



S.B.P. D.A.V. Centenary Public School, Fatehabad.

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Holidays' Assignments for Summer Vacations (2025-26) for Class VIII



General Instructions:

1. Get up early in the morning and go out for a walk daily. Do yoga daily for healthy living.
2. Make a Bird feeder and add seeds for birds daily and also place water for them.
3. Raise a small kitchen garden by planting seeds.
4. Learn any one folk song.
5. Help your mother in cooking and learn vegetable cooking and salad decoration.
6. The summer break for classes VI-XII will be from 01.06.2025 to 01.07.2025 (Both days inclusive). School will reopen on 02.07.2025.
7. Revise the syllabus of all subjects done before summer vacations for Unit Tests to be started from 07.07.2025.
8. Try to make your handwriting better by practicing and do your HW in good handwriting.
9. Do assignments in holidays homework notebook and activities/projects on A4 sheets for each subject & submit it for assessment to your class teacher on July 10, 2025.
10. Learn all the prayers and mantras given in student diary.
11. **Register & participate in 1st stage of 11th Online International Humanity Olympiad, International Open Oratory Contest and International Open Poetry Recitation Contest by accessing through web portal <https://www.dhyankaksh.org/value-your-virtues>. Every individual passing the exam (i.e. scoring minimum 40%) will get an e-certificate through e-mail immediately on their e-mails. School code is : FATE104. This certificate and certificates of courses earned by you during holidays should be part of your portfolio.**
12. **Waste Warriors: Smart Sorting & Creative Recycling.** Survey at least 10 families in your surroundings and collect data how they Dispose off two types of waste and create awareness in them to segregate waste. Click pictures and paste in your portfolio.

ENGLISH

Reading Activity

1. Read any one novel or storybook from the list below:

- The Secret Garden by Frances Hodgson Burnett
- Harry Potter and the Philosopher's Stone by J.K. Rowling
- Matilda by Roald Dahl

Write a book review (150–200 words). Include:

- Title and author
- Summary (in your own words)
- Main characters
- What you learned from the story.

2. Vocabulary Building

- Create a word journal:
- Choose 50 new words you learned during the holiday.
- For each word, write:
- Meaning, Use it in a sentence, Synonyms/Antonyms (if any)

3. Speaking Practice

- Record a 1–2 minute video or audio on any one topic:
- My Favorite Hobby
- The Importance of Reading
- A Memorable Day in My Life
- Focus on fluency, pronunciation, and confidence.

4. a) Choose One or More Interviewees:

- Grandparent(s)
- Parent or Guardian
- Neighbour
- Friend
- Classmate or schoolmate

b) Prepare Your Questions:

Include at least 8–10 questions. Here are some sample questions (you can add your own):

- What was your childhood like?
- What games did you play growing up?
- What is your favorite memory?
- What was school like when you were young?
- What are the biggest changes you've seen in the world?
- Who inspired you the most?
- What advice would you give to children today?
- What were your hobbies as a student?

3. Conduct the Interview:

- You can write the answers in your notebook or record them (audio/video, if allowed).
- Be respectful and listen carefully.

4. Present Your Work:

- Write a short summary (1–2 pages) of what you learned.
- Include the questions and the main answers.
- Add a photo or drawing of the person you interviewed (optional).

5. Fun with Idioms

- Choose 5 common idioms (like “break the ice,” “hit the sack,” etc.).
- Make a mini poster or comic strip showing their meanings through illustrations or short dialogues.

6. Do chapter 10 of your practice book.

7. Do chapter 3 and 4 of Reader.

Syllabus for Unit Test

Literature : Ch-1 Three Questions

Ch-2 Granny's Tree Climbing

Practice Book : Ch-1 Tenses

Ch-2 Narration

Writing Section : Notice writing

हिन्दी

प्र -1. ज्ञान सागर में करवाए गए पाठ 1 से 6 के आधार पर निम्नलिखित प्रश्नों के उत्तर 5 से 6 पंक्तियों में दीजिए तथा सुलेख का विशेष ध्यान रखें ।

क. पाठ 'हम पंछी उन्मुक्त गगन के' आधार पर बताइए कि कवि पक्षियों के माध्यम से क्या संदेश देना चाहते हैं और क्यों ?

ख. पाठ 'असल धन' में दारा अपने फटे -पुराने कोट को सँभालकर रखता था, आप अपने पास मित्रों और संबंधियों द्वारा भेंट की गई किन वस्तुओं को सँभाल कर रखते हैं और क्यों ?

ग. मनुष्य के जीवन में आस -पड़ोस का बहुत महत्त्व होता है, कोई ऐसी घटना बताइए जब आपके पड़ोसी ने अपना पड़ोसी धर्म निभाते हुए आपकी सहायता की हो ।

घ. कविता 'दोपहरी' में अमीर -गरीब के भेदभाव पर चर्चा की गई है। आप बताइए कि निर्धन वर्ग के विकास के लिए आप क्या- क्या कार्य करेंगे ?

