत्र लिखिए ।
5. बाल रामकथा के आधार पर राम-लक्ष्मण की विशेषताएं
लिखिए।
6. सर्वनाम शब्दों का प्रयोग करते हुए 5 वाक्य बनाइए ।

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विषय – हिन्दी ,कक्षा – 7

निर्देश:-सभी विद्यार्थी यह कार्य ग्रीष्मकालीन अवकाश में करेंगे।

- 1.शहरीकरण से पर्यावरण किस प्रकार प्रभावित होता है 10 पंक्तियां लिखिए
- 2.सावन,कार्तिक,फाल्गुन में कौन-कौन से त्योहार आते हैं किसी एक पर अनुच्छेद लिखिए।
- 3.आपके आसपास पर्यटक स्थलों की जानकारी एकत्रित करके लिखिए
- 4.नदियों से हमें क्या क्या लाभ होते हैं 10 पंक्तियां लिखिए।
- 5.आपके आसपास में गंदगी होने पर सफाई के लिए नगरपालिका अध्यक्ष को एक प्रार्थना पत्र लिखिए।
6. बाल महाभारत की कथा के आधार पर भीष्म की विशेषताएं लिखिए ।
7. पाठ्यपुस्तक से सर्वनाम के 10 उदाहरण खोजकर लिखिए।

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विषय – हिन्दी ,कक्षा – 8

निर्देश:-सभी विद्यार्थी यह कार्य ग्रीष्मकालीन अवकाश में करेंगे।

- 1.वसंत ऋतु में आने वाले त्योहारों की सूची बनाकर किसी 1 पर अनुच्छेद लिखिए ।
- 2 आपके मनपसंद कविता की कोई चार पंक्तियां लिखिए ।
- 3.आपको छुट्टियों में किसके घर जाना अच्छा लगता है और क्यों ?
- 4.आज भी बाजार में हाथ से बनी हुई चीजें मिलती है उनकी सूची बनाइए।
- 5.यदि बस जीवित प्राणी होती और वह बोल सकती तो वह अपना कष्ट किन शब्दों में व्यक्त करती ।
- 6.किसी यात्रा में जाते समय की तैयारी का वर्णन अपने शब्दों में लिखिए।
7. अपने मित्र को जन्मदिन की शुभकामना देते हुए एक पत्र लिखिए।
8. भारत की खोज पुस्तक के लेखक पंडित जवाहरलाल नेहरू के जीवन पर सचित्र लेख लिखिए ।

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ग्रीष्मकालीन अवकाश गृह कार्य

विषय – हिन्दी ,कक्षा – 9

निर्देश:-सभी विद्यार्थी यह कार्य ग्रीष्मकालीन अवकाश में करेंगे।

1.किसान के जीवन पर 100 शब्दों में एक अनुच्छेद लिखिए ।

2 अपने क्षेत्र में होने वाली फसलों की जानकारी एकत्रित करके लिखिए ।

3.अपनी किसी एक यात्रा का संक्षिप्त वर्णन लिखिए।

4 कबीर दास जी के कौन से पद आपको अच्छे लगे हैं और क्यों उनको लिखिए।

5.किसी समाज सुधारक पर एक लेख लिखिए ।

6.किसी एक स्वतंत्रता सेनानी का सचित्र वर्णन कीजिए ।

7.अपने बड़े भाई की शादी में शामिल होने के लिए तीन दिन की छुट्टी हेतु प्राचार्य को एक पत्र लिखिए ।

8. अपनी पाठ्यपुस्तक से उपसर्ग एवं प्रत्यय वाले 10-10 शब्द खोजकर लिखिए ।

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ग्रीष्मकालीन अवकाश गृह कार्य
विषय – हिन्दी , कक्षा – 10

निर्देश:-सभी विद्यार्थी यह कार्य ग्रीष्मकालीन अवकाश में करेंगे।

1. किसी एक स्वतंत्रता सेनानी का सचित्र वर्णन कीजिए ।
2. गोस्वामी तुलसीदास का साहित्यिक जीवन परिचय लिखिए ।
3. असमिया भाषा के किसी एक लेखक का सचित्र वर्णन कीजिए ।
4. वर्तमान समय में कोरोना की भयावह स्थिति पर एक अनुच्छेद लिखें ।
5. राम और लक्ष्मण की तीन-तीन विशेषताएं लिखिए ।
6. आप से किसी महापुरुष की मूर्ति लगाने के लिए कहा जाए तो आप किसकी मूर्ति लगाएंगे, और क्यों ?

SUMMER VACATION HOMEWORK 2022-23
CLASS- XII TH COMMERCE AND HUMANITIES
SUBJECT-ECONOMICS

Date:-06-05-2022

INSTRUCTIONS: ---

- i. Answers should be brief and to the point and the word limits should be adhered to as far as possible.
- ii. The date of submission of holiday homework is **20th JUNE 2022.**
- iii. Do numerical practice separately.

- **From the following Sr.No1 to 4, Do 10 questions of Very Short (Multiple choice questions, Fill in the blanks, True/False, Matching, Statement based Assertion and Reason) and from Sr. No. 5 to 7 Do 10 Questions of (Multiple choice questions, Fill in the blanks, True/False, Matching, Statement based Assertion and Reason), Short Answer Type topics, Long Answer Short Answer Type and Numerical0 from each topic.**

1. Goods
2. Stock & Flow
3. Circular Flow of Income
4. GDP & Welfare
5. Value Added Method
6. Income Method
7. Expenditure Method

- **PREPARE A PROJECT WORK ON THE FOLLWING TOPIC INDIVIDUALLY...**

INSTRUCTIONS:-

- i. Project work should be prepared in a one side line pages file.
- ii. Project work should be hand written by the student himself/herself.
- iii. The length of the project should contain at least 20 to 25 pages.

- iv. Relevant pictures/images/drawings may be pasted.
- v. The project should contain the followings:
- Front page (Printed); Name of KV, Logo of KV, Subject, Project Topic, Submitted by, Submitted to)
 - Certificate
 - Acknowledgement
 - Index ; Contents
 - Introduction
 - Body of the project
 - Conclusion
 - Bibliography
- vi. The date of submission of the project work is **20th June 2021**.

XII HUMANITIES: ----

| Sr.No. | NAME OF THE STUDENTS | PROJECT TOPIC |
|--------|----------------------|--|
| 1 | ANWESHA DAS | HUMAN CAPITAL FORMATION |
| 2 | RAKHEE PATIR | DETERMINATION OF INCOME & INCOME AND EMPLOMENT |
| 3 | RIYA BORAH | BALANCE OF PAYMENT |
| 4 | PARISHMITA DAS | GOVERNMENT BUDGET |
| 5 | NAYANJYOTI SAIKIA | RURAL DEVELOPMET |
| 6 | KAUSTAV MONI PARASAR | ECONOMIC REFORMS 1991 |
| 7 | DAYAL D.S | MONEY & BANKING |
| 8 | MASUM | EMPLOYMENT |
| 9 | ADITYA | INDIAN ECONOMY ON THE EVE OF INDEPENDENCE |
| 10 | SIDHARTHA SAIKIA | GOVERNMENT BUDGET |
| 11 | NIKKI KEOT | BANKING SYSTEM IN INDIA |
| 12 | VIVEK SINGH NEGI | SELF HELP GROUP |

XII COMMERCE: ----

| SR.NO. | NAME OF STUDENTS | PROJECT TOPIC |
|--------|------------------|--|
| 1 | NANDINI SAHA | EFFECT OF COVID 19 ON INDIAN ECONOMY ENVIRONMENT & SUSTAINABLE DEVELOPMENT |

| | | |
|----|---------------------|---|
| 2 | AAYUSHI DEBNATH | MAKE IN INDIA-THE WAY AHEAD |
| 3 | HARSHIT LAHKAR | MONETARY POLICY COMMITTEE AND ITS FUNCTIONS |
| 4 | ABHILASH SHARMA | E DIGITAL INDIA – STEP TOWARDS THE FUTURE |
| 5 | ANUSHKA DUTTA | HUMAN DEVELOPMENT INDEX |
| 6 | PRAYASH JYOTI BORAH | ROLE OF RBI TO CONTROL CREDIT |
| 7 | MANASH CHUTIA | SELF HELP GROUP |
| 8 | JYOTISHMITI BHUYAN | DEMONITISATION |
| 9 | PARISH HAZARIKA | GST AND ITS IMPACT |
| 10 | SUBHRAJIT LAHKAR | SUSTAINABLE DEVELOPMENT |
| 11 | SMITA ROY | BANKING SYSTEM IN INDIA |
| 12 | PRAKASH KUMAR | HUMAN CAPITAL FORMATION |
| 13 | DIPSIKHA SAIKIA | RURAL DEVELOPMENT |
| 14 | MOUSAM DAIMARI | GOVERNMENT BUDGET AND ITS COMPONENT |
| 15 | ABHIJIT KUMAR | BALANCE OF PAYMENT |
| 16 | ABHIMANYU GOSWAMI | ECONOMIC REFORMS 1991 |
| 17 | MAYURI DAS | MONEY & BANKING |
| 18 | RIYA NAMASUDRA | COMPARATIVE STUDY AMONG INDIA, PAKISTAN AND CHINA |
| 19 | AMISHA CHAKRABORTY | GOVERNMENT BUDGET |
| 20 | PRIYA NEWAR | NATIONAL INCOME |
| 21 | MANJIL SAIKIA | RURAL DEVELOPMENT |
| 22 | PIUSH POUDEL | INDIAN ECONOMY ON THE EVE OF INDEPENDENCE |
| 23 | AMAN DUTTA | GOVERNMENT BUDGET |

| | | |
|----|---------------------|---|
| 24 | RAJA KUKI | MONEY AND BANKING |
| 25 | AMIT SINGH NEGI | INDIAN POLICY RESOLUTION 1991 |
| 26 | ANISHA BORO | BALANCE OF PAYMENT |
| 27 | HIMASHREE BORAH | HUMAN CAPITAL FORMATION |
| 28 | ANUJ PAUL | GOVERNMENT BUDGET |
| 29 | OLI HAZARIKA | SUSTAINABLE DEVELOPMENT |
| 30 | UDIT KUMAR NATH | GOVERNMENT BUDGET |
| 31 | PRADIP MAHATO | BALANCE OF PAYMENT |
| 32 | HANSHU KUMAR | DEVELOPMENT EXPERIENCE AMONG INDIA, PAKISTAN AND CHINA |
| 33 | SONIA BISWAKARMA | MONEY & BANKING |
| 34 | KHUSHBU KUMARI | RURAL DEVELOPMENT |
| 35 | PRIYA ROY | INDIAN ECONOMY ON THE EVE OF INDEPENDENCE |

WISH YOU A VERY HAPPY HOLIDAY
BE SAFE AND BE HEALTHY AT HOME

KENDRIYA VIDYALAYA NO.1 TEZPUR

Holiday Homework

Class: X

Subject: Social science

A. Project:

Topics: **Social issues**

OR

Sustainable Development

OR

Consumer Awareness

* Do it in scrap book in beautiful handwriting with creativity. Marks will be given on the basis of content, presentation and creativity.

* Make related diagrams.

* Paste related pictures and maps.

* Decorate decently.

* Project will be made by individual students not in group.

* Last 2 pages of project will be related to Rajasthan's social issues, consumer courts in Rajasthan and environmental conservation in the Rajasthan as per topics.

B. History

* Do revision of ch.1 Nationalism in Europe and write 40 (1 marks) Questions from it in sst notebook.

C. Geography

* Do revision of ch.1 Resources and Development and write 20(1 marks) Questions from it in sst notebook.

D. Political science

* Do revision of ch.1 Power Sharing and ch.2 Federalism and write 30 (1 marks) Questions ,15 Q. from each ch. in sst notebook.

E. Economics

* Do revision of ch.1 Development and write 20 (1 marks) Questions from it in sst notebook.

F. Map work

History: ch.2 Nationalism in India

Geography: ch1. Resources and Development

*Do practice of map work of following ch. and paste it in sst notebook (2map of each ch.)

KENDRIYA VIDYALAYA NO.1 TEZPUR

Holiday Homework

Class: VIII

Subject: Social science

A. History

1. How, When and Where- Essay writing on 'Problems of Periodization in History'

2. From Trade to Territory- Prepare a Time-line of various events in history of India from the coming of British to the Revolt of 1857.

Also paste pictures of Governor Generals of British India.

B. Geography

- Data Collection- Prepare a list of resources found in your state. Also highlight the resources that the state is deficient in.
- Poster Making- Make a poster on 'Conservation of Resources'. Poster can depict problems of resource depletion, use of alternate resources and any innovative methods.
- Paste newspaper article on vegetation and wildlife.
(Newspaper cuttings can be related to problems like deforestation, loss of habitat due to mining, hunting, trade of animal parts, steps taken by Government for protecting forest and wildlife)

C. Civics

(Activities to be done in Home work notebook)

- Designing Preamble- Design a preamble for your school abiding to all the rights and duties of all the students in school. You can also take hint from preamble of 'Constitution of India'.
- Collect pictures of all the members of constituent assembly and prepare a chart, while highlighting their states.

D. Map work

On Political map of India-

- States and Capitals of all the Indian States and UTs

World Map-

- Continents and Oceans
- History: ch.2. Routes to India in the 18th century (Fig.2)

KENDRIYA VIDYALAYA NO.1 TEZPUR

Holiday Homework

Class: VII

Subject: Social science

A. Geography:

* Do all " word origin" and " do you know" of ch.1 Environment and ch.2 Inside our Earth beautifully by colour pen in your sst notebook.

