



SHIKSHA NIKETAN HR. SEC. SCHOOL
JEEVAN NAGAR, JAMMU

SESSION: 2025-26

CLASS: 11TH

**SUMMER
HOLIDAY
HOMEWORK**



ENGLISH

Q1. Observe and record English around us from

- a) 5 sign board
- b) 5 advertisement
- c) 5 social media post or slogans

Q2. Read a Novel. Choose any one novel from the list

- To kill a mocking bird by Harper Lee
- To Alchemist by Paulo Coelho
- Animal farm by George Orwell

Write a Review (200-250) words.

- With Title, author
- Summary of the poet
- Main characters
- Message or moral
- What you liked/dislike from it.

Q3. Creative writing

- Write a short story (250-300) words with the title
- A day without Technology
- The last letter

Q4. Design a brochure for any place in Jammu city including:-

- Name of the Place
- Attraction
- Fun facts

Write why someone should visit. Use persuasive and descriptive language

Q5. Family is the first school of every child and parents can give you the best advice which Google cannot. Value your relations because you are blessed with them. Switch off your phone after 7 p.m. Every day and spend quality time with your family. Based on that discussion, write Narrative on what you have shared with your parents in that discussion.

Q6. Read and analyze any poem from your book. Write a summary in your own words. Identify poetic device used in the poem.

Q7. Prepare a pleasing bouquet with the help of tissue papers, silk ribbons, colourful charts and floral wires

PHYSICS

Q1. Find $\frac{dy}{dx}$ for the following functions

(i) $y = x + \sqrt{x} + \frac{1}{\sqrt{5}}$

(ii) $y = \frac{x^2+1}{x-2}$

(iii) $y = \cos(ax^2 + b)$

Q2. Evaluate

$$\int \left(x^2 - \cos x + \frac{1}{x} \right) dx$$

Q3.

$$\int_R^{\infty} \frac{GMm}{x} dx$$

Find the value of definite Integral

Q4. In CGS system, stefars constant $\sigma = 5.65 \times 10^{-8} \text{ erg sec}^{-1} \text{ cm}^{-2} \text{ K}^{-4}$. Find its value in SI System?

Q5. The Value of 'G' in CGS is $6.67 \times 10^{-8} \text{ drive } \frac{\text{cm}^2}{\text{g}^2}$ find value of 'G' in SI

Where 'G' is universal Gravitational Constant?

Q6. If units of force, energy and velocity are 20N, 200 J and 5m/s. Find the units of length, mass and time.

Q7. Check the Correctness of the relation

i) $v = \sqrt{\frac{2GM}{R}}$, $v \rightarrow \text{escape speed}$

G \rightarrow Universal gravitational Constant

M \rightarrow Mass, R \rightarrow radius

ii) $\lambda = \sqrt{\frac{h}{mv}}$, $\lambda \rightarrow \text{wavelength}$

h \rightarrow Planks Constant

m \rightarrow Mass, $v \rightarrow$ velocity

Q8. Find the dimension of $\left(\frac{a}{b}\right)$ in the equation of $F = a\sqrt{x} + bt^2$, where F is Force, x is distance & t is time.

Q9. Find the dimensions of a & b in Vaderwall equation $\left(P + \frac{a}{v^2}\right)(v - b) = R T$.

Q10. Check the correctness of equation

I) $E = mc^2$

II) $T = 2\pi \sqrt{\frac{l}{g}}$

Q11. The frequency of vibration of a stretched string depends upon

I) its length ' l '

II) mass per unit length (m)

III) tension (T) in the string

Q12. Find dimension of a & b in the equation

$P = \frac{b - x^2}{at}$, P is power, $x \rightarrow \text{distance}$, $t \rightarrow \text{time}$

Q13. Derive an expression for centripetal force F acting on a particle of mass m in moving in a ovule of radius r with velocity v

Q14. State the no. of significant figures

I) 0.009 m^2

II) 5.049 cm

III) 0.0040

IV) 5012.00

V) $5.3.8 \text{ J}$

Q15. The radius of a sphere is 11.24 cm. What is its surface area to approximate significant figures.

Q16. Discuss limitations and Dimensional analysis.