ड. जीवन में सफलता के लिए लक्ष्य का निर्धारण क्यों जरूरी है ? विषय की महता को समझाते हुए अपने विचार प्रस्तुत कीजिए।

च. पाठ 'आश्रम के अतिथि और संस्मरण' के आधार पर बताइए कि भ्रष्टाचार हमारे जीवन को किस प्रकार नष्ट करता है ? तर्क सम्मत विचार प्रस्तुत कीजिए ।

प्र -2. भारतीय सेवा सुरक्षा बल एक व्यापक संगठन है, जिसमें थल सेना, वायु सेना, नौसेना व तटरक्षक बल आदि शामिल है । इन सभी बलों का परिचय, कार्य और संरचना संबंधी क्षेत्रों की चित्र सहित विस्तृत जानकारी देते हुए एक परियोजना कार्य असाइनमेंट फाइल में A-4 साइज शीट पर तैयार करें । असाइनमेंट के पहले पेज पर एक सुंदर- सा इंडेक्स भी बनाएँ ।

प्र -3. ज्ञान सागर पाठ 1 से 6 तक में से 10-10 उपसर्ग- प्रत्यय युक्त शब्द छाँटकर व उनमें उपसर्ग, मूल शब्द और प्रत्यय अलग-अलग करके लिखिए ।

प्र -4. 'आधुनिक जीवन में मोबाइल' व 'आतंकवाद: एक राष्ट्रीय समस्या' विषय को आधार बनाकर अनुच्छेद लिखिए ।

प्र -5. अपने मित्र को ग्रीष्मावकाश साथ-साथ बिताने के लिए एक निमंत्रण पत्र लिखिए ।

प्र -6. आप बुखार से पीड़ित है | चिकित्सक द्वारा आपको आराम करने की सलाह दी गई है | इसका हवाला देते हुए प्रधानाचार्य जी को एक सप्ताह के अवकाश के लिए एक प्रार्थना -पत्र लिखिए ।

प्र -7. त्योहारों का हमारे जीवन में महत्त्व व उनके संदेश पर बातचीत करते दादाजी और पोते के बीच हुई बातचीत को संवाद के रूप में लिखिए ।

प्र -8. आपने अपना नाम अभिलाषा से बदलकर प्रांजल कर लिया है। इसके बारे में अपने विद्यालय के सभी विद्यार्थियों को सूचित करने हेतु एक सूचना लिखिए।

प्र -9. शरीर के अंगों पर आधारित 20 मुहावरों के अर्थ लिखकर वाक्य भी बनाएँ।

प्र -10 प्रथम इकाई परीक्षा के लिए पाठ 1 से 4 तक (ज्ञान सागर व अभ्यास सागर) याद करें तथा अप्रैल -मई में करवाया गया सारा पाठ्यक्रम भी नोटबुक (उत्तर पुस्तिका)में पूर्ण करें ।

नोट :- प्रश्न संख्या 2 को छोड़कर यह सारा कार्य सुंदर व अच्छी लिखाई के साथ हिंदी -बी की फेयर नोटबुक में ही करना अनिवार्य है ।

MATHS

MULTIPLE CHOICE QUESTIONS:

1. How many non-square numbers lie between 23^2 and 24^2 ?
(A) 64 (B) 46 (C) 47 (D) 74
2. What will be the value of y when $7^{y-2} = 1$?
(A) 1 (B) 3 (C) 0 (D) 2
3. What is the value of $3 \times (16)^{\frac{1}{2}}$?
(A) 24 (B) 12 (C) 21 (D) 42
4. If x and y vary directly with each other, then
(A) $\frac{x}{y}$ remains constant (B) $(x - y)$ remains constant
(C) xy remains constant (D) $(x + y)$ remains constant
5. If two quantities x and y vary inversely with each other, then—
(A) $\frac{x}{y}$ remains constant (B) $(x - y)$ remains constant
(C) $(x + y)$ remains constant (D) (xy) remains constant
6. The value of $\sqrt[3]{212 + \sqrt[3]{67} - \sqrt[3]{27}}$
(A) 3 (B) 4 (C) 6 (D) 10
7. If $2^x \div 2^{-4} = 4^5$ Then The value of x is-----
(A) 9 (B) 4 (C) 6 (D) 5
8. A mobile phone is sold for Rs 3120 at a loss of 4%. What will be the gain or loss %, if it is sold for Rs 3640.
(A) Profit 12% (B) loss 12% (C) loss 4% (D) profit 4%
9. A fan is sold for Rs 650. The gain is $\frac{1}{4}$ of the cost price of the fan. find the gain percent.
(A) 20% (B) 25% (C) 2.5% (D) 4%
10. The smallest Number by which 162 should be multiplied to make it a perfect square is
(A) 4 (B) 3 (C) 2 (D) 1
11. The square root of $(3+\sqrt{5}) \times (3-\sqrt{5})$ is
(A) $\sqrt{5}$ (B) 2 (C) 4 (D) $3\sqrt{5}$
12. The one's digit of the cube of 43 is:
(A) 9 (B) 3 (C) 7 (D) 6

13. The value of $(-3/4)^0$ is
 (A) 0 (B) 1 (C) 2 (D) 3
14. Cost of 5m carpet is Rs 270/-. Then what will be the cost of a 12m carpets?
 (A)624 (B)684 (C)6228 (D)648
15. If x and y vary directly with each other and x = 24, what is y when constant of variation is 3?
 (A) 1/8 (B) 8 (C) 21 (D) 27

ASSERTION REASON QUESTIONS:

16. **Assertion (A):** If 20 cows eat as much as 15 oxen, then 48 cows will eat at much as 36 oxen.
Reasons (R) : A direct proportion shows the direct the relation between two quantities. An inverse proportion shows inverse or indirect relation between two quantities.
17. **Assertion (A):** Teenu purchased a car for ₹75,000 and sold for ₹60,000 then loss is ₹150000
Reason (R): Profit or Loss is always calculated on cost price.
18. **Assertion(A):** $[(-\frac{1}{5})^4]^4$ is the reciprocal of $(-5)^{16}$
Reason(R): $(a^m)^n = a^{mn}$ laws of exponent is used.
19. **Assertion (A):** Between 50 and 60, the perfect square number is 54.
Reasons (R): A perfect square is a number that can be expressed as the product of an integer by itself or as the second exponent of an integer
20. **Assertion (A):** The smallest number by which the number 72 must be multiplied to obtain a perfect cube is 3.
Reason (R): The perfect cube is the result of multiplying the same integer three times.