* Do revision of ch.1 Environment and ch.2 Inside our Earth

B. Political science:

* Write fundamental rights and duties in sst notebook and learn it.

* Do revision of ch.1 Equality

C. History:

* Do Let's do part (Q No.11&12) of Tracing Changes through A Thousand Years and write the answers in History notebook.

* Read and collect some details about Important rulers of Pala, Rashtrakutas, Chahmans (Chauhans), Cholas, Cheras and Pandyans.

D. Map work:

1.India Political Map: Colour states and mark capitals with names(2 maps)

2. World Political Map: Colour all continents and major oceans on map and write name

3. Locate the Gurjara-Pratiharas, Rashtrakutas, Palas, Cholas and Chahamans on outline map of India and Identify the present day states over which they exercised control.

KENDRIYA VIDYALAYA NO.1 TEZPUR

Holiday Homework

Class: IX

Subject: Social science

A. Project:

Topic: Disaster management

Content: 1. Meaning of disaster

2. Types of disaster

3. Main natural disaster

4. Main human made disaster

5. Alternative communication during disaster

6. First Aid

7. Disaster management in India

8. Major disaster in Rajasthan our paired state in EBSB

Instructions for project:

* Do it in scrap book in beautiful handwriting with creativity. Marks will be given on the basis of content, presentation and creativity.

* Make related diagrams and decorate decently.

* Paste related pictures and maps.

* Project will be made by individual students not in group.

* Last 2 pages of project will be related to our paired state Rajasthan's social issues, consumer courts in Rajasthan and environmental conservation in the Rajasthan as per topics.

B. History

* Do revision of ch.1 French Revolution and write 20 (1 marks) Questions from it in sst notebook.

C. Geography

* Do revision of ch.1 India - size and location and write 20(1 marks) Questions from it in sst notebook.

D. Political science

* Do revision of ch.1 What is democracy? Why democracy? and write 10(1 marks) Questions in sst notebook.

E. Economics

* Do revision of ch.1 Story of Village Palampur and write 15 (1 marks) Questions from it in sst notebook.

F. Map work

History: ch.1 French Revolution

Geography: ch1. India- Size and Location

*Do practice of map work of following ch. and paste it in sst notebook (2map of each ch.)

K.V. NO.1 TEZPUR

HOILDAY HOMEWORK FOR SUMMER VACATION 2022-23

SUBJECT:- MATHEMATICES

CLASS-VII

1. The sum of two integers is 47. If one of the integers is -24, find the other.
2. Temperature of a place at 12:00 noon was +5°C. Temperature increased by 3°C in first hour and decreased by 1°C in the second hour. What was the temperature at 2:00pm?
3. Write two integers whose sum is 6 and difference is also 6.
4. Sum of two integers is -80. If one of the integers is -90, then find the other.
5. A plane is flying at the height of 6000m above the sea level. At a particular point, it is exactly above a submarine floating 1500m below the sea level. What is the vertical distance between them?
6. Raj deposits Rs 2000 in his bank account and withdraws Rs 1642 from it, the next day. If withdrawal of amount from the account is represented by a negative integer, then how will you represent the amount deposited? Find the balance in Raj's account after the withdrawal.
7. Write a negative integer and a positive integer whose difference is -3.
8. An elevator descends into a mine shaft at the rate of 5 metre per minute. What will be its position after one hour? If it begins to descend from 15m above the ground, what will be its position after 45 minutes?
9. Find the product, using suitable properties;
 - (a) $26 \times (-48) + (-48) \times (-36)$
 - (b) $625 \times (-35) + (-625) \times 65$
10. Verify the following:
 - (a) $18 \times [7 + (-3)] = [18 \times 7] + [18 \times (-3)]$
 - (b) $(-21) \times [(-4) + (-6)] = [(-21) \times (-4)] + [(-21) \times (-6)]$
11. Arrange the fractions $\frac{2}{3}, \frac{3}{4}, \frac{1}{2}$ and $\frac{5}{6}$ in ascending order.
12. Arrange the fractions $\frac{6}{7}, \frac{7}{8}, \frac{4}{5}$ and $\frac{3}{4}$ in descending order.
13. Write $\frac{5}{6}$ as a fraction with numerator 60.
14. Add the fractions $\frac{3}{8}$ and $6\frac{3}{4}$.
15. Subtract $8\frac{1}{3}$ from $\frac{100}{9}$.
16. Katrina rode her bicycle $6\frac{1}{2}$ km in the morning and $8\frac{3}{4}$ km in the evening. Find the distance travelled by her altogether on that day.

17. Mary bought $3\frac{1}{2}m$ of lace. She used $1\frac{3}{4}m$ of lace for her new dress. How much lace is left with her?
18. Sunil purchased $12\frac{1}{2}$ litres of juice on Monday and $14\frac{3}{4}$ litres of juice on Tuesday. How many litres of juice did he purchase together in two days?

19. Simplify:

(a) $2\frac{1}{2} + 1\frac{2}{3} - 5\frac{1}{6}$

(b) $7\frac{1}{4} + 3\frac{2}{3} - 4\frac{1}{6}$

20. A two-wheeler covers a distance of 55.3km in one litre of petrol. How much distance will it cover in 10 litres of petrol?

21. Find:-

(a) 0.2×31.8 (b) 1.07×0.02 (c) 10.05×1.05 (d) 100.01×1.2

22. Express as rupees using decimals.

(a) 225 paise (b) 3 rupees 75 paise (c) 5 rupees 9 paise (d) 8 paise

23. Express as metres using decimals.

(a) 25 cm (b) 5mm (c) 175mm (d) 4cm5mm

24. Express as km using decimals.

(a) 6m (b) 76m (c) 257cm (d) 309mm

25. Project work form chapter "Fraction and Decimals"

Contents:-

- Multiplication of a fraction by a whole number.
- Fraction as an operation 'of'.
- Multiplication of a fraction by a fraction.
- Division of whole number by a fraction.
- Division of fraction by another fraction.
- Multiplication of decimal numbers.
- Division of decimal numbers.

26. Students will write tables 2 to 20 and learn it.

KV NO. 1 TEZPUR
SUMMER VACATION HOMEWORK
MATHEMATICS CLASS 10
SESSION (2022-23)

General Instructions: 1. Do Holiday H/W in separate notebook.
2. Neatness and presentation are common parameters for most of the activities assigned. Please maintain the quality of work done.
3. Students are directed to read Newspapers and Magazines daily and update themselves with the current affairs.

Q.1- Conduct a survey of your friends to find which kind of Game (indoor/outdoor) they like the most. Represent the information in the form of (i) **Bar graph** (ii) **Pie chart**

Q.2- Write all formula of chapter "POLYNOMIAL" of class 9.

Q.3 LCM and HCF of two numbers are 675 and 45. If one of the number is 135, then find the other number.

Q.4 Given that $\text{HCF}(306, 657) = 9$, find $\text{LCM}(306, 657)$

Q.5 Find the quadratic polynomial whose sum and product of zeroes are (i) $\sqrt{2} + 1$ and $\frac{1}{\sqrt{2}+1}$. (ii) 0 and -2.

Q.6 If α and β are zeroes of polynomial $2x^2 - 4x + 5$. Then find the value of $\alpha^2 + \beta^2$ and $\frac{1}{\alpha} + \frac{1}{\beta}$

Q.7 Explain why $3 \times 5 \times 7 + 7$ and $7 \times 6 \times 5 \times 4 \times 3 + 6$ are composite number.

Q.8. A circular field has a circumference of 360 km. three cyclist start together and can cycle 48, 60 and 72 km a day, round the field. when will they meet again ?

Q.9. Prove that $\sqrt{2}$ and $\sqrt{5}$ are irrational number.

Q.10 If two zeroes of the polynomial $f(x) = x^3 - 4x^2 - 3x + 12$ are $\sqrt{3}$ and $-\sqrt{3}$ the find its third zero.

Q.11. Reena has pens and pencils which together are 40 in number. If she has 5 more pencils and 5 less pens, then number of pencils would become 4 times the number of pens. Find the original number of pens and pencils. Solve by **three methods. graphical method , substitution method and elimination method.**

Q.12 Sum of two digit number and number formed by interchanging its digits is 110. If 10 is subtracted from the first number, the new number is 4 more than 5 times the sum of the digits in the first number. Find the first number . Solve by **three methods. graphical method , substitution method and elimination method.**

Q13. The sum of the numerator and denominator of a fraction is 12. If the denominator is increased by 3, the fraction becomes $\frac{1}{2}$. Find the fraction. Solve by **three methods. graphical method , substitution method and elimination method.**

Q.14. Check whether 5^n can end with with the digit 0. for any natural number n.

Q.15 Determine the prime factorization of each of the following number. (i) 13915
(ii) 666920

Qes 16. Draw the graph of polynomial having (i) 1 zero (ii) 2 zeroes (iii) 3 zero (iv) 4 zeroes.

Project work:

(use A4 pages)

Make a project refer to table 3.4 (Given in NCERT text book chapter 3). Give at least 5 examples (pair of linear equations) to explain each condition.

KV NO. 1 TEZPUR
SUMMER VACATION HOMEWORK
MATHEMATICS CLASS 9
SESSION (2022-23)

General Instructions: 1. Do Holiday H/W in separate notebook.
2. Neatness and presentation are common parameters for most of the activities assigned. Please maintain the quality of work done.
3. Students are directed to read Newspapers and Magazines daily and update themselves with the current affairs.

Q.1- Conduct a survey of your friends to find which kind of Game (indoor/outdoor) they like the most. Represent the information in the form of (i) **Bar graph** (ii) **Pie chart**

Q.2- Write all identities used in Chapter 2 “POLYNOMIAL”

Q.3 Classify the following numbers as rational or irrational with justification.

(i) $\sqrt{196}$

(ii) $3\sqrt{18}$

(iii) $\sqrt{\frac{9}{27}}$

(iv) $\frac{\sqrt{28}}{\sqrt{343}}$

(v) $-\sqrt{0.4}$

(vi) $\frac{\sqrt{12}}{\sqrt{75}}$

(vii) 0.5918

(viii) $(1+\sqrt{5}) - (4 + \sqrt{5})$

(ix) 10.124124...

(x) 1.010010001...

Q.4 Find three rational numbers between

(i) -1 and -2 (ii) 0.1 and 0.11

Q.5- Find three irrational numbers between

(i) $\frac{5}{7}$ and $\frac{6}{7}$ (ii) $\frac{1}{4}$ and $\frac{1}{5}$

Q.6- Locate $\sqrt{5}$, and $\sqrt{7}$ on the number line.

Q.7- Locate $\sqrt{4.8}$, $\sqrt{9.2}$ and on the number line.

Q.8- Express the following in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$

(i) 0.2 (ii) 0.888..... (iii) 5.2323..... (iv) 4.47777..... (v) 0.2555.....

Q.9- Find the value of k if $x-1$ is a factor of $p(x)$ in each of the following case.

(i) $p(x) = kx^2 - 3x + k$ (ii) $kx + 1$ (iii) $k+1+x$

Q.10- Simplify

$$(i) (1^3 + 2^3 + 3^3)^{\frac{1}{2}} \quad (ii) \left(\frac{3}{5}\right)^4 \left(\frac{8}{5}\right)^{-12} \left(\frac{32}{5}\right)^6$$

$$(iii) \left(\frac{1}{27}\right)^{-\frac{2}{3}} \quad (iv) \left[\left((625)^{-\frac{1}{2}}\right)^{-\frac{1}{4}}\right]^2$$

$$(v) \frac{9^{\frac{1}{3}} \times 27^{-\frac{1}{2}}}{3^6 \times 3^{-\frac{2}{3}}} \quad (vi) 64^{-\frac{1}{3}} \left[64^{\frac{1}{3}} - 64^{\frac{2}{3}}\right]$$

$$(vii) \frac{8^{\frac{1}{3}} \times 16^{\frac{1}{3}}}{32^{-\frac{1}{3}}}$$

Q.11 Use factor theorem to determine which of the following polynomial has $(x+1)$ a factor.

(i) $x^3 + x^2 + x + 1$ (ii) $x^4 + 3x^3 + 3x^2 + x + 1$

Q12. Factorise (i) $x^3 + 13x^2 + 32x + 20$ (ii) $2y^3 + y^2 - 2y - 1$

Q 13. Evaluate using identities . (i) 999 (ii) 103 (iii) 98×202

Q14. Factorise (i) $2x^2 + y^2 + 8z^2 - 2\sqrt{2}xy + 4\sqrt{2}yz - 8xz$ (ii) $y^2 + -5y + 6$

Project work:

(use A4 pages)

(i) Make a project on history of Number π (pie). (ii) Bring articles, amazing facts, riddles, recent discoveries in the field of Mathematics. (any 3)

(Make a project file writing biodata at the first page and conclusion at last.)

KV NO1 TEZPUR

SUMMER BREAK HOLIDAY HOMEWORK, May 2022

CLASS: VI

SUB: SOCIAL SCIENCE

TO BE DONE IN THE HOLIDAY HOMEWORK COPY AND NOWHERE ELSE

INSTRUCTIONS:-

- *Answers should be brief and to the point and word limit should be adhered to as far as possible.*
- *Use colour whenever required.*
- *PT 1 Test will be conducted after holiday and it will help you in your preparation.*
- *The date of submission of holiday homework is 20th June, 2022.*
- *Do practice separately.*

FILL IN THE BLANKS:

1. _____ was the first man to step on the surface of the moon.
2. _____ is called the Earth's twin.
3. All the planets move around the Sun in a _____ path.
4. Planets do not have their own _____ and _____.
5. The Standard meridian of India is _____.
6. _____ is a miniature model of the earth.