Q17. $[M L^2 T^{-2}]$ are the dimension of

(a) Force

(b) Kinetic energy

(c) pressure

(d) power

Q18. Write the dimension of (I) planks constant (II) coefficient viscosity (III) Surface Tension

Q19. Define (i) 1 astronomical unit (ii) 1 parsec

Q20. The quantities which has not same dimensions

(a) Torque & Work

(b) Work & Energy

(c) Impulse & momentum

(d) Strain and Stress.

Tick the correct option as shown above

- Q21.** A body travels S_1 distance with velocity v_1 and S_2 distance with velocity v_2 in the same direction, find the avg. velocity of the body.
- Q22.** A cyclist moving on a circular track of radius 100m & complete one revolution in 4 minutes. Find
(i) any speed (ii) avg. velocity in one full revolution.
- Q23.** A body covers one-third of its journey with speed v_1 and next one third with speed v_2 & last one third with speed v_3 calculate the avg. speed.
- Q24.** Differentiate b/w (i) distance and displacement (ii) speed & velocity
- Q25.** If $x = 18t + 5t^2$, x is displacement in meter t is time in sec
Find (i) velocity at $t = 2$ sec
(ii) velocity b/w $t = 0$ to $t = 2$ sec
- Q26.** If $x = 4t^2 - 15t + 25$ where x is displacement of particle in meter & t is time in sec
Find (i) portion (ii) velocity (iii) ace of particle at $t = 0$ sec
- Q27.** Derive equation of motion for uniformly acceleration motion using graphical method?
- Q28.** A bullet travelling with a velocity of 16 m/s penetrates a tree trunk and come to rest in 0.4 m. Find the time taken during the retardation.
- Q29.** A burgles car had a start with an acceleration of $2m/sec^2$. A polio vigilant panty cave after 5 seconds & continue to chax the burgles car, with a uniform velocity of 20m/s. Find the time in which police van can enter the burgles car.
- Q30.** Give the units & dimension of
(i) velocity (ii) acceleration
- Q31.** A ball is thrown vertically up with a velocity of 19.6m/s from the top of a tower & ball return to ground in time $t = 6$ sec. Find the height of tower.
- Q32.** A stone is dropped from a balloon rising upwards with a velocity of 16m/s. The stone reaches the ground in 4 sec. Calculate the height of the balloon when the stone is dropped.
- Q33.** State triangle law of vector addition & give its analytical treatment.
- Q34.** State parallelogram law of vector addition & give its analytical treatment.
- Q35.** Define (i) position vector (ii) Displacement vector (iii) unit vector
- Q36.** Define scalar product of two vectors and write their properties.
- Q37.** Define vector product of vector & write their properties.
- Q38.** If $\vec{A} = \hat{i} + 2\hat{j} - \hat{k}$
 $\vec{B} = -\hat{i} + \hat{j} - 2\hat{k}$
Find (i) $\vec{A} + \vec{B}$ (ii) $\vec{A} - \vec{B}$ (iii) $\vec{A} \cdot \vec{B}$ (iv) $\vec{A} \times \vec{B}$
- Q39.** Prove that vector
 $\vec{A} = \hat{i} + 2\hat{j} + 3\hat{k}$ and
 $\vec{B} = 2\hat{i} - \hat{j}$ are \perp to each other.
- Q40.** Find the value of ' α ' so that \vec{A} & \vec{B} one \perp to each other
 $\vec{A} = 5\hat{i} + 7\hat{j} - 3\hat{k}$
 $\vec{B} = 2\hat{i} + 2\hat{j} - \alpha\hat{k}$

CHEMISTRY

- Q1.** What is the of Photons of light with a wavelength of 4000 pm that provide 1J of energy
- Q2.** i) Calculate the number of electrons which will together weight one gram.
ii) Calculate man and charge of one mole of electrons.
- Q3.** Electromagnetic radiation of wavelength 242nm is just sufficient to ionise the sodium atom.

Calculate the ionisation energy of sodium in kJ mol^{-1}

- Q4.** A 25 watt bulb emits monochromatic yellow light of wavelength of $0.57\mu\text{m}$. calculate the rate of Emission of quanta per second
- Q5.** An element with mass number 81 contains 31.7% more neutrons as compared to protons. Answer briefly.
- Q6.** What transition in the hydrogen spectrum would have the same wavelength as the Balmer transition $n = 4$ to $n = 2$ of He^+ spectrum.
- Q7.** Symbols ${}^{79}_{35}\text{Br}$ and ${}^{79}\text{Br}$ can be written whereas symbols ${}^{35}_{79}\text{Br}$ and ${}^{35}\text{Br}$ are not acceptable. Answer briefly.
- Q8.** Nitrogen laser produces a radiation at a wavelength of 33.71nm . If the number of photons Emitted is 5.6×10^{24} . Calculate the power of this laser.
- Q9.** Calculate the wave number for the longest wavelength transition in the Balmer series of atomic Hydrogen.
- Q10.** What is the lowest value of 'n' that allows a orbital to exist?
- Q11.** Modern Periodic Table on A-4 sheet
- Q12.** Why e^- cannot exist in Nucleus.