SHORT & LONG ANSWER TYPE QUESTIONS:

CHAPTER 1 SQUARES AND SQUARE ROOTS

1. Find the smallest number by which 19200 must be divided so that the quotient is a perfect square. Also find the square root of the quotient so obtained.

(3,80)

2. A school collected Rs.230400 as fees from its students. If each paid as many paise as there were no. of students in the school, calculate the number of students. [4800]

3. Area of a square field is 3600m^2 . A rectangular field whose length is twice its width has perimeter equal to perimeter of square field. Find the area rectangular field. (3200m^2)

4. Find the greatest no. of five digits which is perfect square. [99856]
5. Find the least no. of 4 digits which is perfect square. (1024)
6. Cost of leveling and turning a square lawn @ of Rs. 2.50m² is Rs. 13322.50. Find the cost of fencing it @ Rs. 5 per meter. [Rs 1460]
7. Find the square root of i) $10\frac{2}{3}$ (ii) 2.2 correct to 2 decimal places. [i) 3.27 (ii)1.48]
- 8 . What should be added to 8050 make it perfect square [50]
9. Find the smallest perfect number divisible by each one of the numbers 8,9 and 10. (3600)
10. Find the value : $\frac{\sqrt{0.2304} + \sqrt{0.1764}}{\sqrt{0.2304} - \sqrt{0.1764}}$ (15)
11. Find the value : i) $\sqrt{1.69 \times 1.96}$ (ii) $\sqrt{99 \times 396}$ (1.82 , 198)
12. A gardener has 1000 plants. He wants to plant these in such a way that the number of rows and numbers of columns remain same . Find the minimum number of plants he needs more for this. (24)

CHAPTER 2 CUBES AND CUBE ROOTS

1. Find the volume of cube whose surface area is 384 m². [512 cm³]
2. What is the smallest number by which 8192 must be divided so that product is a perfect cube , also find cube root of the quotient so obtained. [2, 16]
3. Three numbers are in the ratio 1:2:3 . The sum of their cubes is 98784. Find the numbers. [14, 28, 42]
4. Evaluate : $\sqrt[3]{27} + \sqrt[3]{0.008} + \sqrt[3]{0.064}$ [3.6]
5. Volume of a cubical box is 474. 552 cu cm, find length of each side of the box. [7.8 cm]
6. What is the smallest number by which 137592 must be multiplied so that product is a perfect cube? Also find cube root of the quotient so obtained. [1183, 546]
7. Three numbers are in the ratio 1:2:3 . The sum of their cubes is 7776. Find the numbers. [6, 12, 18]
8. Evaluate : $\sqrt[3]{(-1728) \times (2197)}$ (156)
9. $\sqrt[3]{64} - \sqrt[3]{125} + \sqrt[3]{343}$ (6)
10. $\sqrt[3]{\frac{0.512}{0.343}} \div \sqrt{\frac{0.64}{0.49}} + 1$ (2)

CHAPTER 3 Exponents and Radicals

1. Simplify: $(3^0 + 4^{-1}) \times 2^2$

2. Find the value of x : $6^x + 6^{x-1} = 7$
3. Find the value of x : $5^x \div 5^{-3} = 5^5$
4. Find the value of x : $5^x + 5^x + 5^x = 15$
5. Simplify: $2x^{-5/2} \times 7x^{-3/4}$

PTER 4 Direct and Inverse Proportion

1. 120 men have food provision for 200 days. After 5 days, 30 men died due to an cancer. How long will the remaining foodlast (260)
2. If x and y varies inversely as each other and $x = 10$ when constant of variation (k) is 50, find the value of y . (5)
3. Shreya cycles to her school at an average speed of 12km/hr. It takes her 20 minutes to reach the school. If she wants to reach her school in 15 minutes, what should be her average speed? (16 km/hr)
4. A train 400 m long is running at a speed of 72 km/h, how much time does it take to cross a 200 m long bridge? (30 second)
5. If 15 workers can build a wall in 48 hours ,how many workers will be required to do the same work in 30 days?

CHAPTER 5 PROFIT, LOSS AND DISCOUNT

1. Seema bought some cricket balls at Rs. 250 for 4 balls and sold them for Rs. 340 for 5 balls. Find her gain or loss %. (8.8%)
2. By selling 35 greeting cards a shopkeeper loses an amount equal to the selling price of 5 greeting cards. Find his loss% (12.5%).
3. Nitin allows 25% discount to his customer on M.P. and still gains 20%. If he gains Rs 60 over the sale of one article, find M.P. (Rs 480)
4. Sahil allows a discount of 10% to his customers and still gains 20%. Find marked price of an article which costs him Rs 450. (Rs 600)
5. The selling price of an article is $\frac{6}{5}$ of its cost price .Find gain % (20%)

CASE STUDY BASED QUESTIONS:

CASE STUDY : Ahmad owns an Electronics Goods Shop. He sold a TV set for 19,550 thus making a profit of 15% on it. He also sold a Refrigerator for the same price but incurred a loss

of 5% on that.

19,550

19,550

Based on the above information answer the following questions:

- (a) Find the total SP of the TV set and the refrigerator.
- (b) Find the CP of the Refrigerator.
- (C) Find the total CP of the TV set and the refrigerator.

OR

Find the total profit or loss in this whole transaction of selling the two items.

CASE STUDY : During dance practice in school 6570 students of different schools are arranged in rows such that the number of students in each row is equal to the number of rows. In doing so, the instructor finds out that few children are left out.



- (a) How many students were left out in arrangement?
- (b) What is the number of students forming a square?
- (c) Find the number of children in each row of the square.