SHORT QUESTIONS: (Within 30 words)

1. What is Diversity?
2. Who coined the phrase 'unity in diversity'?
3. What is equator ?
4. What is Prime meridian?
5. What is Galaxy?
6. Who are hunter-gatherers?
7. What is a globe?
8. Name the smallest and largest planet in the solar system?

LONG QUESTIONS: (Within 100 words)

1. How does the Pole star help to determine directions during the night? Explain.
2. What is man-made satellite? How does man-made satellite help us?
3. The Earth is called a blue planet. Explain.
4. Mention the differences between the followings-
 - a. Star and Planets
 - b. Latitudes and Longitudes
5. Does diversity in India poses a challenge to its unity? Explain in your own words.
6. Draw a diagram of the earth and shows the followings -
 - a. Equator
 - b. Tropic of Cancer
 - c. Tropic of Capricorn
 - d. Arctic circle
 - e. Antarctic circle

7. PREPARE A PORTFOLIO AND INCLUDE THE FOLLOWINGS

| PORTFOLIO | ACTIVITY |
|--|--|
| <p>In the first page give your details: Name, class and Section, Subject, house, blood group, your hobbies</p> | <p>1. MAP WORK: Draw a map of India and indicate the followings- a. Indus river b. Narmada River c. Garo hills d. Vindhya mountains.</p> <p>2. EXPERIMENT: Take a ball to represent the earth and a lighted candle to represent the sun. Mark a point on the ball to represent a town X. Place the ball in such a way that the town X is in darkness. Now rotate the ball from left to right. What you have seen write down on your copy. As the ball continues to move, the point X gradually gets away from the sun. Can we call it sunset? Explain in your own words.</p> |
| | |

STAY IN HOME, STAY SAFE

ENJOY YOUR HOLIDAY

Summer Vacation 2022-23 Homework

Class: XII-A

Subject: Computer Science

ACTIVITY 1 (PROGRAMMING)

Develop following Python programs using laptop/ desktop/ mobile phone and write the code and **paste printout of output in notebook.**

NOTE: In each program, first 2 lines of code should be as given below-

```
print("Name: " , <Your Name>)  
print("RollNo: " , <Your RollNo>)
```

PROGRAMS

- Write a program to print natural numbers from 1 to 20 using following rules-
 - If a number is divisible by 3 print '***' ,
 - If number is divisible by 4, print '\$\$\$\$'
 - Otherwise print the number.
- Write a program to print natural numbers from 1 to 20 using following rules-
 - If a number is divisible by 3 print the equal number of stars,
 - Otherwise print the number.
 - Expected output should be
1
2

4
5

And so on...
- Write a program to get 2 lists L1 and L2 from user and create a new list L3 by adding respective (1st element of L1 should be added to 1st element of L2 and so on) elements of L1 and L2.
For example
If L1 = [2,3,5,8]
L2 = [1,3,2,2]
Then L3 should be – [3,6,7,10]
- Write a program in python to display only the even elements from a given list of numbers.
For example – If given list is L = [1,2,3,4,5]
program should display - 2,4
- Write a function ADD_LIST(L, N) in Python. Here L is a list of numbers and N is any number. Function should add number N into each element of list L.
For example if MYLIST = [2,5,3,1]
So, ADD_LIST(MYLIST, 3) should add number 3 into each element of MYLIST.
So now MYLIST should be [5,8,6,4]
- Write a function DELETE_LIST(L, N) in Python. Here L is a list of numbers and N is any number. Function should delete all occurrences of number N from list L.
For example if MYLIST = [2,5,3,1,3,4,2,3]
So, DELETE_LIST(MYLIST, 3) should delete all occurrences of number 3 from MYLIST.
So now MYLIST should be [2,5,1,4,2]

7. Write a program in python to calculate sum of all elements of a given list of numbers.
For example-
if given list is $L = [1,3,5,7]$
Then the program should calculate sum of all elements of L and
output should be – 16
8. Write a program in python to get a string from user and count the number of words in it.
9. Write a Python program to get a string from user and calculate sum of digits in the entered string, if there is no digit, print ZERO.
For example if entered string is – “KVK23”, output should be 5 (i.e. 2 + 3)
if entered string is – “KVK”, output should be ZERO
10. Write a Python program to remove duplicate characters of a given string.
11. Write a Python program to find the second most repeated word in a given string.
12. Write a Python program to change a given string to a new string where the first and last chars have been exchanged.
So if entered string is – “ABBCCD” , output should be “DBBCCA”
13. Write a function PWD_CHECK() in Python to get password from user and check validity of a password entered by user. A valid password
 - must contain at least 8 characters
 - must contain at least one uppercase and one lowercase letter
 - must contain at least one special character
 If password is not valid, It should print “INVALID Password”
14. Write a python program to read a file “INPUT.txt” and display size of file in bytes. (Hint: 1 byte = 1 character)
15. Write a python program to read a text file “Original.txt” and copy its contents in “Copy.txt”
16. Write a program to count the number of spaces in a given file “Story.txt”.
17. Write a program to get Name and marks of 5 students from user and store this detail in file RESULT.txt
18. Write a program to read a file INPUT.txt and create 3 files ALPHABETS.txt, DIGITS.txt and OTHERS.txt. All letters from INPUT.txt should be copied to ALPHABETS.txt, all digits to DIGITS.txt and all other characters to OTHERS.txt
19. Write a program in Python to read a file STORY.txt and display only those words which are longer than 5 characters.
20. Write a program to read a file EMAIL.txt and delete word “Password” from the file.

ACTIVITY 2

1. Write all keywords in notebook and try to memorize them
2. Write all operators of Python and one example of each operator
for example-
 - i. + (Addition) $5 + 6 = 11$
 - ii. – (Subtraction) $7 - 3 = 4$
3. Write and explain all List functions (i.e. append(), extend() etc). Take a list L and use each function on this list.
4. Write and explain all String functions (i.e. capitalize(), isupper() etc). Take a string S and use each function on this string.
5. Write and explain all dictionary functions (i.e. keys(), values() etc). Take a dictionary D and use each function on this dictionary.

HOLIDAY HOMEWORK

INFORMATICES PRACTICES

Q.1 What is Pandas Library of Python? What is its significance?

Q.2 What do you understand by axes in a NumPy array? Define axes for a 2D ndarray?

Q.3 How is Series data structure different from a dataframe data structure?

Q.4 Write code to create a Series object using the Python sequence [1, 3, 5, 7, 9]. Assume that Pandas is imported as alias name pd.

Q.5 Write a program to create a Series object using individual character 'p', 'y', 't', 'h', 'o', and 'n'. Assume that Pandas is imported as alias name pd.

Q.6 Write a program to create a Series object using six different words : 'I', 'am', 'student', 'of', 'Takshila'. Assume that Pandas is imported as alias name pd.

Q.7 Write a program to create a Series object using an ndarray that has 5 elements in the range 35 to 70.

Q.8 Write a program to create a Series object using an ndarray that is created by tiling a list [7, 5] twice.

.9 Write a program to create a Series object using a dictionary that stores the number of students in each section (A, B, C, D, E) of class XII in your school

Q. 10 Write a program to create a Series object that stores the initial budget allocated (75000/- each) for the 4 quarters of the year : Qtr1, Qtr2, Qtr3 and Qtr4.

Q11 What is a Series and how is it different from a 1-D array, a list, and a dictionary?

Q12 What is a DataFrame and how is it different from a 2-D array?

Q13 How are DataFrames related to Series?

Q14 What do you understand by the size of (i) a Series, (ii) a DataFrame?

Q15 Create the following Series and do the specified operations:

EngAlph, having 26 elements with the alphabets as values and default index values.

Q16 Create the following DataFrame Sales containing year-wise sales figures for five salespersons in INR. Use the years as column labels, and salesperson names as row labels.

| | 2014 | 2015 | 2016 | 2017 |
|---------|-------|-------|--------|-------|
| Madhu | 100.5 | 12000 | 20000 | 50000 |
| Kusum | 150.8 | 18000 | 50000 | 60000 |
| Kinshuk | 200.9 | 22000 | 70000 | 70000 |
| Ankit | 30000 | 30000 | 10000 | 80000 |
| Shruti | 40000 | 45000 | 125000 | 90000 |

Q17 Use the DataFrame created in Question 9 above to do the following:

- Display the row labels of Sales.
- Display the column labels of Sales.
- Display the last two rows of Sales.
- Display the first two columns of Sales.
- Create a dictionary using the following data. Use this dictionary to create a DataFrame Sales2.

| | 2018 |
|---------|--------|
| Madhu | 160000 |
| Kusum | 110000 |
| Kinshuk | 500000 |

| | |
|--------|--------|
| Ankit | 340000 |
| Shruti | 900000 |

Q18 Write a program to create Pandas series from dictionary of values and nd array.

Q19 Write a program to perform mathematical operation on two Pandas series object.

KENDRIYA VIDYALAYA NO. 1, TEZPUR

HOLIDAY HOMEWORK (SUMMER VACATION 2022-23)

CLASS: XII

SUBJECT: MATHEMATICS

TEACHER: BALKAR

RELATIONS AND FUNCTIONS

3. Show that the relation R on \mathbb{R} defined as $R = \{(a, b) : a \leq b\}$, is reflexive, and transitive but not symmetric.

4. Prove that the function $f : \mathbb{R} \rightarrow \mathbb{R}$, defined by $f(x) = x^2 + x + 1$ is one-one but not onto.

Find the inverse of $f : \mathbb{R} \rightarrow S$, where S is range of f .

5. Check whether the relation R defined on the set $A = \{1, 2, 3, 4, 5, 6\}$ as $R = \{(a, b) : b = a + 1\}$ is reflexive, symmetric or transitive.

6. Let $f : \mathbb{R} \rightarrow Y$ be a function defined as $f(x) = 4x + 3$,

where $Y = \{y \in \mathbb{R} : y = 4x + 3 \text{ for some } x \in \mathbb{R}\}$. Show that f is bijection.

*7. Show that the relation R on \mathbb{Z} of all integers defined as $R = \{(a, b) : 2 \text{ divides } (a - b)\}$, is an equivalence relation.

9. Let $A = \mathbb{R} - \{2\}$ and $B = \mathbb{R} - \{1\}$. If $f : A \rightarrow B$ is a function defined by $f(x) = \frac{x-1}{x-2}$, show that f is one-one and onto.

10. Show that the relation S in the set $A = \{x \in \mathbb{R} : 0 \leq x \leq 12\}$ defined as

$S = \{(a, b) : a, b \in \mathbb{R}, |a - b| \text{ is divisible by } 3\}$, is an equivalence relation.

11. Prove that the relation R in the set $A = \{1, 2, 3, 4, 5, 6, 7\}$ given by $R = \{(a, b) : |a - b| \text{ is even}\}$ is an equivalence relation.

12. Show that the function $f : A \rightarrow A$, where $A = \mathbb{R} - \left\{ \frac{2}{3} \right\}$ defined as $f(x) = \frac{4x+3}{6x-4}$ is one-one and onto.

INVERSE TRIGONOMETRY

1. Draw the graphs of (i) $\sin^{-1} x$ (ii) $\cos^{-1} x$ (iii) $\tan^{-1} x$ (iv) $\cot^{-1} x$ (v) $\sec^{-1} x$
 (vi) $\operatorname{cosec}^{-1} x$. Also write the domain and range in each case.
2. Find the principal values of the following:

(i) $\tan^{-1}(\sqrt{3})$ (ii) $\cos^{-1}\left(\frac{-\sqrt{3}}{2}\right)$ (iii) $\cot^{-1}(-\sqrt{3})$ (iv) $\operatorname{cosec}^{-1}(-\sqrt{2})$

MATRICES

1. If $\begin{bmatrix} 1 & 2 \\ 2 & 1 \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} 5 \\ 4 \end{bmatrix}$, then find the value of y .

2. Find the value of $x-y$, if $2\begin{bmatrix} 1 & 3 \\ 0 & x \end{bmatrix} + \begin{bmatrix} y & 0 \\ 1 & 2 \end{bmatrix} = \begin{bmatrix} 5 & 6 \\ 1 & 8 \end{bmatrix}$

3. If $3A - B = \begin{bmatrix} 5 & 0 \\ 1 & 1 \end{bmatrix}$ and $B = \begin{bmatrix} 4 & 3 \\ 2 & 5 \end{bmatrix}$, then find the matrix A .

4. Find $|AB|$, if $A = \begin{bmatrix} 0 & -1 \\ 0 & 2 \end{bmatrix}$ and $B = \begin{bmatrix} 3 & 5 \\ 0 & 0 \end{bmatrix}$

5. Suppose P and Q are two different matrices of order $3 \times n$ and $n \times p$, then the order of the matrix $P \times Q$ is?

6. Find a matrix A such that $2A - 3B + 5C = O$, where $B = \begin{bmatrix} -2 & 2 & 0 \\ 3 & 1 & 4 \end{bmatrix}$ and $C = \begin{bmatrix} 2 & 0 & -2 \\ 7 & 1 & 6 \end{bmatrix}$

7. Find the value of $(x-y)$ from the matrix equation $2\begin{bmatrix} x & 5 \\ 7 & y-3 \end{bmatrix} + \begin{bmatrix} -3 & -4 \\ 1 & 2 \end{bmatrix} = \begin{bmatrix} 7 & 6 \\ 15 & 14 \end{bmatrix}$.

8. Show that for the matrix $A = \begin{bmatrix} 1 & 1 & 1 \\ 1 & 2 & -3 \\ 2 & -1 & 3 \end{bmatrix}$, $A^3 - 6A^2 + 5A + 11I = O$. Hence, find A^{-1} .