MATHEMATICS

- Q1.** Sketch the graph of $\sin x$ with Domain & Range
- Q2.** Define Reciprocal system of complex number with example.
- Q3.** Draw the graph of $\tan x$ and write its domain and range.
- Q4.** Explain greatest integer function with graph and also write its domain and range.
- Q5.** Draw the graph of $\sec x$ and $\csc x$ and write its domain and range.
- Q6.** Define smallest integer function and draw its graph.
- Q7.** Explain Modulus function with Domain and Range
- Q8.** Explain the graph of signum function with Domain and Range
- Q9.** Define conjugate complex number. Also explain with the examples.
- Q10.** Prove that $\cos(x + y)$ with geometric interpretation
- Q11.** Define Domain and Range of $f(x)$ and find Domain and Range of $f(x) = \sqrt{16 - x^2}$
- Q12.** Find the Domain and Range of $f(x) = \sqrt{25 - x^2}$.
- Q13.** Prove that $\tan 4x = \frac{4\tan x (1 - \tan^2 x)}{1 - 6\tan^2 x + \tan^4 x}$
- Q14.** Discuss the Relationship between radian and degree
- Q15.** Let $A = \{1, 2, 3, 4, 5\}$
 $B = \{5, 4, 3, 7, 8\}$
- | | |
|-------------------|-------------------|
| Find 1) $A - B$ | 2) $A \cup B$ |
| 3) $A \cap B$ | 4) $(A \cup B)^c$ |
| 5) $(A \cap B)^c$ | 6) $(A - B)^c$ |
- Q16.** Find the following degree to radian
- | | |
|-----------------------|----------------------|
| i) $5^\circ 37' 30''$ | ii) $-37^\circ 30''$ |
|-----------------------|----------------------|
- Q17.** Define equivalence relation on function and on to function with example
- Q18.** Explain odd and even functions with example.
- Q19.** Prove the sum formula for sin function. (Geometrically)

BIOLOGY

➤ **Chapter 1 Cell: The Unit of Life (15 Questions)**

- Q1. Which of the following is a prokaryotic cell?
- Q2. Which organelle is absent in prokaryotes?
- Q3. Name the organelles has double membrane?
- Q4. 70S ribosomes are found in:
- Q5. The plasma membrane is composed mainly of:
- Q6. Name the Component which does not contain in DNA.
- Q7. Cell wall of plant cells is primarily made of
- Q8. Name the organelles is involved in detoxification
- Q9. Which organelle is considered the “suicidal bag” of the cell?
- Q10. The organelle is responsible for ATP production is:
- Q11. Nucleolus is the site of synthesis of:
- Q12. Which structure is present in plant cells but absent in animal cells?
- Q13. In which phase of the cell cycle are chromosomes least condensed and most active in transcription
- Q14. Which one structure is not common between mitochondria and chloroplast?
- Q15. Cell theory was proposed by:

➤ **Chapter 2 Cell Cycle and Cell Division (10 Questions)**

- Q1. Which phase of the cell cycle is the longest?
- Q2. DNA replication occurs during which phase of the cell cycle?
- Q3. Which event does not occur during mitosis but in meiosis?
- Q4. Which structure helps in the spindle formation in animal cells?
- Q5. Crossing over occurs during which stage of meiosis?
- Q6. What is the correct sequence of stage during mitosis?
- Q7. The number of chromosomes in daughter cells produced after mitosis is:
- Q8. Cell plate formation is a feature of:
- Q9. During which stage of mitosis do chromosomes align at the equator?
- Q10. Meiosis results in:

➤ **Chapter 3 Photosynthesis in Higher Plant (10 Questions)**

- Q1. Name of the primary electron acceptor of photosynthesis?
- Q2. The light-dependent reactions of photosynthesis take place in:
- Q3. Which component is common to both cyclic and non-cyclic photophosphorylation?
- Q4. The Z scheme of photosynthesis describes:
- Q5. Which type of plants shows Kranz anatomy?
- Q6. The enzyme RuBisCO is responsible for:
- Q7. In C_4 plants, the primary CO_2 acceptor is:
- Q8. The end product of the light reaction used in the Calvin cycle is:
- Q9. Oxygen released during photosynthesis comes from:
- Q10. Photorespiration does not occur in:

EVS

➤ **Instructions**

- Answer all questions neatly.
- Use diagrams where necessary

- Be original in your responses

➤ **Chapter 1 Understanding Environment**

- Q1.** Explain the components of the environments?
Q2. Differentiate between biotic and abiotic components with examples?
Q3. Why environmental awareness important is today's world?
Q4. List any four major environmental issues of your locality?

➤ **Chapter 2 Ecology**

- Q5.** Define the following terms with examples.

- a) Ecosystem
- b) Habitat
- c) Community

- Q6.** Explain the concept of food chain and food web with one example each?
Q7. Draw and explain Hydrosere type of ecological succession?

➤ **Chapter 3 Environmental Interactions and Adaptations.**

- Q8.** What are the consequences if species fail to adapt to changing environment?
Q9. What are Inter specific Interactions? Explain any three types with example?
Q10. Differentiate between Amensalism and Predation with examples

- ❖ Revise all the Chapters done till vacations start.
- ❖ Do observe environmental / weather change during holidays.
- ❖ Do hear and view News and do write important environmental days during vacations.
- ❖ Do meditate yoga in morning to feel fresh, relaxed and connected to environment.
- ❖ Follow environment friendly rules for Better future.

PHYSICAL EDUCATION

- Q1. Chart paper project:** - Depict a local tournament on chart paper showing rules, skills and equipment involved.
Q2. Diagram and competitions: - Create a diagram of a 400m track with proper markings. Compute your family's BMI and represent the data graphically.
Q3. Games analysis:- Choose a game from your syllabus draw its field, list the rules and describe its skills and terminology.
Q4. Make a list of current National awardees in sports such as Dronacharya Award, Arjuna Award, and Rajiv Gandhi Khel Ratana Award also mention the criteria of these awards
Q5. Create a pictorial presentation of at least five Asanas that improve Respiratory and digestive system

COMPUTER SCIENCE

- Q1.** Create a PPT on Water Pollution and send it to concern teacher on Whatsapp
Q2. Explain any 5 input devices and paste the picture on holiday home work notebook
Q3. Explain storage device and paste their picture on holiday home work notebook
Q4. Explain RAM & ROM and paste their pictures
Q5. Convert $(BABA)_{16} \rightarrow (?)_B$ using long and short method both
Q6. Convert $(11101110110011101)_2 \rightarrow (?)_{16}$ by using long and short method both
Q7. Convert $(DCAB)_{16} \rightarrow (?)_8$ by using long and short method both
Q8. Convert $(7252)_8 \rightarrow (?)_{16}$ by using long and short method both

ACCOUNTANCY

- Q1.** Paste and explain different types of vouchers.
- Q2.** Frame 20 transactions and prepare journal entries, ledgers and subsidiary books (use separate file)
- Q3.** Define Book keeping and how does it differ from accounting?
- Q4.** How can you apply accounting in your daily life as a student?
- Q5.** Explain the following terms with the help of examples
- | | | |
|---------------------------------|--------------------------------|---------------------------------|
| i) Assets | ii) Liabilities | iii) Capital |
| iv) Drawing | v) Current Assets | vi) Non-Current Assets |
| vii) Current Liabilities | viii) Bad debts | ix) Debtors |
| x) Creditors | xi) Revenue Expenditure | xii) Capital Expenditure |
| xiii) Depreciation | xiv) Bills- Payable | xv) Bill Receivable |
- Q6.** Solve any 10 questions of accounting equation.
- Q7** Solve any five questions of Journal entries
- Q8.** Solve any ten questions of single column and double column cash book.
- Q9.** Explain the various accounting principles with the help of suitable example.
- Q10.** Define trade discount. How does it differ from cash discount?
- Q11.** Explain the limitations of accounting.
- Q12.** Define petty expenses. Also draw the format of petty cash book with the help of imaginary figures.
- Q13.** Explain the various features of accounting.
- Q14.** Discuss the various qualitative characteristics of accounting information.
- Q15.** Who are the users of accounting information? Why they need the accounting information?
- Q16.** Explain the various rules of debit and credit with help of suitable examples.