CASE STUDY :

D.A.V school is planning a trip for 80 students. The cost of the trip is Rs. 40,000. Students are excited to enjoy this trip. They were asked to deposit trip charges to their class incharge. Based on the above information answer the following questions:

- (a) If 20 more students join the trip, what will be the new cost per student if the total cost remains the same?
- (b) If the total cost is increased by 20% and the number of students remains the same (80), what will be the new cost per student?

(c) If the total cost remains the same (Rs. 40,000) and the cost per student is increased by Rs. 25, how many students can go on the trip?

Activity 1: Represent the history of any two Indian mathematician creatively.(PPT or on A4 size sheet with pictures)

Activity 2: Make a mat/foldable of formulas of chapter 5

Project Work:

1. GST and billings: understanding percentage task (Collect 2 bills of a restaurant, shopping, groceries etc)

A. Identify the cost before GST, GST amount and final bill

B. Calculate GST percentage, Total GST paid.

C. Write how GST affects your final cost.

Note:

Complete the fair notebook of work done so far .

Do practice of chapters 1,2& 3 for unit test

SCIENCE

Syllabus for Unit Test 1

Chapter 1: The cell: Its structure and Functions

Chapter 2: Microorganisms: Friends and Foes

Chapter 6: Sources of Energy

All the activities to be done in scrap file

1. Fungus

To observe the fungus in the infected leaves.

a) Visit the garden and collect the leaves with white patches.

b) Write a comparison between the normal leaves and leaves with white patches.



2. Prepare Index cards or flip book of 5 metals, 5 non-metals, 5 alloys with pictures, their chemical, physical properties and uses. Also find out the locations of the deposits of these and mark on outline map of India.

3. Activity Booklet: Everyday Uses of Metals, Non-Metals and noble metals

Objective: Create a booklet highlighting how different metals and non-metals are used in daily life. Also specify how noble metals have been valued in **different civilizations and cultures**.

Ideas to include:

Copper in wires, Iron in construction, Oxygen in respiration, Sulphur in medicines, gold and silver in coins.

Add **fun facts, images, and colored sketches** to make it engaging.

4. Creative Work:

Roll No. 1 to 20: Create a 3D Model of animal cell or plant cell using beads, thread, wool, pulses or things available at home.

Roll No. 21 onwards: Create a 3D model of any micro-organism showing their parts like virus, euglena etc.

5. Activity: Combo of Art and Knowledge (Do anyone of the following)

a) Create a newspaper and use all your creativity to combine art with knowledge, you can use clippings, pictures, new research work done in the different fields like astronomy, riddles, jokes, cartoon clippings, comic corner of any topic, word games like crossword etc.

You can get help from www.sciencedaily.com.

b) Create an album of Preservation: Describe all the methods used for preserving different food stuff with the importance of that method with pictures.

Assignment

1. Unscramble the jumbled words in the following statements:

- Cells of our body produce santiidobe to fight pathogens.
- curbossulite is an air-borne disease caused by bacterium.
- Yeasts are used in wine industry because of their property of meronettinaf.
- Xanrhart is a dangerous bacterial disease.

2. Assertion Reason Questions related to microorganisms

a) **Assertion (A):** Microorganisms can be both harmful and useful to humans.

Reason (R): Microorganisms are responsible only for causing diseases.

b) **Assertion (A):** Yeast is used in baking industry.

Reason (R): Yeast helps in the process of fermentation, releasing carbon dioxide.

c) **Assertion (A):** Bacteria help in nitrogen fixation.

Reason (R): Certain bacteria convert atmospheric nitrogen into a usable form for plants.

d) **Assertion (A):** Antibiotics can treat viral infections.

Reason (R): Antibiotics kill all types of microorganisms including viruses.

e) **Assertion (A):** Microorganisms can live in extreme conditions like hot springs and salty water.

Reason (R): Microorganisms are found only in clean and moderate environments.

f) **Assertion (A):** Vaccines help in preventing infectious diseases.

Reason (R): Vaccines contain weakened or dead microorganisms that stimulate the immune system.

g) **Assertion (A):** Fungi are always harmful microorganisms.

Reason (R): Fungi spoil food materials and cause plant diseases.

h) **Assertion (A):** Protozoa cause diseases like malaria and dysentery.

Reason (R): Protozoa are multicellular organisms that feed on decaying matter.

i) **Assertion (A):** Microorganisms play a role in the preparation of medicines.

Reason (R): Antibiotics are chemicals produced by microorganisms to kill other harmful microbes.

j) **Assertion (A):** Lactobacillus helps in the preparation of curd.

Reason (R): It converts sugar into alcohol through fermentation.

3. . (i) The batter of idli turns fluffy and soft if kept overnight.

(a) Name the process involved.

(b) Name the micro organism responsible for it.

(ii) Name the microorganism :

(a) that helps in cleaning the environment by decomposing dead animals.

(b) that lives in symbiotic relationship with leguminous plants.

4. A child is suffering from cholera answer the following :

(a) Name causative agent for the disease.

(b) The mode of transmission of this disease.

(c) State any one preventive measure against this disease.

5 Give the name of :

a. Two diseases against which vaccine is available.

b. A disease which has been eradicated through the use of its vaccine.

c. The campaign that aims to eradicate Polio in India.

d. Fungus which helps in production of alcohol.

e. Microbe against which antibiotic are ineffective _____.

- f. Microbe which never causes diseases _____.
- g. Microbe from which insulin is obtained _____.
- h. The bacterium which helps in formation of curd.
- i. Certain insects/or animals which carry pathogens in or on their body_____.