9. If $A = \begin{bmatrix} 1 & -1 & 1 \\ 2 & -1 & 0 \\ 1 & 0 & 0 \end{bmatrix}$, find A^2 and show that $A^2 = A^{-1}$.

10. If $A = \begin{bmatrix} 3 & 9 & 0 \\ 1 & 8 & -2 \\ 7 & 5 & 4 \end{bmatrix}$ and $B = \begin{bmatrix} 4 & 0 & 2 \\ 7 & 1 & 4 \\ 2 & 2 & 6 \end{bmatrix}$, then find the matrix $B'A'$.

$$B = \begin{bmatrix} 2 & 2 & -2 \\ -1 & 3 & 4 \\ 1 & -2 & -3 \end{bmatrix}$$

11. Express the matrix B as the sum of a symmetric and skew symmetric matrix.

12. If $A = \begin{bmatrix} \cos \alpha & \sin \alpha \\ -\sin \alpha & \cos \alpha \end{bmatrix}$, then verify that $AA^T = I$.

ग्रीष्मावकाश गृह कार्य – 2022-23

कक्षा – VI अ

विषय:- हिंदी

प्रश्न-1 :- आपकी पुस्तक 'बाल रामकथा' के आरम्भ में मुद्रित नागरिकों के 11 मूल कर्तव्य को याद करें, और याद करने के उपरांत अपनी कॉपी में लिखें।

प्रश्न-2 :- नागरिकों के मूल कर्तव्यों में से आप किन-किन कर्तव्यों का पालन करते हैं ? लिखिए।

प्रश्न-3 :- प्रेमचंद की कोई दो कहानी (जंगल की कहानियां / कुत्ते की कहानी / तलवार और त्याग / कलम आदि) पढ़िए और उस कहानी के प्रमुख पात्रों के बारे में लिखिए। साथ ही यह भी लिखिए कि आपने इन कहानियों से क्या शिक्षा प्राप्त की ?

अथवा

महादेवी वर्मा द्वारा लिखित पुस्तक "मेरा परिवार" पढ़िए। आपको यह पुस्तक पढ़ कर कैसी लगी ? आपने इस किताब से क्या-क्या शिक्षा प्राप्त की ? लिखिए।

प्रश्न-4 :- गर्मी की छुट्टियों में सभी बच्चे अपने माता-पिता और बड़े-बुजुर्गों के पसंद के अच्छे-अच्छे कार्य करते हैं। इन गर्मी की छुट्टियों में आपने कौन-कौन से अच्छे कार्य किए ? उन कार्यों के बारे में लिखिए।

प्रश्न-5 :- 'बाल रामकथा' के प्रथम पाठ "अवधपुरी में राम" पढ़िए। पढ़ने के बाद उसके प्रत्येक पृष्ठ से कम से कम तीन प्रश्न बनाइये और उसका उत्तर भी लिखिए।

प्रश्न-6 :- इन गर्मी की छुट्टियों में आप कहीं घुमने गए हैं तो यात्रा के अनुभवों के बारे में खूब अच्छे से लिखिए। या, गर्मी की छुट्टियों में आपने मौसम का आनंद कैसे लिया ? क्या किसी दिन आपके साथ कोई रोचक घटना घटित हुई ? लिखिए।

खूब साफ़-साफ़ और सुंदर-सुंदर वर्तनी में लिखिए। आवश्यक लगे तो सुंदर चित्र भी बनाइये।

स्वस्थ रहिए : आनंदित रहिए

केन्द्रीय विद्यालय क्रमांक-1 तेजपुर

ग्रीष्मावकाश गृह कार्य – 2022-23

कक्षा – XII

विषय:- हिंदी

प्रश्न-1 :- "आत्म परिचय" कविता के आधार पर कवि 'हरिवंश राय बच्चन' के व्यक्तित्व की विशेषताओं को रेखांकित कीजिए।

प्रश्न-2 :- "भक्तिन" पाठ के आधार पर समाज में स्त्रियों के प्रति भेदभावपूर्ण व्यवहार और उनके अधिकारों के हनन पर लगभग 300-400 शब्दों में, सोदाहरण एक **फीचर** लिखिए।

प्रश्न-3 :- आप 3/37, सी. ब्लॉक, गोविन्दपुरी, प्रयागराज में रहने वाले 'अभिनव प्रकाश' हैं। आपके क्षेत्र में डाक आपूर्ति की व्यवस्था बहुत अनियमित है, जिसके कारण किसी भी नागरिक को समय से डाक नहीं मिल पाती है। इस समस्या की शिकायत करते हुए इसके समाधान हेतु मुख्य डाकघर प्रयागराज के मुख्य डाकप्रबंधक को एक पत्र लिखिए।

प्रश्न-4 :- आपके पाठ्य पुस्तक (आरोह -2 और वितान -2) में सम्मिलित साहित्यकारों/रचनाकारों में से किसी एक के द्वारा लिखित किसी एक कहानी/उपन्यास/संस्मरण/कविता संग्रह/निबंध/जीवनी को खरीदकर पढ़िए और कम से कम 500 शब्दों में उस पुस्तक की समीक्षा लिखिए।

प्रश्न-5 :- 'मनोहर श्याम जोशी' द्वारा लिखित कहानी "सिल्वर वैडिंग" पढ़कर नई पीढ़ी और पुरानी पीढ़ी के बीच व्याप्त पीढ़ीगत अंतराल या पीढ़ीगत संघर्ष को स्पष्ट कीजिए।

प्रश्न संख्या -4 के आधार पर ही आपको परियोजना कार्य के विषय आवंटित किए जायेंगे। अतः खूब साफ़-साफ़ और सुंदर वर्तनी में कार्य पूर्ण कीजिए।

केन्द्रीय विद्यालय क्रमांक-1 तेजपुर

ग्रीष्मावकाश गृह कार्य – 2022-23

कक्षा – IX ब

विषय:- हिंदी

प्रश्न-1 :- आपकी पुस्तक 'क्षितिज भाग-1' के आरम्भ में मुद्रित नागरिकों के 11 मूल कर्तव्य को याद करें, और अपनी कॉपी में लिखें।

प्रश्न-2 :- गर्मी की छुट्टियों में आप कहाँ/किस स्थान पर भ्रमण करने या घुमने गए? "ल्हासा की ओर" पाठ के आधार पर आप अपना यात्रा वृत्तांत लिखिए।

प्रश्न-3 :- गर्मी की छुट्टियों में अपने साहित्यिक समझ और भाषाई ज्ञान को बढ़ाने के लिए प्रेमचंद /हरिशंकर परसाई / जयशंकर प्रसाद / सुदर्शन /महादेवी वर्मा द्वारा लिखित कहानी/उपन्यास/निबंध/संस्मरण की कोई एक पुस्तक खरीदकर पढ़िए और उस पुस्तक की समीक्षा लिखिए।

प्रश्न-4 :- निम्नलिखित भक्त कवयित्रियों का जीवन परिचय लिखिए तथा उनकी एक-एक कविताओं को याद करके अपनी कॉपी में लिखिए।

- १- आण्डाल
- २- अक्क महादेवी
- ३- मीराबाई

प्रश्न-5 :- शरीर के अंगों के नाम पर प्रचलित किन्हीं दस हिंदी मुहावरों को लिखकर उनका अर्थ बताइए साथ ही वाक्य में प्रयोग भी कीजिए।

प्रश्न-6 :- प्राचीन भारत के किन्हीं दो मंदिरों (तंजावुर का वृहदेश्वर मंदिर, गुजरात का सोमनाथ मंदिर, देवगढ़ का दशावतार मंदिर, मुरैना का चौसठ योगिनी मंदिर) की स्थापत्य और सांस्कृतिक विशेषताओं के बारे में बताइए।

खूब साफ़-साफ़ और सुंदर-सुंदर वर्तनी में लिखिए। आवश्यक लगे तो सुंदर चित्र भी बनाइये। आपके इस गृह कार्य को विषय संवर्धन गतिविधि के अंतर्गत मूल्यांकन के लिए सम्मिलित किया जायेगा। इसके लिए अंक प्रदान किए जायेंगे। अतः खूब मन लगाकर कार्य पूर्ण कीजिए।

स्वस्थ रहिए : आनंदित रहिए

**KENDRIYA VIDYALAYA NO.1
TEZPUR, ASSAM – 784501**

**VACATION ASSIGNMENT (2022-23)
BUSINESS STUDIES (054)**

Unit 1: Nature and Significance of Management

1. Which force is consisted as the essence of management?
2. 'In order to be successful, an organization must change its goals according to the needs of the environment'. Which characteristics of management are highlighted in this statement?
3. Which function of management bridges the gap between where we stand today and where we want to reach?
4. Departmental managers are included at which level of management?
5. Name the level of management the following parts belongs to.
 - i. Purchase managers.
 - ii. CEO
 - iii. Superintendent.
6. 'Survival, profit and growth are essential target of any business' which objectives of management is referred here?
7. 'Every organization whether it is business or non-business should use environmental methods of production, give employment opportunities and provide basic amenities like schools and crèches to employees' name the objective of management indicated here?
8. How Management is an intangible force?
9. Father of Mr. 'Y' acts as Vice President in ABC Ltd. Name the level of Management he is working? Explain any two functions performed by him?
10. Mr. Anil working as a 'Sales department Head in XYZ Ltd. Name the level of Management he is working? Explain any two functions performed by him?
11. Explain any 3 functions performed by operational Level?
12. Why management is considered as Multi dimensional function?
13. "Management is Science as well as Art". Explain this statement.
14. Why is coordination important when the size of the business, functional department and specialization increase?

Chapter -2: Principles Of Management

1. Which principle of management suggests that a subordinate should receive orders from and be accountable to one superior?
2. Which principle of Taylor's Scientific Management violated Fayol's Principle of Unity of Command'?
3. "Workers should be encouraged to develop and carry out their plans for improvements". Identify the principle of management formulated by Fayol.
4. Which principle of management is violated when a manager grants one month medical leave to a superior with pay and only one week medical leave to an accountant?
5. Mohan a manager expects his colleagues to get work out of subordinates without giving them any powers. Which principle of management is being overlooked and why?
6. Which principle of management aims at securing the loyalty and devotion of the employees by giving them fair and just treatment?

7. Which principle of management envisages that each group of activities having the same objective must have one head and one plan? Explain the principle with suitable example.
 8. The production manager of an automobile company asked the foreman to achieve a target production of 200 units (Scooters) per day. But he did not give him the authority to requisition tools and materials from the store department. Can the production managers blame the foreman if he is not able to achieve the desire target? Explain briefly the principle relating to the situation.
 9. What is Gang plank? Name and explain that principle of Fayol which suggest that communication from top to bottom should follow the official lines of command?
 10. Identify the technique of scientific management which are described by the statement given below:-
 - i. When specialists supervise each worker.
 - ii. Change in the attitude of workers and management towards one another. From competition to Co-operation.
 11. Hina & Harish are typist in a company having same educational qualification. Hina is getting Rs.3000 per month and Harish Rs. 4000 per month as salary for the same working hour. Which principle of management is violated in this case? Name the principle?
 12. What do you understand by Mental Revolution?
 13. Why should 'authority' and 'responsibility' be always balanced?
 14. Why shouldn't there be 'complete centralization' or 'complete decentralization' in an organization?
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KENDRIYA VIDYALAYA NO.1
TEZPUR, ASSAM – 784501

VACATION ASSIGNMENT (2022-23)
ACCOUNTANCY (055)

UNIT 1: ACCOUNTING FOR PARTNERSHIP FIRMS - FUNDAMENTALS

1. A, B and C are partners in a firm. A, who has advanced a loan of Rs 10,000 to the firm, demands interest on his loan at 10% p.a. at the end of the accounting period. State whether the claim of A is valid or not in absence of partnership deed. Also support your answer with sufficient reason.
2. Enlist any two advantages revealed by a partnership deed.
3. What is the purpose behind preparation of Profit and Loss Appropriation Account?
4. Sabrina and Ankita started business on April 01, 2011 with their capital balances of Rs 3,00,000 and Rs 2,50,000 respectively. Sabrina withdrew from her capital Rs 50,000 on October 01, 2011 and Ankita introduced additional capital Rs 50,000 on the same day. Calculate interest on their capital at 12% per annum for the year ended March 31, 2012.
5. Harman and Preet are partners in a firm with their capital balances of Rs 10,00,000 and Rs 20,00,000 respectively on April 01, 2010. Harman withdrew Rs 10,000 in the beginning of each month and Preet withdrew Rs 20,000 at the end of each month. Calculate the interest on drawings at 10% per annum for the year.
6. Roopesh and Ravi are partners sharing profits and losses equally. Their capital accounts balances were Rs 3,00,000 and Rs 2,00,000 respectively on April 01, 2010. During the year, the firm earned profit of Rs 40,000. According to their partnership deed, interest on capital is provided at 10% per annum. Prepare the Profit and Loss Appropriation Account.
7. Anand, Rahul and Vijay are partners in a firm sharing profits and losses in the ratio 3:2:1. Their fixed capital accounts are Rs 3,00,000, Rs 2,00,000 and Rs 1,00,000 respectively. Anand is entitled to salary of Rs 5,000 per month and Rahul is entitled to commission of Rs 20,000. Interest on capital is provided at 10% per annum. Drawings made during the year by Anand, Rahul and Vijay are Rs 50,000, Rs 30,000 and Rs 20,000 respectively. Interest on drawings is to be charged at 10% irrespective of the period. Net profit for the year is Rs 4,00,000. Prepare the Profit and Loss Appropriation Account and Partners' Capital Account and Partners' Current Account.
8. Calculate interest on drawings in the below given situations.
 - i. A drew Rs 10,000 during the year; interest is to be charged @ 6% p.a.
 - ii. A drew Rs 5,000 from the firm in the beginning of every month @ 8% p.a. interest.
 - iii. A drew Rs 5,000 from the firm in the middle of every month @ 8% p.a. interest.
 - iv. A drew Rs 5,000 from the firm at the end of every month @ 8% p.a. interest.
 - v. A drew Rs 5,000 from the firm in the beginning of every quarter @ 8% p.a. interest.
 - vi. A drew Rs 5,000 from the firm in the middle of every quarter @ 8% p.a. interest.
 - vii. A drew Rs 5,000 from the firm at the end of every quarter @ 8% p.a. interest.
 - viii. A drew Rs 5,000 in the beginning of every half yearly @ 8% p.a. interest.
 - ix. A drew Rs 5,000 in the middle of every half yearly @ 8% p.a. interest.