ENTREPRENEURSHIP

- Q1.** Define entrepreneurship. Explain its features.
- Q2.** Give the innovation process given by J.A. Schumpeter. Explain
- Q3.** Explain the functions of entrepreneurship.
- Q4.** Briefly discuss the need and importance of entrepreneurship?
- Q5.** Explain the role of entrepreneurship in Economic Development?
- Q6.** Explain the barriers to entrepreneurship
- Q7.** Discuss the definition and characteristics of Entrepreneur?
- Q8.** Elaborate the various types of Entrepreneur?
- Q9.** Discuss the role and problems of women Entrepreneur?
- Q10.** How is generating national wealth and creation of employment by entrepreneur? Discuss his role in it.
- Q11.** Make a project on profile of a successful entrepreneur in India.
- Q12.** Make a project on assessment of working capital by various sources.

BUSINESS STUDIES

- Q1.** Describe the basic factors to be considered while starting a new business.
- Q2.** What are the privileges enjoyed by a private company in comparison to public company.
- Q3.** Is registration of partnership compulsory? State the procedure of getting the partnership registered.
- Q4.** State the methods used by Global Enterprises for their operations.
- Q5.** The Economic reforms of 1991 limited the role public sector in India. What were the major steps

taken in this regard?

- Q6.** When Government and Private sector join together to form an enterprise for public services etc. Name this kind of enterprise? Name & explain the features of this enterprise
- Q7.** Can a public enterprise compete with a private enterprise in terms of profitability and efficiency? Give reasons.
- Q8.** "Business is an institution organises and operated to provide goods and services under the Incentive of private Gain". Discuss.
- Q9.** Why does business need multiple objectives? Explain any five such objectives.
- Q10.** "Risk is an inherent element of business". Do you agree? Comment.
- Q11.** Prepare 20's MCQs from chapter 1, 2 and 3.
- Q12.** Approach a nearby bank and collect information about various facilities offered by them and also Collect leaflets about salient features of different schemes. Compile and suggest what other Services you felt the bank should be providing to its customers.

BUSINESS MATHS

- Q1.** Discuss the graph of $\sin x$
- Q2.** Discuss the graph of $\cos x$
- Q3.** Discuss the graph of $\tan x$
- Q4.** Discuss the graph of $\cot x$
- Q5.** Discuss the graph of $\sec x$
- Q6.** Discuss the graph of $\operatorname{cosec} x$
- Q7.** Explain Modulus function with Domain and Range
- Q8.** Define signum function with Domain and Range
- Q9.** Define greatest interfere function
- Q10.** Prove that $\cos(x + y) = \cos x \cos y - \sin x \sin y$ by geometric reason or explanation
- Q11.** Find the Domain and Range of $\sqrt{25 - x^2}$
- Q12.** Find Domain and Range of $\sqrt{x^2 - 16}$
- Q13.** State and prove De Morgan law with diagram
- Q14.** Explain general solution of Trigonometric function
- Q15.** Prove that $n(A \cup B \cup C) = n(A) + n(B) + n(C) - n(A \cap B) - n(B \cap C) - n(A \cap C) + n(A \cap B \cap C)$
- Q16.** Let $A = \{1, 2, 3, 4, 5\}$, $B = \{3, 6, 7, 4\}$ $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$
find (1) $A - B$ (2) $(B - A)$ (3) $A \cup B$ (4) $A \cap B$ (5) $A \Delta B$
(6) A^c (7) B^c (8) $(A \cup B)^c$ (9) $(A \cap B)^{10}$ (10) $(B - A)^c$
- Q17.** Prove that $\tan 4x = \frac{4 \tan x (1 - \tan^2 x)}{1 - 6 \tan^2 x + \tan^4 x}$
- Q18.** Discuss the relationship between Radian and Degree
- Q19.** Connect 1^n to following
1. -2^c
 2. $26^0 36^1 36^{11}$
 3. -6^c
 4. $-47^0 \frac{1}{6}$
- Q20.** Define equivalence relation empty relation, universal relation, one-one function. Explain with Suitable example