Riddles based on chapter 1		
Chlorophyll Organelle Nucleus Cell Membrane Cell Wall Vacuole Cytoplasm Chloroplast Mitochondria		
1.	I'm a real "powerhouse" That's plain to see I break down food And release energy	What am I?
2.	I'm strong and stiff Getting through me is rough I'm found only in plant cells I'm what makes them so tough	What am I?
3.	I'm the fluid in the cell That fills in the space My main purpose is To hold organelles in place	What am I?
4	I'm the brain of the cell Or so they say I regulate activities From day to day	What am I?
5.	I'm found only in plant cells I'm as green as can be I make food for the plant Using the sun's energy	What am I?
6.	My name means "green leaf" I'm the pigment in a plant cell That causes its green color And absorbs the sun's energy well	What am I?
7.	I'm full of holes Flexible and thin	What am I?

	I control what gets out As well as what comes in	
8.	I've been called the storage tank By those with little taste I'm a sack filled with water, Food, enzymes, and waste	What am I?

CASE BASED QUESTIONS ON CHAPTER 6 SOURCES OF ENERGY

Case Study 1: Jharkhand is rich in coal resources and mining activities are widespread. However, these activities have led to deforestation, air and water pollution, and displacement of local communities.

Q1. What is one major environmental impact of coal mining in Jharkhand?

- A. Increase in groundwater levels
- B. Growth of forest cover
- C. Deforestation and soil erosion
- D. Urbanization in rural areas

Q2. Which group is most adversely affected by coal mining in Jharkhand?

- A. Urban entrepreneurs
- B. Local tribal communities
- C. Foreign investors
- D. IT professionals

Case Study 2: BP Deepwater Horizon Oil Spill (2010)

The Deepwater Horizon oil rig explosion resulted in a major oil spill in the Gulf of Mexico, affecting marine life and coastal industries.

Q3. Which industry suffered the most economically from the oil spill?

- A. Automobile industry
- B. Fishing and tourism industries
- C. Textile industry
- D. Software industry

Q4. What was one long-term environmental consequence of the oil spill?

- A. Increase in coral reef growth
- B. Decrease in marine biodiversity
- C. Freshwater flooding
- D. Land desertification

◆ *Case Study 3: Germany's Energiewende (Energy Transition)*

Germany has implemented a long-term strategy to shift from fossil fuels to renewable energy sources such as wind and solar.

Q5. What is the main goal of Germany's Energiewende?

- A. Increase oil production
- B. Reduce energy consumption
- C. Shift to renewable energy and reduce greenhouse gas emissions
- D. Export more fossil fuels

➤ **One Innovative Idea Per Student Must be Submitted.**

How to Find the Idea?

There are many problems around us which we face on daily basis. Look for these routine problems around us. Think of how science can be helpful in solving such problems. Use this link to see examples for better understanding of the task.

<https://inspireawards-dst.gov.in/download/booklet/English-Booklet-2020.pdf>

Make one chart of your idea. You will be given 2 min to present your ideas in Class after summer break.

SOCIAL SCIENCE

Syllabus of Unit Test –

Chapter – 1 Resources : Utilization and Development

Chapter - 2 Natural Resources : Land , Soil & Water

Chapter – 16 Our Constitution

❖ Read –

1. Chapter – 1 Resources : Utilization and Development
2. Chapter - 2 Natural Resources : Land , Soil & Water
3. Chapter – 8 The Modern Period
4. Chapter – 16 Our Constitution

❖ Learn Q/A and Exercise of all the above chapters.

❖ On the outline political map of the world and fill the map according to the chapter 2 . Paste the map in scrap file.

❖ Paste pictures of trees / plants having medicinal value in your scrap file.

❖ Make a report on the need of sustainable development in the present world.

❖ Many festivals would have been celebrated in your home. Write a short story related to any one.

❖ Make a model of Wind Mill / Paste the pictures of different types of minerals / Project on Saving Electricity .

❖ Write Biography of any one Freedom Fighter – Rani Lakshmi Bai , Nana Sahib , Tantya Tope .

- ❖ Paste pictures of at least 10 members of Constituent Assembly along with their names .(in Scrap book)
- ❖ Write a report on any one industry with pictures : AMUL or TISCO
- ❖ Do Assignments

CHAPTER 1

NATURAL RESOURCES :UTILIZATION AND DEVELOPMENT

1. All the things on the earth which are necessary for existence on the earth is known as
a) resources b)energy c) fuel d) shelter
2. On the basis of level of development resources are classified into
a) biotic and abiotic c) natural and manmade
b) renewable and non- renewable d) potential and actual
3. _____ is a renewable resource.
a) Coal b)solar energy c) petroleum d) mineral
4. Which is the correct reason for African countries being less developed?
a) most of the people are illiterate and unskilled
b) country is rich in resources
c) the workforce is underpaid
d) none of the above
5. The watering of Land or crops through Canal tube wells or sprinkler is
a) navigation b) irrigation c) conservation d) depletion
6. Which steps are necessary for sustainable development
a) Use all renewable resources judiciously
b) Conserve the variety species
c) Minimise the depletion of natural resource
d) All the above
7. Which one is not natural resource
a) Road b) Water c) Mineral d) Forest
8. **Fill in the blanks :**
a) _____means sustainable and optimum utilisation of resources.
b) _____is when quality or number of something is continuously reducing.
c) Road buildings are_____resources.

5. The disease caused due to the polluted water is

- a) Jaundice b) Malaria c) Common Cold d) Influenza

6. Which steps are necessary for water conservation?

- a) Water harvesting
b) Having vegetation cover
c) Making dams across the river
d) All the above

7. Give one word or technical term for the statement given below :

- a) The storing of rainwater through various method
b) The cutting down of large number of trees in an area or clearing of forest cover
c) The use of land for various purposes
d) The process of disintegration of rocks into small pieces till it get converted into Soil

8. Fill in the blanks:

- a) The most appropriate method to check soil erosion in desert region is __.
b) _____ soil of India is derived from the Lava rock.
c) The percentage of freshwater on the earth is_____
d) _____ is the process of planting more trees and seeds on the land.
e) _____farming and__ploughing should be encouraged across the hillslopes.
f) The interrelationship of biological element with physical element of the environment is_____.