- x. A drew Rs 5,000 at the end of every half yearly @ 8% p.a. interest.
 - xi. A drew Rs 5,000 in the beginning of every month for 9 months @ 8% p.a. interest.
 - xii. A drew Rs 2,000 on April 01, 2014 and Rs 1,000 on Oct 01, 2014, interest is to be charged @ 6% p.a. Accounts are closed on December 31, every year.
9. Show how the distribution of profit or loss will appear in Partners' Capital Account in the following cases:
- Case a)** A and B are partners sharing profit and loss in the ratio 3:2, their partnership firm incurred a loss of Rs 20,000.
- Case b)** A and B are partners sharing profit and loss in the ratio 3:2, their partnership firm earned a profit of Rs 20,000.
-
-

KENDRIYA VIDYALAYA NO1 TEZPUR 2022
SUMMER BREAK HOLIDAY HOME WORK
TO BE DONE IN THE HOLIDAY HW COPY AND NOWHERE ELSE CLASS XII A,B,C

Q1. Chennai book society is going to organize a week long Book Fair in the city during the coming autumn vacation. It has requested your school for volunteers to manage various counters. As Secretary ,Cultural Club,Chennai Public School,Write a NOTICE in 50 words inviting the names of those whowant to help. You are SAIF/KAREENA.

Q2. Very soon your school is going to be the Centre for CBSE examinations. You have seen that during lunch break students of junior classes keep going around the examination rooms and make all kinds of noises. You are PRERNA/KARAN,Head Boy/Head Girl , Akash Public school,Ajmer. Write a NOTICE in about 50 words warning such students not to go near the examination rooms.

Q3. An Inter class drama competition is to be held in St.Stephen School,Vishakhapatnam.As MONIKA/ BISHAL, HEAD BOY/GIRL draft a NOTICE to be put up on the Notice board inviting entries. Provide all relevant details.

Q4. Revise the entire portion DONE.

Give a thorough reading of the lessons.

Solve sample papers for practice.

Prepare for Assessment of Speaking and Listening (ASL). IMPORTANT

Take a topic to speak on 1.5 minutes.

- Write an invitation for Annual sports day
- Write an invitation for Annual day celebration.
- Report on tree plantation drive celebrated in your school.
- Report on Blood donation camp in your school.

5) . Read a book(novel/drama/short story) of your own choice and write a review of it.

6). Listen to classical/ traditional music programme on Radio or watch classical/ traditional music or dance programme on TV and write a short description of the performances.

7). The students council of your school has organised an excursion to Mumbai and Goa for the students of Class 11th and 12th during the summer vacation. As the President of the Council write a notice in not more than 50 words telling the students about this excursion providing all the necessary details. You are Neha/ Nikhil of Saint Joseph School Agra.

8). Your school is planning to organise a clean up day when all the students will help to clean up the school premises. This event will not only spruce the campus but it will also bring students together with a sense of ownership and common purpose. Write a notice informing students about this activity. You are Vice Principal of SM public school Chandigarh. Write the notice in 50 words.

9). Write a letter to the Editor of The Indian Express, New Delhi complaining about the frequent breakdowns in the supply of electricity in your locality, Tilak Avenues, New Delhi.

10) Write answer of the following in about 120-150 words each.

(a) Why is it important to keep one's language alive? What are the reasons behind extinction of many languages? (The Last Lesson)

(b) How far today life is insecure? Why do modern men want to escape?(The Third Level)

(c) In today's fast life, children neglect their ageing parents. What do you think children can do to have inclusive and involved relationship with their elderly parents?(My Mother at Sixty Six)

11). Solve five Reading Comprehension passages from the Sample Papers.

12) Through the different sources find the facts (causes and result) about the Franco-Prussian war and prepare a report on it. (The Last Lesson)

Q5) Book REVIEW Sudha murty's books/ Chetan Bhagat/ APJ Abdul Kalam/Jane AUSTEN/ Jeffery Archer/ Mark Twain/ Thomas HARDY/ Oscar Wilde /ANY other.

1. Name of the BOOK
2. Name of the author
3. Cost of the book
4. Publisher
5. Important characters
6. Brief about the author and other books by the author(pic)
7. Summary proper 1.5 pages.
8. Which character you liked the most and why?
9. To Which age group will you suggest the book and why?
10. Your comments after reading.

ENJOY YOUR HOLIDAYS. LEARN a new skill/ help parents.

6/5/22

Indu Singh
PGT(ENG)
K V NO 1 TEZPUR

HOLIDAY HOMEWORK

Class X A

1. Draw a schematic sectional view of the human heart.
2. Draw the structure of Nephron.
3. Draw ray diagrams for the image formation by concave mirror and convex mirror.
4. Solve exercise questions 13, 14 and 15 of chapter 10.

Class IX (A and C)

1. Draw a labelled diagram of plant or animal cell.
2. Solve Question number 9 (page no. 67).
3. Explain velocity-time graphically. (refer page no. 106)
4. Solve question number 8 on page no. 113
5. An artificial satellite is moving in a circular orbit of radius 42250 km. Calculate its speed if it takes 24 hours to revolve around the Earth.

Class VIII A

1. Draw a neat labelled diagram of Nitrogen Cycle.
2. Collect the labels from the bottles of jams and jellies. Write down the list of contents printed on the labels.
3. Device an activity to show that organic waste is biodegradable while plastic is not.
4. Solve question no. 4 of Extended learning (page no. 55)
5. Solve question no. 2 of Extended learning (page no. 63)

Class VII B

1. Collect pictures of animals whose hair is used as wool. Stick them in your notebook.
2. Procure outline maps of India and the world. Find out and mark the places on the map where you find animals that provide wool.
3. Perform the activity given in question number 4 of Extended learning (page no. 48) and write down your observations.
4. Visit a doctor. Find out the medicines he prescribes to treat acidity. Ask him how acidity can be prevented. (don't pay him any fees.)
5. Write 5 examples each of physical change and chemical change.

HOLIDAYS HOME WORK

CLASS-IX

SUBJECT :- SCIENCE

| | |
|----|--|
| 1. | Draw the labeled diagram of plant cell . |
| 2. | Draw the labeled diagram of animal cell |
| 3. | Answer the in text questions of chapter Fundamental unit of life. |
| 4. | Write the answers of exercise questions of text book, Chapters (i) Motion ,(ii) The fundamental unit of life . |
| 5. | Draw the diagram of different types of cell. |

HOLIDAYS HOME WORK

CLASS-X

SUBJECT :- SCIENCE

| | |
|----|--|
| 1. | Write the answers of in text questions of text book, Chapter:- Life process |
| 2. | Draw the labeled diagrams of (i) circulatory system, (ii) Human Heart, (iii) Nephron |
| 3. | Veins are thin walled and have valves. Justify |
| 4. | How is the wall of small intestine adapted for performing the function of absorption of food? |
| 5. | Out of a goat and a tiger, which one will have a longer small intestine? Justify your answer |
| 6. | State the role of pancreas in digestion of food. |
| 7. | Bile juice does not have any digestive enzyme but still plays a significant role in the process of digestion. Justify the statement. |

| | |
|----|--|
| 8. | In birds and mammals the left and right side of the heart are separated. Give reasons. |
|----|--|

(9) Study the table below and select the row that has the incorrect information.

| | Aerobic | Anaerobic |
|-----------------------------|--------------------------------------|-----------------------------|
| a) Location Mitochondria | Cytoplasm | |
| b) End Product | CO ₂ and H ₂ O | Ethanol and CO ₂ |
| c) Amount of ATP | High | Low |
| d) Oxygen | Needed | Not needed |

KENDRIYA VIDYALAYA NO 1 TEZPUR, GUWAHATI REGION

SUMMER HOLIDAY HOMEWORK 2022-23

CLASS XII A
SUBJECT-BIOLOGY

Q1. **Answer the following questions –**

1.1 **VSA (MCQ)** – Each question carries 1marks.

i) Which of the following best describes the function of the pollen tube?

- a) It acts as a conduit to transport male gametes from the anther to the ovule.
- b) It acts as a conduit to transport male gamete from the stigma to the ovule.
- c) It contains key nutrients that serve to nourish the newly formed zygote.
- d) It digests the tissues of the stigma, style and ovary.

ii) Pollination of a flower in which the pollen is carried by an insect is called:

- a) Anemophily c) entomophily
- b) Ornithophily d) malacophily

iii) What is the most likely reason for non-germination of pollen grain Z?

- a) Pollen grain X & Y were brought to the stigma earlier, therefore, their germination inhibited the germination of pollen grain Z.
- b) Pollen grain Z was brought to the flower by wind, while pollen grain X & Y were brought to the flower by insect.
- c) Pollen grain Z lacks protrusions that allow it to adhere properly onto the stigma surface.
- d) Pollen grain Z comes from a flower of an incompatible species.

iv) Refer to the characteristics of some flowers.

- A: The stamen hangs out of the flower, exposing the anthers to the wind.
- B: The pollen grains are tiny and light.
- C: The flower has a sweet scent.
- D: The flower petals are brightly coloured.

How many of the above characteristics are of insect pollinated flower?

- a) One b) Two c) Three d) Four

v) Which of the following is similar to autogamy, but requires pollinators?

- a) Geitonogamy b) Cleistogamy c) Apogamy d) Xenogamy

1.2 ASSERTION – REASONING QUESTIONS (1marks each)

Attempt the following questions based on the instructions given below.
For each question two statements are given A and R. Select the correct answer from the codes (a),(b),(c),(d) as given below.

- a) Both A and R are true and R is the correct explanation of the assertion.
- b) Both A and R are true, but R is not the correct explanation of the assertion.
- c) A is true, but R is false.
- d) Both A & R are false.

i)A: The germ pore is the place from where pollen tube develops after germination of the pollen.

R: Exine is missing from the germ pore

ii)A: The pollen grain has a vegetative cell and a generative cell.

R: Generative cell give rise to pollen tube and vegetative cell forms 2 male gametes.

iii)A: In ovule, nucellus is present around the embryo sac.

R: Nucellus has abundance of food reserve.

iv) A: A mature embryo sac has 7-celled 8-nucleate structure.

R: The central cell contains 2 polar nuclei.

v)A: The rewards presented to the insect in exchange of pollination can be in the form of nectar or pollen grain.

R: Symbiotic relation exists between some plants and insect to facilitate pollination and providing space for egg laying.

1.3 SA (2MARKS)

i) Among the animals, insects, particularly bees are the dominant pollinating agents. List any four characteristic features of the insect-pollinated flower.

ii) How do aquatic plants undergo pollination?

iii) Describe the structure of the embryo sac of a mature angiosperm. Explain the role of synergids in it.

iv) Does self-incompatibility impose any restrictions on autogamy? Give reasons and suggest the method of pollination in such plants.

v) Why are pollen grains produced in enormous quantities in maize?

1.4 LA 1 (3Marks each)

i) Starting with the zygote, draw the diagrams of the different stages of embryo development in a dicot.

ii) What are the characteristics of wind, water and insect-pollinated flowers?

iii) Draw a labeled diagram of the male reproductive system.

1.5 LA 2 : Case based question (1*5=5 marks)

Read the following case and answer the following:

Gynoecium is the female reproductive part of the flower. It may consist of a single or more than one pistil. These pistil may be free or fuse. Each pistils has three parts, stigma, style and ovary. Ovary has an ovarian cavity, which has one or many chambers or locules. The placenta is located inside the ovarian cavity.

Megasporangia or ovules arise from the placenta.

- i) What is the function of placenta?
- ii) Which layer provides nourishment to the female gametophyte?
- iii) Define the term monoecious plants ?
- iv) Name a plant that produces unisexual plants.
- v) Where is female gamete formed?

2. Investigatory Project: Topic of the project are given below to each student . Complete the project as per the instructions given in the class.