ECONOMICS

- Q1.** Make a project on Consumer awareness amongst household with Questionnaire?
- Q2.** Distinguish between Primary data and Secondary Data.
- Q3.** Discuss the Importance of Statistics in Economics.
- Q4.** Make any two Pie chart and Bar diagram with assuming data.
- Q5.** What is the difference between Bar diagram and Histogram?
- Q6.** What are importance of ogive in geographical presentation of data?
- Q7.** What do you mean by census? Discuss its importance in economics?
- Q8.** Discuss the rules to construction of time series graph?
- Q9.** Write all four definitions of economics by different author?
- Q10.** Make a project on “Censes 2011” and also comparing with the data of 2025.
- Q11.** Take assuming data and make four histogram and frequency polygon.
- Q12.** Write the concept of National sample survey organisation

SOCIOLOGY

1. Project based Assignments:

Select one of the provided themes for Project.

- i) Reducing inequalities for differently abled children.
- ii) Creating awareness for psychological issues.
- iii) Improving inclusive education.

2. Prepare a presentation:

Prepare a short video, digital poster, or research paper on one of these themes, to show cases your understanding of the chosen theme.

Choose a theme:

- i) Awareness for Psychological issues.
- ii) How to reduce social discrimination on the bases of caste, class, and status.
- iii) Impact of Digitalization on Society.

3. Report based Assignments:

Choose a topic: Select a topic from the list and prepare a report.

- i) Marriage
- ii) Social groups
- iii) Social Stratification
- iv) Kinship

4. Research and analyze: conduct research, gather information and analyze the chosen topic, focusing on its sociological relevance and implications.

5. Present your finding: Prepare a written report summarizing your research and analysis, potentially including visuals or diagrams.

6. Creative Assignments:

Explore different mediums: Create a painting a board game or even a puppet to express your understanding of Sociological concepts.

7. Compare & Contrast: Compare and contrast rural and urban societies.

➤ **Tips for completing your holiday home-work:**

- **Start Early:** Don't wait until the last minute to begin your work
- **Organize your Research:** Keep all your research materials in a neat and organized manner.

- **Seek help if needed:** If you have any questions or need classification, don't hesitate to ask your teacher or classmates.
- **Be creative and expressive:** Don't be afraid to put your own unique touch on your work.

PSYCHOLOGY

Q1. Chapters covered

1. What is Psychology.
2. Methods of Enquiry in Psychology.
3. Human development
4. Sensory attention, perception process

Q2. Assignment Task.

1. Learn and write key terms of 1st three chapters
2. Read and prepare key points of 4th Chapter 'Sensory Attention and Precipitant process'.
3. Prepare 25 MCQ's of each chapter.

Q3. Research Task.

1. Interview two people (of any age group) and ask them how to deal with stress, emotions and decision making.
2. Record their response.

Q4. Case-study (application based)

1. Write a short case study of a person who show behavioural changes due to environment/ family.
2. Face a difficulty or memory loss.
3. Mention background, problem like by cause or suggested psychological strategies.

Q5. Evolution of Psychology.

Or

Stage of development.

POL SCIENCE

Q1. Make a flow chart of sources of Indian Constitution. Major countries & Acts and their role in shaping the Indian Constitution.

- Take the examples from US
- Discuss UK Constitution
- Impact of France, Ireland & USSR

Q2. What do you mean by fundamental rights? Collect & paste example of various fundamental rights.

- Take example from the Newspaper cuttings
- Recent cases of Fundamental Rights to be discuss
- Right to equality & Freedom to be discussed in detail.

Q3. Write down the Biographical sketch of

- KARL MARX
- ARISTOTLE
- Dr. B.R. AMBEDKAR

Q4. How judiciary protects the right of the individual?

- Use Newspaper cutting of various judgments related to protection of fundamental rights.

- Write examples of Golak Nath case and the case of 42nd Amendment.
- Q5.** Write a detailed note on freedom struggle of France. How it influence the freedom struggle in various parts of world with special reference to India.
- How France had help in making of India as a country
- Discuss the role of USSR in Indian Constitution