9. Match the following:

Column A

Column B

1. Damoder dam
2. Hoover dam
3. Hirakud dam
4. Aswan dam

- Egypt
India
Egypt
India

10. Correct the following statement:

- a) 70% of the world population is inhabited in the plain areas.
b) The distribution of fresh water resources on the earth's surface is even.
c) Soil cover is always thin in plains.

CHAPTER 3

NATURAL RESOURCES: VEGETATION AND WILDLIFE

1. The condition required for the forest to be thick and dense is

- a) heavy rainfall b) scanty rainfall c) low temperature d) none

2. Mahogany and Ebony are found in

- a) Tropical evergreen forest c) Mediterranean forest
b) Tropical deciduous forest d) Coniferous forest

3. Trees of medium height(30-40m) are found in

- a) Tropical deciduous forest b) Coniferous forest
c) Mediterranean forest d)Tropical evergreen forest

4. The blackbuck, peacock and lion are found in

- a) Australia b) China
c) India d) America

5. Siberian cranes visit which sanctuary of India

- a) Bharatpur Bird Sanctuary b) Chinnar wildlife sanctuary
c) Manas Sanctuary d) None of the above

6. The place where hunting of animals and cutting of trees is banned but people can collect firewood,timber and medicinal herbs in moderate amount

- a) National parks c)Wild life Sanctuary
b) Zoological Park d)None

7. Fill in the blanks -

a) At present India has _____ Wildlife sanctuaries and _____ national parks.

b) The animals which are tamed as for agricultural purpose are known as _____.

c) Temperate soft wood forest found on southern slopes of Himalayas is commonly known as _____.

d) Pine spruce, cedar are found in _____.

e) Tropical rainforest are found in the _____ of India.

f) Mediterranean forest is usually found in areas having _____ and moderate rainfall during _____.

g) _____ is a region drained by river and its tributaries.

h) Our wildlife suffers severally due to _____ and _____.

- i) _____ is famous for koala bear, emu and Kookaburra.
- j) _____ changes at the time of natural disaster like tsunami and earthquake
- k) Temperate softwood forest is commonly known as _____.

8. Give one word or technical term for the statement:

- a) A declared protected area in which limited human activities are permitted.
- b) Forest having plants which shed leaves during dry season to conserve water.
- c) Forest which always appear green.
- d) The assemblage of plant species in an environment.

9. State whether given statements are True or false:

- a) Eucalyptus is common in Australia.
- b) Citrus fruits and olive trees are commonly found in temperate softwood forest.
- c) Forest help us to breathe by converting oxygen into carbon dioxide.
- d) Grand Canyon national park of USA is declared as a World Heritage site by the UNESCO.
- e) At present India has 150 National Park and 528 Wildlife sanctuaries.

10. Match the following

COLUMN I	COLUMN II	COLUMN III
Tropical evergreen forest	Sal , Teak	Monsoon forest
Tropical deciduous forest	Pine, fur	Coniferous forest
Temperate softwood forest	Ebony	Rain forest

11. MATRIX

Type of Forest	Leaves	Trees	Animals	Correct
Tropical deciduous forest		Sheesham	Lion	
Temperate softwood forest	Needle shaped	Deodar	Golden eagle	

Give two examples each of the following

- a) Animals found in deciduous forest
- b) Animals found in Mediterranean forest

- c) Animals found in Temperate softwood forest
- d) Plants found in Mediterranean forest
- e) Plants in Temperate Softwood forest

CHAPTER 8

THE MODERN WORLD

1. The Indian National Congress was established in the year
 - a) 1857
 - b) 1885
 - c) 1858
 - d) 1890
2. In which year was the power transferred from the East India company to the British
 - a) Crown 1857
 - b) 1885
 - c) 1858
 - d) 1819
3. Which one of the following is not a British Document?
 - a) Morley-Minto reforms
 - b) Simon commission
 - c) Anandmath
 - d) Arms bill
4. 'Freedom is our birth right' is a slogan given by
 - a) BalGangadharTilak
 - b) Mahatma Gandhi
 - c) Subhash Chandra Bose
 - d) Jawharlal Nehru
5. Who amongst the following is the author of Anandmath?
 - a) B C Chattopadhyay
 - b) Mahatma Gandhi
 - c) Subhash Chandra Bose
 - d) LalalajpatRai
- 6.
7. **Fill in the blanks:**
 - a) 'Freedom is our birthright' was the slogan given by_____.
 - b) The book Anandmath was written by_____.
 - c) About 6000 original photographs of Gandhi ji are housed at_____.
 - d) The_ reforms (1909), Report of the_____ commission (1929) are some of important source of information.
 - e) The architectural style of_____, artifacts and people of that period tell us the tales of thepast.
 - f) The Indian Congress was established in the year_____.

8. Match column I with column II

COLUMN I	COLUMN II
1. Report of Simon Commission	i. 1858
2. Transfer of power from East India Company to the British Crown	ii. 1929
3. Morley Minto Reforms	iii. 1885
4. Establishment of India National Congress	iv. 1909

a) 1- iii 2- iv, 3- ii, 4-I

c) 1- ii 2- i, 3- iv, 4-iii

b) 1- iv 2- i, 3- ii, 4-iii

D)1- iv 2- iii, 3-i, 4-ii

9. Bankim Chandra Chattopadhyay: _____ :: _____ :

Unhappy Indian

10. Rewrite the statements correctly.

“Freedom is my birth right : was the call given by Netaji Subhash Chandra Bose.