It should be written in the following format in A4 size paper:

- Front page

- Certificate
- Acknowledgement
- Contents
- Objective/ Aim of the project
- Hypothesis
- Introduction
- Theory
- Procedure
- Observation / Result
- Analysis and Interpretation
- Precaution
- Conclusion
- Bibliography/ References

| SL NO. | NAME OF THE STUDENT | TOPIC |
|--------|------------------------|--|
| 1 | SONALEE MANASINGHA RAY | EFFECTS OF DRUGS |
| 2 | UDITH V.T | STUDY ON INFERTILITY |
| 3 | KAJAL DEKA | TRANGENIC ANIMALS |
| 4 | JINNA BORAH | CLONING |
| 5 | SUBHADEEP SAHA | HUMAN INSULIN |
| 6 | BIVA DEBNATH | IMPACT OF GENETICALLY MODIFIED ORGANISMS |
| 7 | PRAGATI BORAH | STUDY ON PROBIOTICS |
| 8 | KHUSI SARMA | BREAST CANCER |
| 9 | PARISHMITA BORAH | SEXUALLY TRANSMITTED DISEASES |
| 10 | DHRITASHREE KALITA | IMPACT OF CORONA VIRUS |
| 11 | ABHINANDITA GAUTAM | CERVICAL CANCER |
| 12 | ROZY SMITH | STUDY ON DIABETES |
| 13 | MEHNAJ A. REHMAN | AEROPONICS |
| 14 | DEEPANSHU BAISHYA | ANTIBIOTICS |
| 15 | UDITI SARMA | DNA FINGERPRINTING |
| 16 | SUSMITA SAIKIA | GENETIC DISORDERS |

| | | |
|----|--------------------|----------------------------------|
| 17 | BISHAL MAITRA | MALARIA |
| 18 | KAUSHIK P. KASHYAP | HYDROPONICS |
| 19 | MEHFUS UDDIN AHMED | STUDY ON BIODIESEL |
| 20 | RISHIK DOLEY | STUDY ON DRUG ADDICTION IN ASSAM |
| 21 | NAYAN NISHAN | MALNUTRITION |
| 22 | BHARGABI HAZARIKA | COFFEE ADDICTION |
| 23 | PRANJIT NEOG | ANAEMIA |
| 24 | LIZA DEVI | IMPACT OF ALCOHOL |
| 25 | BOBITA BORA | ABO BLOOD GROUPING |
| 26 | ABHAY KURMI | EBOLA VIRUS |
| 27 | BRAHMISTHA PARASAR | EFFECTS OF SMOKING |
| 28 | KAVERAMA PM | ORGANIG FARMING |

KENDRIYA VIDYALAYA NO. 1 TEZPUR
SUMMER VACATION HOMEWORK 2022-23

Class: X

PORTFOLIO WORK

- ✓ Brief About Yourself (BIODATA)
- ✓ Acknowledgment Certificate
- ✓ Your aim in life
- ✓ Write some famous quotes which motivate you.
- ✓ Compose a poem or short story on your own.

READING

- ✓ Read any of your favorite books or novels and write its review.

WRITING:

- ✓ You are Tanvi/Shirish of Safdarjung Development Area, New Delhi. You are extremely disturbed about the attacks on old people living alone. Write a letter in 100-120 words to the Editor, 'The New Indian News' making people sensitive to the authorities to ensure that such attacks do not take place.
- ✓ Write a letter to the Editor of a local newspaper complaining about employing minor children both boys and girls as full domestic help which is a common feature, also advocating the need to stop such practice which deprives the children of their basic rights. You are Mahesh Kumar/Rajshree A-30, Defence Colony, New Delhi.
- ✓ Write down the difficult words and their meanings from the chapters that have been taught in the class. Also use them in forming new sentences.

GRAMMAR

Revise the rules of Subject Verb Concord, Modal Verbs, Tenses.

SPEAKING

Practice an effective Introduction of yours. (**Hint:** Name, Hobbies, dreams, aspirations, likes, dislikes, family, strength, weakness etc.)

ART INTEGRATED PROJECT

Make a ppt on the different cultural (Art, tradition, Music, Dance forms, folklore, handicrafts etc) aspects of Goa/ Coorg/ Assam

Make a beautiful Chart of any poem, poster, grammar or any topic related to the subject English for display board, **Use your creativity to bring the best result.**

KENDRIYA VIDYALAYA NO. 1 TEZPUR
SUMMER VACATION HOMEWORK 2022-23

Class: IX

PORTFOLIO WORK

- ✓ Brief About Yourself (BIODATA)
- ✓ Acknowledgment Certificate
- ✓ Your aim in life (150words)
- ✓ Write some famous quotes which motivate you.
- ✓ Compose a poem or short story on your own.

READING

- ✓ Read any of your favorite books or novels and write its review.

WRITING:

- ✓ Write a diary entry about how you enjoyed the celebration of your birthday last week when several friends and relatives made the occasion lively and worth remembrance. Write it in about 100-150 words.
- ✓ Write down the difficult words and their meanings from the chapters that have been taught in the class. Also use them in forming new sentences.
- ✓ Nowadays use of digital devices has increased and digital servicesServices (given on Page No. 15, NCERT, Beehive)

GRAMMAR

Revise the rules of Subject Verb Concord, Tenses

SPEAKING

Practice an effective Introduction of yours. (**Hint:** Name, Hobbies, dreams, aspirations, likes, dislikes, family, strength, weakness etc.)

ART INTEGRATED PROJECT

Find out about the history and origin of 3 different Indian musical instruments. Make a beautiful Chart of any poem, poster, grammar or any topic related to subject English for display board, **Use your creativity to bring the best result.**

KV NO1 TEZPUR

SUMMER BREAK HOLIDAY HOMEWORK, May 2022

CLASS: XIIB

SUB: POLITICAL SCIENCE

TO BE DONE IN THE HOLIDAY HOMEWORK COPY AND NOWHERE ELSE

INSTRUCTIONS:-

- Answers should be brief and to the point and word limit should be adhered to as far as possible.
- PT 1 Test will be conducted after holiday and it will help you in your preparation.
- The date of submission of holiday homework is 20th June, 2022.
- Do practice separately.

Very Short Question: (word limit 25)

1. Who is called the Iron man of India?
2. Who was the King of the Princely State of Kashmir when it joined India?
3. What are 'Razakars'?
4. When was the Princely State of Hyderabad acceded into India?
5. What do you mean by Arab Spring?
6. What is the full form of USSR?
7. Who was the Chairman of the Planning Commission?
8. When was the States Reorganisation Commission constituted?
9. When was the Berlin Wall collapsed?
10. Who propounded the Two Nation Theory?
11. Which Organisation is called the 'Think Tank' of India?
12. When was the Planning Commission formed?
13. Who is the first Vice-Chairperson of NITI Aayog?
14. Who is the current Vice-Chairperson of NITI Aayog?
15. NITI Aayog is based on Cooperative federalism. (mention true or false)
16. Who is the first Chief Executive Officer of NITI Aayog?
17. Who is the Current Chief Executive Officer of NITI Aayog?

Short Questions (word limit: 40 words)

1. What is Bipolarity? When was bipolarity emerged in the World politics?
2. What is Global war on terror?
3. When was the Operation desert storm launched?
4. When was the NATO formed? What was its objective?
5. Discuss the Two Nation Theory.
6. What is Green Revolution?
7. Mention two differences between NITI Aayog and Planning Commission?
8. When and where the first summit of Non Alignment Movement took place?
9. Name two founding members of NAM.
10. Name the reform policies initiated by Mikhail Gorbachev.
11. Name two Arms control treaty signed between USA and USSR during the Cold war era.
12. What do you mean by Third world?

Long Questions :(Word limit: 150)

1. Explain the three Challenges faced by India immediately after Independence?
2. Explain the Consequences of the Green revolution in India?
3. Discuss the debates related to Indian Planning.
4. Why did the Super powers need the support of small countries during the cold war?
5. Critically discuss the composition of the NITI Aayog. Mention its main functions.

PROJECT: (In summer vacation the students will begin their projects on assigned topics)

Instructions:

- ✚ Write in A4 size paper.
- ✚ The Projects should be hand written
- ✚ It must includes the following heads-
 - Front page- Title of Project, Name and other details of Student, teacher name
 - Contents

- *Introduction*
- *Main body- you may use sub-headings, add pictures and data as and when required*
- *Bibliography- the sources you have used to prepare the project.*

| Sl no | Name of Student | Project title |
|--------------|------------------------|---|
| 1 | AKSHA G | Indira Gandhi and National Emergency of 1975 |
| 2 | AKSHITA SAIKIA | Sardar Patel – his role in the unification of India |
| 3 | ANCHAL KUMARI | India: its emergence as a Global power |
| 4 | ANINDITA BARUAH | Partition of India and its consequences |
| 5 | ANSHIKA GUPTA | Rise of Israel as an alternative centre of power |
| 6 | CHANDINI SULTANA | Planning In India |
| 7 | GAYATREE DAS | NITI Aayog |
| 8 | GOLDI KUMARI | USA and its dominance in the World |
| 9 | ISHA MONI KATAKI | ASEAN: an emerging power |
| 10 | KANKANA SAIKIA | The Arab Spring and its consequences |
| 11 | KRIPRIYA HAOBAM | European Union- Challenges and Prospects |
| 12 | KUMARI ISHA | Sri Lanka- Its emergence as a nation |
| 13 | MURCHANA SARMAH | India- China relationship |
| 14 | NARGIS RAHMAN | Russia- a super power |
| 15 | NIKITA SUNDI | Democratisation of Maldives |
| 16 | PARISHMITA DAS | SAARC- prospects and challenges |
| 17 | PARISMITA BORO | Emergence of Bangladesh as an Independent Country |
| 18 | PARMITA MALI | Jay Prakash Narayan and Total revolution |
| 19 | PAROMITA DEBNATH | Jawaharlal Nehru and his approach towards Nation-building |
| 20 | PINKI NATH | |
| 21 | PRACHI BARUAH | Contemporary Challenges to human security |

| | | |
|----|------------------------|--|
| 22 | PRIYANKA SAHOO | India's nuclear doctrine |
| 23 | PROSHUTI BORA | 9/11 attack and USA's retaliation |
| 24 | RANJANA DEKA | Non-Alignment Movement and future prospects |
| 25 | SEHNAJ AKHTAR | State of Democracy in Pakistan |
| 26 | SWETA SINGH RAJPOOT | Rise and Fall of the USSR |
| 27 | TRIPTI DEVI | Reorganisation of States in India. |
| 28 | ABHIJIT SAIKIA | Planned Development: its history and contemporary relevance in India |
| 29 | AMIT SAH | India- Israel Relationship |
| 30 | AMLAN JYOTI KATAKI | Dynamic relationship of India-USA |
| 31 | AYAN JYOTI BORAH | Globalisation and its cultural consequences. |
| 32 | BISHAL MECH | Party system in India |
| 33 | BISHAL NATH | United Nations Organisation and its relevance in the contemporary world. |
| 34 | DIPJYOTI DEKA | Security and Contemporary Challenges to human security |
| 35 | KRISHANU SHARBON RISHI | BJP: its rise in the present time |
| 36 | MANISH KURMI | Japan : its emergence as a global power. |
| 37 | MANJIL AHMED | Democratic upsurge in India |
| 38 | PIUS NEWAR | The Kashmir issue: history and future |
| 39 | PRINCE NATH | Jay Prakash Narayan and Total revolution. |
| 40 | PRIYANSHU KALITA | Indian Foreign Policy: history and future prospects |
| 41 | PRIYOM PRATIM BORO | India-Bhutan relationship |
| 42 | PROBIN DAS | Conservation of Natural resources |
| 43 | RANJAN ROY | India-Bangladesh relationship |
| 44 | UDAY KUMAR DAS | Environmental Movements in India |
| 45 | YOGENER SINGH | SAARC: Challenges and Future prospects |
| 46 | VANSH YADAV | NITI Aayog and its importance |

➤ Last date of Submission: 20 June, 2022.

Stay home, Stay safe.

Enjoy your holiday.

Kendriya Vidyalaya No. 1 Tezpur
Summer Vacation (2022-23)
Holiday Homework
Class 8th
Subject – English

1) You are Ram/ Rani, the head boy/ girl of Kabir Model School, Chandigarh. Your school is organizing a tour to Rajasthan. Draft a notice inviting students who want to join the tour. Put the notice in the box.

2) You are Jaspreet / Jagdish of class VII. You found a purse in the school library. Write a notice for the notice board of your school inviting its rightful owner to furnish necessary details to claim it back from you.

3) You are Ramesh. Today you had the following conversation with Rajesh, a friend of your elder brother.

Rajesh: Hello! Is it 9912345632?

Ramesh: Yes. I'm Ramesh speaking. What can I do for you?

Rajesh: Well, Ramesh! I'm Rajesh, you know your brother's friend.

Ramesh: Oh, I see. Well, my brother is not here now. So what can I help you with ?

Rajesh: Could you please convey to him that he should bring my practical book today to school as I need it in class today.

Ramesh: That's fine. I'll do that.

As you are leaving for morning walk, write a message for your brother in about 50 words. Put your message in the box.

4) Read the following conversation carefully.

Rakhi: Hello! Is it 9008497416?

Rachna: Yes, please. Who's on the line?

Rakhi: I'm Rakhi, a friend of Ruchi. Where is she?

Rachna: Oh! Sorry. Actually she has forgotten her mobile here. She has gone to market . Can I help you?

Rakhi: Oh, sure. In fact, I wanted to convey to her that today's music class shall be suspended because the teacher is not well. Instead it will be held on Sunday. So she should remember it.

Could you please pass this message to her?

Rachna: Oh sure. Thank you .

Rakhi: Thank you too.

As Rachna is going to her coaching classes, She needs to reproduce the message for Ruchi. Write a message on her behalf with every detail.

5) Revise the chapters which have already been done and summarize them in your own words. Learn atleast two questions per day.

6) Make a list of 40 Main Verbs (Regular/ Irregular) in the format given below. Some examples are shown below:

| S. N. | 1 st Form | 2 nd Form | 3 rd Form |
|-------|----------------------|----------------------|----------------------|
| 1. | Go | Went | Gone |
| 3. | Look | Looked | Looked |
| 4. | See | Saw | Seen |

7) Form Verbs from the following words by adding either a prefix or a suffix and use them in a sentence :

- dark
- food
- memory
- sure
- just
- right
- custom
- power
- public
- courage
- large
- bath
- apology
- popular
- class

8) Find out 10 adjectives from “How the Camel Got His Hump” and write down in your note book in three different degrees. Follow the e.g. given bellow:

| Positive | Comparative | Superlative |
|----------|-------------|-------------|
| Good | Better | Best |
| | | |

9) Make a Tense Chart with examples of positive, negative, and interrogative sentences in your note book. Follow the e.g. given below:

Present Tense

| | | |
|---|---|--|
| Simple Present tense | S + V₁/V_{1+s/es}+ O. S + do/does +not+ V₁ + O. Do/Does +Sub+ V₁ + O? | I write a letter. I do not write a letter. Do I write a letter? |
| Present Continuous Tense | | |
| Present Perfect Tense | | |
| Present Perfect continuous Tense | | |

10) Read a book (Short Story,Drama, Novel) of your choice and write a review a review of it. Also Present a review on the stage when the school reopens. A list of books is being suggested:

- Kabuliwala by Rabindranath Tagore
- Untouchable by Mulk Raj Anand
- Children's Omnibus by Ruskin Bond
- Malgudi Days by R.K. Narayan

KENDRIYAVIDYALAYANO.1 TEZPUR

Holiday Homework

Class: VIII Subject: Social Science

A. History

1. How, When and Where- Essay writing on 'Problems of Periodization in History'
2. From Trade to Territory- Prepare a Time-line of various events in history of India from the coming of British to the Revolt of 1857.
Also paste pictures of Governor Generals of British India.

B. Geography

- Data Collection- Prepare a list of resources found in your state. Also highlight the resources that the state is deficient in.
- Poster Making- Make a poster on 'Conservation of Resources'. Poster can depict problems of resource depletion, use of alternate resources and any innovative methods.
- Paste newspaper article on vegetation and wildlife.
(Newspaper cuttings can be related to problems like deforestation, loss of habitat due to mining, hunting, trade of animal parts, steps taken by Government for protecting forest and wildlife)

C. Civics

(Activities to be done in Home work notebook)

- Designing Preamble- Design a preamble for your school abiding to all the rights and duties of all the students in school. You can also take hint from preamble of 'Constitution of India'.
- Collect pictures of all the members of constituent assembly and prepare a chart, while highlighting their states.

D. Map work

On Political map of India-

- States and Capitals of all the Indian States and UTs

World Map-

- Continents and Oceans
- History: ch.2. Routes to India in the 18th century (Fig.2)

KV NO1 TEZPUR

SUMMER BREAK HOLIDAY HOMEWORK, May 2022

CLASS: VI

SUB: SOCIAL SCIENCE

TO BE DONE IN THE HOLIDAY HOMEWORK COPY AND NOWHERE ELSE

INSTRUCTIONS:-

- *Answers should be brief and to the point and word limit should be adhered to as far as possible.*
- *Use colour whenever required.*
- *PT 1 Test will be conducted after holiday and it will help you in your preparation.*
- *The date of submission of holiday homework is 20th June, 2022.*
- *Do practice separately.*

FILL IN THE BLANKS:

1. _____ was the first man to step on the surface of the moon.
2. _____ is called the Earth's twin.
3. All the planets move around the Sun in a _____ path.
4. Planets do not have their own _____ and _____.
5. The Standard meridian of India is _____.
6. _____ is a miniature model of the earth.

SHORT QUESTIONS: (Within 30 words)

1. What is Diversity?
2. Who coined the phrase 'unity in diversity'?
3. What is equator ?
4. What is Prime meridian?
5. What is Galaxy?
6. Who are hunter-gatherers?
7. What is a globe?
8. Name the smallest and largest planet in the solar system?

LONG QUESTIONS: (Within 100 words)

1. How does the Pole star help to determine directions during the night? Explain.
2. What is man-made satellite? How does man-made satellite help us?
3. The Earth is called a blue planet. Explain.
4. Mention the differences between the followings-
 - a. Star and Planets
 - b. Latitudes and Longitudes
5. Does diversity in India poses a challenge to its unity? Explain in your own words.
6. Draw a diagram of the earth and shows the followings -
 - a. Equator
 - b. Tropic of Cancer
 - c. Tropic of Capricorn
 - d. Arctic circle
 - e. Antarctic circle

7. PREPARE A PORTFOLIO AND INCLUDE THE FOLLOWINGS

| PORTFOLIO | ACTIVITY |
|--|---|
| <p>In the first page give your details: Name, class and Section, Subject, house, blood group, your hobbies</p> | <p>1. MAP WORK: Draw a map of India and indicate the followings-</p> <ol style="list-style-type: none"> a. Indus river b. Narmada River c. Garo hills d. Vindhya mountains. <p>2. EXPERIMENT: Take a ball to represent the earth and a lighted candle to represent the sun. Mark a point on the ball to represent a town X. Place the ball in such a way that the town X is in darkness. Now rotate the ball from left to right. What you have seen write down on your copy. As the ball continues to move, the point X gradually gets away from the sun. Can we call it sunset? Explain in your own words.</p> |
| | |

STAY IN HOME, STAY SAFE

ENJOY YOUR HOLIDAY

KENDRIYA VIDYALAYANO.1 TEZPUR

Holiday Homework

Class:12th Subject: Geography

Map work

Fundamentals of Human Geography

Class XII - Textbook I (NCERT)

Map Items for identification only on outline political map of the World.

| | | |
|-----------------|------------|---|
| Unit-1 | Ch.-1 | Nil |
| Unit-2 | Ch. 2 to 4 | 1 The largest country in each continent in terms of area |
| Unit-3 | Ch. 5 to 7 | 1 Areas of subsistence gathering Primary Activities 2 Major areas of nomadic herding of the world 3 Major areas of commercial livestock rearing 4 Major areas of extensive commercial grain farming 5 Major areas of mixed farming of the World |
| Unit - 4 | Ch. 8 to 9 | 2 Transcontinental Railways: Terminal Stations of transcontinental railways– Trans Siberian, Trans Canadian, Trans-Australian Railways 3 Major Sea Ports : Europe: North Cape, London, Hamburg North America: Vancouver, San Francisco, New Orleans South America: Rio De Janeiro, Colon, Valparaiso Africa: Suez and Cape Town Asia: Yokohama, Shanghai, Hong Kong, Aden, Karachi, Kolkata Australia: Perth, Sydney, Melbourne 4. Inland Waterways: Suez canal, Panama canal, Rhine waterway and St. Lawrence Seaway 5. Major Airports: |

Asia: Tokyo, Beijing, Mumbai, Jeddah, Aden Africa: Johannesburg
& Nairobi

Europe: Moscow, London, Paris, Berlin and Rome

North America: Chicago, New Orleans, Mexico City

South America: Buenos Aires, Santiago

Australia: Darwin and Wellington

India - People and Economy

Class XII Textbook II (NCERT)

Map Items for locating and labeling only on the outline political map of India

Units - 6 & 7 Ch. 1 to 4 • State with highest level of urbanization and lowest level of urbanization

- State with higher level of population density & one state with lowest level of population density (2011)
- Any city with more than 10 million population – Greater Mumbai, Delhi, Kolkata, Chennai, Bengaluru

Unit - 8 Ch. 5 to 9 Leading producing states of the following crops: (a) Rice (b) Wheat (c) Cotton

(d) Jute (e) Sugarcane (f) Tea and (g) Coffee Mines:

- Iron-ore mines: Mayurbhanj, Bailadila, Ratnagiri, Bellary
- Manganese mines: Balaghat, Shimoga
- Copper mines: Hazaribagh, Singhbhum, Khetari
- Bauxite mines: Katni, Bilaspur and Koraput
- Coal mines: Jharia, Bokaro, Raniganj, Neyveli
- Oil Refineries: Mathura, Jamnager, Barauni

Unit - 9 Ch. 10 - 11 Transport: (i) Important nodes on north south corridor, East west corridor
& golden quadrilateral

(ii) Major Sea Ports: Kandla, Mumbai, Marmagao, Kochi, Mangalore,

Tuticorin, Chennai, Vishakhapatnam, Paradwip, Haldia

(iii) International Air ports: Ahmedabad, Mumbai, Bengaluru, Chennai,

Kolkata, Guwahati, Delhi, Amritsar, Thiruvananthapuram & Hyderabad

Unit-10

Ch.12 NIL

KV No.1 Tezpur, Assam

Summer vacation 2022-2023

Holiday homework

CLASS VII

ENGLISH

Dear students

Learning is the beginning of wealth.

Learning is the beginning of health.

Learning is the beginning of spirituality.

Searching and learning is where the miracle process all begins..

.....JIM ROHN

Reading skills

1. Learn and Revise the following Chapters-
Three questions
The Squirrel
A Gift of Chappals
The Tiny Teacher
2. Read a book (Short Story/Novel/Drama) of your choice and write a review of it. Also present a Review on the stage when the school reopens. A list of books is suggested for you.
 1. Malgudi days by R K Narayan
 2. Children Omnibus by Ruskin bond
 3. Untouchable by Mulk Raj Anand
 4. Kabuliwala by Rabindranath Tagore

Writing skills

1. Write a paragraph on 'The importance of Yoga in modern age'.
2. In the shape of wall hanging, prepare an inspirational wall hanging. Write Moral values on it. Decorate your wall hanging with waste material.

Listening

Listen to English News for 2 days and note down the Highlights. (Any 2 days, date wise.)

Speaking

Practice speaking about yourself for 2 minutes. (It should include your hobbies, family, your achievements, your strength etc)

Grammar

Complete the paragraph given below by choosing the correct options from that follows

According to the reports issued (1) _____ the meteorological office, there has been (2) _____ fog this winter than during the (3) _____. The minister of tourism (4) _____ that the delayed flights will lead to (5) _____ cancellations which in turn (6) _____ mean much loss for (7) _____ dependent (8) _____ the tourist arrival.

Options

1. On/by/at/in
2. Much/more/many/most
3. Latest/latter/last/later
4. Is fearing/fears/fear/feared
5. Much/most/many/less
6. Can/must/should/will
7. That/those/this/these
8. In/for/upon/from

What are the Degrees of Comparison? Give ten examples.

Art integrated learning

1. Do not use me

1. Even though habits are sticky, bad ones should be left behind. Ponder upon the bad habits/etiquettes which you must swipe away from your regular routine.

- HOW TO DO- Think of 7-8 bad habits that you possess and wish to get rid off. Form small cards and write those down beautifully in cursive handwriting.
- WHERE TO DO- Create a small bin/box and place your card in it.

2. In the Lesson A Gift Of Chappals, we find reference to the musical instrument Violin. Find out more about violin, its origin, famous violinists etc and paste their pictures.

Do one page of cursive writing daily in your notebook.

- Revise the work done in class Till May 7, 2022.

केन्द्रीय विद्यालय क्र०-1 तेजपुर असम

ग्रीष्मकालीन अवकाश गृहकार्यम् 2022-23

कक्षा- 6

विषय-संस्कृतम्

प्रश्न 1- संस्कृत भाषायां छात्रप्रतिज्ञां स्मृत्वा लिखत।(संस्कृत भाषा में छात्र-प्रतिज्ञा लिखें तथा याद करें।)

प्रश्न 2- शब्दरूपाणि स्मृत्वा लिखत - बालक, बालिका, पुष्पा। (शब्द-रूप लिखें तथा याद करें- बालक, बालिका, पुष्पा।)

प्रश्न 3- पंचतन्त्र पुस्तकात् कामपि एकां कथां स्वशब्देषु लिखत। पुस्तकस्य समीक्षां अपि लिखत।(पंचतन्त्र पुस्तक से कोई एक कथा अपने शब्दों में लिखें तथा पुस्तक समीक्षा BOOK REVIEW भी लिखें)

प्रश्न 4- संस्कृत भाषायां दश पुष्पाणां फलानां शाकानाञ्च नामानि लिखत। (संस्कृत भाषा में 10 फलों, सब्जियों व फूलों के नाम लिखिए।)

XXXXXXXXXXXXXXXXX इति XXXXXXXXXXXXXXXXXXXX

केन्द्रीय विद्यालय क्र०-1 तेजपुर असम

ग्रीष्मकालीन अवकाश गृहकार्यम् 2022-23

कक्षा- 7

विषय-संस्कृतम्

प्रश्न 1 -संस्कृत भाषायां छात्रप्रतिज्ञां स्मृत्वा लिखत।(संस्कृत भाषा में छात्र-प्रतिज्ञा लिखें तथा याद करें।)

प्रश्न 2- दश क्रियापदानि लिखित्वा तेषां वाक्यप्रयोगं कुरुत। (10 क्रियापद लिखकर उनका वाक्य में प्रयोग करें जैसे- पठ् धातु क्रियापदं – पठति – बालकः पुस्तकं पठति। वाक्य प्रयोग)

प्रश्न 3- शब्दरूपाणि स्मृत्वा लिखत तत्, एतत्- पुँल्लिंगम् स्त्रीलिंगम् नपुंसकलिंगञ्च। (शब्द-रूप कण्ठस्थ करके लिखें – तत्, एतत् (पुँल्लिंग, स्त्रीलिंग तथा नपुंसकलिंग)।)

प्रश्न 4- धातुरूपं स्मृत्वा लिखत – चर्। (चर् धातु लिखें तथा कण्ठस्थ करें।)

प्रश्न 5- चित्रं रचयित्वा तस्योपरि संस्कृतभाषायां पञ्चवाक्यानि लिखत (कोई भी चित्र बनाकर उस पर 5 वाक्य संस्कृतभाषा में लिखें।)

प्रश्न 6 पंचतन्त्र पुस्तकात् केऽपि द्वे कथे स्वशब्देषु लिखत। पुस्तकस्य समीक्षां अपि लिखत। (पंचतन्त्र पुस्तक से कोई दो कथाएं अपने शब्दों में लिखें तथा पुस्तक समीक्षा BOOK REVIEW भी लिखें)