11. Identify the building in the following image



12. Identify the building in the following image



13. Find the odd one

a) London Times

b) Amrit Bazar Patrika

c) Dacca Prakash

d) Kesari

14.State whether the statement is true or false also state the reason to support the statement.

Gateway of India is in Delhi.

15.Match column I with column II

COLUMN I	COLUMN II
1. Gateway of India	i. Kolkata
2. Victoria Memorial	ii. Kesari
3. Rashtrapati Bhawan	iii. Mumbai
4. BalGangadharTilak	iv. New Delhi

- a) 1- iii 2- iv, 3- ii, 4-i
b) 1- ii 2- i, 3- iv, 4-iii
c) 1- iv 2- i, 3- ii, 4-iii
d) 1- iv 2- iii, 3-i, 4-ii

16.Which one of the following newspaper was written in Marathi language by Bal GangadharTilak?

- a) London Times
b) Amrit Bazar Patrika
c) Dacca Prakash
d) Kesari

17.Name the largest museum of on Gandhi Ji at Gandhi Smriti at Rajghat.

18.Rewrite the statement correctly.

The biggest museum on Gandhi Ji, Gandhi Smriti near Rajghat has a library with around 600original books .

19.Name the author of the book “My Experiments with Truth.”

20.Rearrange the following events in the correct sequence :

- i. Partition of India into India and Pakistan,
ii. Formation of India National Congress,
iii. Death of Mughal Emperor Aurangzeb
iv. JallianwalaBagh Massacre

- a) i, iii, iv and ii c) ii, i, iv and iii
b) iii, ii, iv and I d) iii, i, iv and ii

CH – 16 OUR CONSTITUTION

SECTION A

1. Who is the President of the constituent assembly?

- a) Jawaharlal Nehru b) Dr. Rajendra Prasad c) Sardar Patel

2. Identify the Chairman of the Drafting Committee.

- a) B. R. Ambedkar b) Mahatma Gandhi c) Maulana Azad

3. From which country have we borrowed the feature of “written constitution”.

- a) UK b) USA c) Ireland

4. Which of the following countries is not a democratic country?

- a) Sri Lanka b) Nepal c) China

5. Identify the country which does not have a federal system of Government.

- a) India b) USA c) China

6. Point out the country which is a secular country.

- a) Pakistan b) India

7. India opted for a federal form of Government because of

- a) Vast territory b) Administrative convenience
c) Linguistic and regional diversity

8. Create a motto of your state.

9. Fill in the blanks:

- a) There were _____ female members also in the constituent assembly.
b) The _____ was included in the beginning of the Constitution.
c) The Constitution of India is the lengthiest and most detailed. It is divided into _____ parts, has _____ Articles and 12 Schedules.
d) The Constituent Assembly was presided over by the _____.
e) India is a _____ state because the country is free from all external controls.
f) In India we have _____ citizenship irrespective of the part we live in.
g) In a parliamentary democracy there is close relationship between the _____ and the _____.
h) A constitution is called rigid or _____ on the basis of process of amendment.
i) _____ means that every citizen, who is 18 years and above has the right to vote.

- j) The constitution of _____ is written and rigid it divides power between center and states.
- k) India has an _____ judiciary free from the influence of the executive and the legislature.
- l) India has an _____ judiciary free from the influence of the executive and the legislature.

Chapter 17

Fundamental Rights, Fundamental Duties and Directive Principles of State Policy

1. Fill in the blanks:

- a) _____ are essential element of every democratic country.
- b) The Habeas Corpus, _____, _____, _____ and Certiorari are writ that can be filed for restoration of the Fundamental Rights.
- c) To uphold and protect the sovereignty, unity and integrity of India is one of the _____.
- d) At present there are _____ Fundamental Duties.
- e) The Directive Principles have been grouped into _____ categories.
- f) Right to Education has become a _____.
- g) Indian secularism is related to constitutional values of _____, _____, _____ and _____.
- h) To secure equal pay for equal work for both men and women is one of _____ principles of Directive Principles.
- i) The Fundamental Duties were added to the constitution in the year _____.

2. Correct the given statement:

As per right to education the state shall provide free and compulsory education to all children in the age group 5-15 years.

3. State true or false:

Educational institutions can impart religious instructions to the students.

a) The Habeas Corpus, Manadmus, prohibition Quowarranto are:

- (i) Writ
(ii) Fundamental Rights
(iii) Fundamental Duties
(iv) Directive Principles

4. Match the following

Column A

Freedom of Speech

Equality of Opportunity

Column B

Right to Equality

Right to Freedom.

5. Identify the given picture and which Fundamental Right protect this violation.



6. Read the extract and answer the question given below

‘After a long period of slavery and exploitation at the hands of the Britishers people aspired for life where the mind is without fear and the head is held high where education is free and for all where every citizen have their freedom of religion and faith where the sole aim of government is welfare of the people specially the downtrodden.’

List any two aspirations of people when the Indian Constitution was being framed.

SANSKRIT

- 1 सत्संगति का महत्व बताते हुए यह बताएं कि यदि कोई भी दुष्ट के साथ संगति करता है तो उसकी क्या-क्या हानि होती है ? 10 वाक्य संस्कृत में लिखें ।
- 2 अपने पांच मित्रों के नाम लिखकर उनकी रुचियों को संस्कृत में लिखें ।
- 3 संस्कृत में कोई पांच श्लोक कंठस्थ करके सस्वर वाचन करें।
- 4 पांच रंगीन चित्र बनाकर उससे संबंधित सात-सात वाक्य संस्कृत में लिखें ।

5 शब्द रूप- फल , राम , लता, मुनि, ,नदी , साधु

अस्मद् , युष्मद् , तत् किम् (तीनों लिंगों में) याद करके लिखो।

6 धातुरूप- पठ् ,गम् , दृश्, स्था, अस् , लिख् , स्मृ धातु पांचों लकारों में याद करके लिखो।

7 संख्यावाचक शब्द 1 से 50 तक और एक से 4 तक तीनों लिंगों में याद करके लिखो।

8 सुरभि की पुस्तक में पृष्ठ संख्या 143 से 150 तक पत्र करो।

प्रथम इकाई परीक्षा

सुरभि: -पाठ 1 ,2,3

शब्द रूप -राम, लता, फल, मुनि, नदी , साधु, अस्मद् , युष्मद् , तत्, किम् तीनों लिंगों में

धातु- भू, गम् ,दृश् , स्था ,अस् ,लिख् ,स्मृ पांचों लकारों में

संख्यावाचक शब्द- 1 से

50 तक

PUNJABI

- **नवीं नुहार पाठ पुसतक:-** पाठ 1 ਤੋਂ 5 ਯਾਦ ਕਰੋ
- **ਯਾਦ ਕਰੋ:-** ਵਿਰੇਧੀ ਸ਼ਬਦ (ਪੰਨਾ ਨੰਬਰ 90) , ਅਸੁੱਧ- ਸੁੱਧ (ਪੰਨਾ ਨੰਬਰ 83,84) ,ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ - ਇੱਕ ਸ਼ਬਦ 1 ਤੋਂ 35 (ਪੰਨਾ ਨੰਬਰ 112,113)
- **ਪੰਜਾਬੀ ਵਿਆਕਰਨ :-** ਲਿਖੋ ਅਤੇ ਯਾਦ ਕਰੋ ਲੇਖ:- ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ (ਪੰਨਾ ਨੰਬਰ- 150)

ਪੱਤਰ:- ਤੁਹਾਡੀ ਅੱਠਵੀਂ ਜਮਾਤ ਛੱਤਬੀੜ ਦਾ ਚਿੜੀਆ ਘਰ ਵੇਖਣਾ ਚਾਹੁੰਦੀ ਹੈ। ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਤੋਂ

ਇਸ ਦੀ ਆਗਿਆ ਲੈਣ ਲਈ ਅਰਜੀ ਲਿਖੋ। (ਪੰਨਾ ਨੰਬਰ - 214)

ਨੋਟ:- ਲਿਖਣ ਵਾਲਾ ਸਾਰਾ ਕੰਮ 'ਪੰਜਾਬੀ ਬੀ' ਦੀ ਕਾਪੀ ਵਿੱਚ ਸਾਫ- ਸਾਫ ਲਿਖਾਈ ਵਿੱਚ ਲਿਖਣਾ ਹੈ।

ਕਿਰਿਆਤਮਕ ਕੰਮ(Activities):-

- (1) ਕਿਸੇ ਇੱਕ ਇਤਿਹਾਸਿਕ, ਧਾਰਮਿਕ ਯਾਤਰਾ ਦੀ ਫੋਟੋ ਲਗਾ ਕੇ ਉਸ ਬਾਰੇ ਦਸ ਵਾਕਾਂ ਵਿੱਚ ਲਿਖੋ।
- (2) ਪੰਜਾਬੀ ਦੀ ਮਹਾਨ ਕਵਿੱਤਰੀ ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ ਦੀ ਫੋਟੋ ਚਿਪਕਾਓ ਅਤੇ ਉਹਨਾਂ ਦੀ ਕੋਈ ਇੱਕ ਕਵਿਤਾ ਲਿਖੋ।

ਨੋਟ:- ਕਿਰਿਆਤਮਕ ਕੰਮ ਕਰਦੇ ਹੋਏ ਹੇਠ ਲਿਖੀਆਂ ਗੱਲਾਂ ਧਿਆਨ ਰੱਖਣੀਆਂ ਹਨ:-

* ਐਕਟੀਵਿਟੀ ਰੰਗਦਾਰ ਸ਼ੀਟ ਤੇ ਕਰਨੀ ਹੈ।

* ਪਹਿਲੇ ਪੇਜ ਤੇ ਕਿਰਿਆਤਮਕ ਕੰਮ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣੀ ਹੈ।

ਜਿਵੇਂ:- ਪੰਜਾਬੀ ਦਾ ਕਿਰਿਆਤਮਕ ਕੰਮ (project of Punjabi)

ਫਿਰ ਵਿਸ਼ਾ(Topic) ਉਸ ਤੋਂ ਬਾਅਦ ਵਿਦਿਆਰਥੀ ਆਪਣਾ ਨਾਂ, ਰੋਲ ਨੰਬਰ, Admission ਨੰਬਰ ਲਿਖਣਗੇ ਤੇ ਅੰਤ

ਵਿੱਚ Submitted to ਤੇ Submitted by ਲਿਖਣਾ ਹੈ।

Syllabus for 1st Unit Test:-

ਨਵੀਂ ਨੁਹਾਰ ਪਾਠ ਮਾਲਾ ਪਾਠ :-1,2,3,5

ਵਿਰੋਧੀ ਸ਼ਬਦ :- [ਪੰਨਾ ਨੰਬਰ- 90]

ਅਸ਼ੁੱਧ ਤੋਂ ਸ਼ੁੱਧ ਸ਼ਬਦ :- (ਪੰਨਾ ਨੰਬਰ – 83,84)

ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ :- (1 ਤੋਂ 35) ਪੰਨਾ ਨੰਬਰ-112,113