XXXXXXXXXXXXXXXXX इति XXXXXXXXXXXXXXXXXXXX

केन्द्रीय विद्यालय क्र०-1 तेजपुर असम

ग्रीष्मकालीन अवकाश गृहकार्यम् 2022-23

कक्षा- 8

विषय-संस्कृतम्

प्रश्न 1 -संस्कृत भाषायां छात्रप्रतिज्ञां स्मृत्वा लिखत।(संस्कृत भाषा में छात्र-प्रतिज्ञा लिखें तथा याद करें।)

प्रश्न 2- शब्दरूपाणि स्मृत्वा लिखत - अस्मद्, युष्मद्। (शब्दरूप याद करके लिखें – अस्मद्, युष्मद्)

प्रश्न 3- धातुरूपं स्मृत्वा लिखत- खाद्, । (खाद् धातु लिखें तथा कण्ठस्थ करें।)

प्रश्न 4- पञ्चदश क्रियापदानि लिखित्वा तेषां वाक्यप्रयोगं कुरुत। (15 क्रियापद लिखकर उनका वाक्य में प्रयोग करें जैसे- पठ् धातु क्रियापदं – पठति – बालकः पुस्तकं पठति। वाक्य प्रयोग)

प्रश्न 5 भर्तृहरिरचित नीतिशतकम् आचार्यचाणक्य कृत चाणक्यनीति ग्रन्थं च पठयित्वा एकस्मिन् ग्रन्थात् पंच जीवनोपयोगी श्लोकान् स्मृत्वा लिखत। पुस्तकस्य समीक्षां अपि लिखत। (भर्तृहरि द्वारा रचित नीतिशतकम् तथा आचार्य चाणक्य द्वारा रचित चाणक्य नीति में से कोई एक पुस्तक पढकर उसमें से कोई 5 जीवन उपयोगी श्लोक याद करके लिखें तथा पुस्तक समीक्षा BOOK REVIEW भी लिखें)

प्रश्न-6- भारतीय संस्कृति हमारा गौरव या हमारी प्राचीन गौरवशाली ज्ञान परम्परा इस विषय पर लेख लिखें या पीपीटी निर्माण करें।

XXXXXXXXXXXXXXXXX इति XXXXXXXXXXXXXXXXXXXX

केन्द्रीय विद्यालय क्र०-1 तेजपुर असम

ग्रीष्मकालीन अवकाश गृहकार्यम् 2022-23

कक्षा- 9

विषय-संस्कृतम्

प्रश्न 1 -संस्कृत भाषायां छात्रप्रतिज्ञां स्मृत्वा लिखत।(संस्कृत भाषा में छात्र-प्रतिज्ञा लिखें तथा याद करें।)

प्रश्न 2- शब्दरूपाणि स्मृत्वा लिखत – बालक, बालिका, हरि, नदी, तत् । (शब्दरूप याद करके लिखें – बालक, बालिका, हरि, नदी, तत्)

प्रश्न 3- धातुरूपं स्मृत्वा लिखत- पठ् खाद्, कृ । (पठ् ,खाद् , कृ धातु लिखें तथा कण्ठस्थ करें।)

प्रश्न- 4- वर्णमाला उच्चारणस्थानस्य च अभ्यासं लेखनञ्च । (वर्णमाला तथा उच्चारण स्थान का अभ्यास करें व लिखें)

प्रश्न 5 भर्तृहरिरचित नीतिशतकम् आचार्यचाणक्य कृत चाणक्यनीति ग्रन्थं च पठयित्वा एकस्मिन् ग्रन्थात् पंच जीवनोपयोगी श्लोकान् स्मृत्वा लिखत। पुस्तकस्य समीक्षां अपि लिखत। (भर्तृहरि द्वार रचित नीतिशतकम् तथा आचार्य चाणक्य द्वारा रचित चाणक्य नीति में से कोई एक पुस्तक पढकर उसमें से कोई 5 जीवन उपयोगी श्लोक याद करके लिखें तथा पुस्तक समीक्षा BOOK REVIEW भी लिखें)

प्रश्न-6- भारतीय संस्कृति हमारा गौरव या हमारी प्राचीन गौरवशाली ज्ञान परम्परा इस विषय पर लेख लिखें या पीपीटी निर्माण करें।

XXXXXXXXXXXXXXXXX इति XXXXXXXXXXXXXXXXXXXX

KV NO. 1 TEZPUR, ASSAM

(Summer Vacation 2022)

HOLIDAYS HOMEWORK

CLASS - 7A (SST)

OUR PAST

Q1. Write about the following keywords:

- a) Manuscript
- b) Forest-dweller
- c) Cartographer
- d) Archive

Q2. Write the name of three historians of mediaeval time.

Q3. Who called scribes?

Q4. What were the activities associated with Chola temples?

Our Environment

Q5. What is ecosystem?

Q6. How many types of Rocks?

Q7. What is biosphere?

Social and Political Life

Q8. What is democracy?

Q9. What do you know about Article -15 ?

Q10. Explain about Universal adult franchise?

Project Work

1. Find out about one government scheme in your area. What does this scheme do the work ?
2. Write about any one important Rulers/Legends/Forts etc. of Rajasthan: (5-10 pages with drawings)

Maharana Pratap, Sawai Raja Jaysingh, Prithviraj Chauhan, Mirabai.

Chittorgarh fort, Amber Fort, Hawamahal, Jantar-Mantar, Ranthambhore National Park.

KV NO. 1 TEZPUR, ASSAM

(Summer Vacation 2022)

HOLIDAYS HOMEWORK

HISTORY XII B

Short Type Questions

1. Which evidences give us information about Harappan civilization?
2. Why Ashoka's lion emblem is today considered important?
3. How did the city of Patliputra emerged?

Long Type Questions

1. Describe the contribution of John Marshall.
2. Differentiate between the notions of kinship developed during the Kushana and the Gupta period.
3. List some of the problems faced by epigraphists.

Write about the following keywords:

| | |
|--------------|------------------|
| Mahajanpada | Prayag Prashasti |
| Agrahara | Sangam Text |
| Tamilkam | Inscription |
| Manuscript | Numismatics |
| Gahapati | Jataka |
| Ganas/Sangha | Indica |
| Arthashastra | Kinfolk |
| Chiefdom | Faience |
| Priest king | Sudarshan lake |
| Greatbath | Dhamma |

Show on the Map

- Lothal, Kalibangan, Chanhudaro, Manda, Banawali, Dhaulavira.
- Political centres of Mauryas.
- Sixteen Mahajanpadas and their Capitals.

Project Work

Write about any one important Rulers/Legends/Forts etc. of Rajasthan:

Maharana Pratap, Sawai Raja Jaysingh, Prithviraj Chauhan, Mirabai.

Chittorgarh, Amber Fort, Hawamahal, Jantar-Mantar, Ranthambhore National Park.

KENDRIYA VIDYALAYA NO 1 TEZPUR, GUWAHATI REGION

SUMMER HOLIDAY HOMEWORK 2022-23

CLASS XII A
SUBJECT-BIOLOGY

Q1. **Answer the following questions –**

1.1 **VSA (MCQ)** – Each question carries 1marks.

i) Which of the following best describes the function of the pollen tube?

- a) It acts as a conduit to transport male gametes from the anther to the ovule.
- b) It acts as a conduit to transport male gamete from the stigma to the ovule.
- c) It contains key nutrients that serve to nourish the newly formed zygote.
- d) It digests the tissues of the stigma, style and ovary.

ii) Pollination of a flower in which the pollen is carried by an insect is called:

- a) Anemophily c) entomophily
- b) Ornithophily d) malacophily

iii) What is the most likely reason for non-germination of pollen grain Z?

- a) Pollen grain X & Y were brought to the stigma earlier, therefore, their germination inhibited the germination of pollen grain Z.
- b) Pollen grain Z was brought to the flower by wind, while pollen grain X & Y were brought to the flower by insect.
- c) Pollen grain Z lacks protrusions that allow it to adhere properly onto the stigma surface.
- d) Pollen grain Z comes from a flower of an incompatible species.

iv) Refer to the characteristics of some flowers.

- A: The stamen hangs out of the flower, exposing the anthers to the wind.
- B: The pollen grains are tiny and light.
- C: The flower has a sweet scent.
- D: The flower petals are brightly coloured.

How many of the above characteristics are of insect pollinated flower?

- a) One b) Two c) Three d) Four

v) Which of the following is similar to autogamy, but requires pollinators?

- a) Geitonogamy b) Cleistogamy c) Apogamy d) Xenogamy

1.2 ASSERTION – REASONING QUESTIONS (1marks each)

Attempt the following questions based on the instructions given below.
For each question two statements are given A and R. Select the correct answer from the codes (a),(b),(c),(d) as given below.

- a) Both A and R are true and R is the correct explanation of the assertion.
- b) Both A and R are true, but R is not the correct explanation of the assertion.
- c) A is true, but R is false.
- d) Both A & R are false.

i)A: The germ pore is the place from where pollen tube develops after germination of the pollen.

R: Exine is missing from the germ pore

ii)A: The pollen grain has a vegetative cell and a generative cell.

R: Generative cell give rise to pollen tube and vegetative cell forms 2 male gametes.

iii)A: In ovule, nucellus is present around the embryo sac.

R: Nucellus has abundance of food reserve.

iv) A: A mature embryo sac has 7-celled 8-nucleate structure.

R: The central cell contains 2 polar nuclei.

v)A: The rewards presented to the insect in exchange of pollination can be in the form of nectar or pollen grain.

R: Symbiotic relation exists between some plants and insect to facilitate pollination and providing space for egg laying.

1.3 SA (2MARKS)

i) Among the animals, insects, particularly bees are the dominant pollinating agents. List any four characteristic features of the insect-pollinated flower.

ii) How do aquatic plants undergo pollination?

iii) Describe the structure of the embryo sac of a mature angiosperm. Explain the role of synergids in it.

iv) Does self-incompatibility impose any restrictions on autogamy? Give reasons and suggest the method of pollination in such plants.

v) Why are pollen grains produced in enormous quantities in maize?

1.4 LA 1 (3Marks each)

i) Starting with the zygote, draw the diagrams of the different stages of embryo development in a dicot.

ii) What are the characteristics of wind, water and insect-pollinated flowers?

iii) Draw a labeled diagram of the male reproductive system.

1.5 LA 2 : Case based question (1*5=5 marks)

Read the following case and answer the following:

Gynoecium is the female reproductive part of the flower. It may consist of a single or more than one pistil. These pistil may be free or fuse. Each pistils has three parts, stigma, style and ovary. Ovary has an ovarian cavity, which has one or many chambers or locules. The placenta is located inside the ovarian cavity.

Megasporangia or ovules arise from the placenta.

- i) What is the function of placenta?
- ii) Which layer provides nourishment to the female gametophyte?
- iii) Define the term monoecious plants ?
- iv) Name a plant that produces unisexual plants.
- v) Where is female gamete formed?

2. Investigatory Project: Topic of the project are given below to each student . Complete the project as per the instructions given in the class.

It should be written in the following format in A4 size paper:

- Front page

- Certificate
- Acknowledgement
- Contents
- Objective/ Aim of the project
- Hypothesis
- Introduction
- Theory
- Procedure
- Observation / Result
- Analysis and Interpretation
- Precaution
- Conclusion
- Bibliography/ References

| SL NO. | NAME OF THE STUDENT | TOPIC |
|--------|------------------------|--|
| 1 | SONALEE MANASINGHA RAY | EFFECTS OF DRUGS |
| 2 | UDITH V.T | STUDY ON INFERTILITY |
| 3 | KAJAL DEKA | TRANGENIC ANIMALS |
| 4 | JINNA BORAH | CLONING |
| 5 | SUBHADEEP SAHA | HUMAN INSULIN |
| 6 | BIVA DEBNATH | IMPACT OF GENETICALLY MODIFIED ORGANISMS |
| 7 | PRAGATI BORAH | STUDY ON PROBIOTICS |
| 8 | KHUSI SARMA | BREAST CANCER |
| 9 | PARISHMITA BORAH | SEXUALLY TRANSMITTED DISEASES |
| 10 | DHRITASHREE KALITA | IMPACT OF CORONA VIRUS |
| 11 | ABHINANDITA GAUTAM | CERVICAL CANCER |
| 12 | ROZY SMITH | STUDY ON DIABETES |
| 13 | MEHNAJ A. REHMAN | AEROPONICS |
| 14 | DEEPANSHU BAISHYA | ANTIBIOTICS |
| 15 | UDITI SARMA | DNA FINGERPRINTING |
| 16 | SUSMITA SAIKIA | GENETIC DISORDERS |

| | | |
|----|--------------------|----------------------------------|
| 17 | BISHAL MAITRA | MALARIA |
| 18 | KAUSHIK P. KASHYAP | HYDROPONICS |
| 19 | MEHFUS UDDIN AHMED | STUDY ON BIODIESEL |
| 20 | RISHIK DOLEY | STUDY ON DRUG ADDICTION IN ASSAM |
| 21 | NAYAN NISHAN | MALNUTRITION |
| 22 | BHARGABI HAZARIKA | COFFEE ADDICTION |
| 23 | PRANJIT NEOG | ANAEMIA |
| 24 | LIZA DEVI | IMPACT OF ALCOHOL |
| 25 | BOBITA BORA | ABO BLOOD GROUPING |
| 26 | ABHAY KURMI | EBOLA VIRUS |
| 27 | BRAHMISTHA PARASAR | EFFECTS OF SMOKING |
| 28 | KAVERAMA PM | ORGANIG FARMING |