EDUCATION

- Q1.** Show your familiarity with meaning and different classifications of agencies of education.
- Q2.** What are the functions of Home as an agency of education? Also explain how family plays a major role in socialization of a child?
- Q3.** Make a flow chart of formal, informal and non-formal agencies of education. Also differentiate between formal, informal and non-formal agencies of education.
- Q4.** Define culture as an aim of education with special reference to meaning and importance.
- Q5.** Differentiate between Nursery and pre- basic Education.
- Q6.** What are the problems in organization of primary education in India? Give suggestions for quantitative improvement for organization of primary education.
- Q7.** What are your various regarding curriculum, methods of teaching, equipment in Pre - primary School
- Q8.** Elaborate the 5+3+3+4 formula in NPE2020 Education system
- Q9.** State and analysis Dr. Zakir Hussian's definition of Education.
- Q10.** Mention the way to seek co-operation between school and family.
- Q11.** State and elucidate Dr. Muhammad Iqbal's definition of education.
- **The summer holiday homework must be done in a separate assignment notebook.**

GEOGRAPHY

- Q1.** Draw a map and label on it:-
 - a) Vindhya Range
 - b) Satpura Range
 - c) Amar Katak Plateau
 - d) Indus River
 - e) Ganga River
 - f) Yamuna River
 - g) Brahmaputra River
- Q2.** What do you mean by intrusive form? Explain its forms/types.
- Q3.** Make a comparison of the Island groups of the Arabian Sea and the Bay of Bengal
- Q4.** Explain early and modern theory of the universe
- Q5. Project Work:-**
 - Collect information about the Project "Stardust"
 - i) Which is the agency that has launched this Project?
 - ii) Why are scientists interested in collecting Stardust?
- Q6.** What are the important characteristic features of north Indians rivers? How are these different from Peninsular rivers?
- Q7.** Make a list of major Himalayan peaks from west to the east with the help of an atlas.

HISTORY

(NCERT:-Themes in World History)

General Instructions:

All work should be done neatly in a dedicated notebook or on A4 sheets.

Support your answers with relevant pictures, maps, and timelines wherever possible.

Mention sources for research-based tasks.

Section A: Project Work (Compulsory)

Choose any one topic for in-depth research and presentation (as per Jkbose guidelines):

1. The Story of the First Cities: Harappan Civilization
2. Rome: From Republic to Empire
3. The Industrial Revolution
4. The French Revolution and its Impact

Instructions: Write 8-10 pages.

- **Include the following:** Introduction, Main Body, Timeline/Flowchart, Sources used, and Conclusion.

You may include a creative element (e.g., diary entries, fictional interviews, drawings, etc.).

Section B: Map Work

1. On a political map of the world, locate and label:

Any 5 major cities of the ancient world (e.g., Ur, Mohenjo-Daro, Rome, Athens, Constantinople)

Trade routes of the Silk Road.

Areas of Mesopotamian, Roman, and Egyptian civilizations

Section C: Activity-Based Tasks

1. **Creative Writing Task:** Write a fictional letter or diary entry as a person living in one of the ancient civilizations (Mesopotamian, Roman, Harappan, etc.). Approx. 300 words. Focus on daily life, religion, politics, or family.
2. **Compare and Contrast Chart:** Create a chart comparing the Mesopotamian and Egyptian civilizations in terms of:
 - Geography
 - Writing
 - Religion
 - Architecture
 - Political Systems

Section D: Reading and Reflection

Read any one historical fiction or documentary (suggested titles below), and write a short review (300-400 words):

Guns, Germs and Steel by Jared Diamond

The Story of Civilization by Will Durant

Watch a documentary: Ancient Civilizations (on YouTube or History Channel) Include: What did you learn? What surprised you?

HINDI

प्रश्न 1. पद्य भाग

क) मानसरोदक खंड का परिचय देते हुए पद्मावती और उसकी सहेलियों का वर्णन करें।

ख) सूरदास जी के काव्य की काव्यगत विशेषताएँ लिखिए।

प्रश्न2. गद्य भाग :-

क) वापसी नामक कहानी के मुख्य पात्र गजाधर बाबु का चित्र-चित्रण कीजिए।

ख) 'चुप चन्तारा रोना नहीं' कहानी में क्या दर्शाया गया है?

ग) 'परदा' कहानी में बबर अली खान कौन था?

प्रश्न3. हिंदी साहित्य का इतिहास:-

क) हिंदी साहित्य का संक्षिप्त परिचय देते हुए भक्तिकाल के बारे में लिखिए।

ख) प्रेममार्गी और ज्ञानमार्गी धारा में अन्तर बताएँ।

ग) आदिकाल के नामकरण पर टिप्पणी कीजिए।

प्रश्न4. व्याकरण भाग:-

➤ पर्यायवाची शब्द:- 5

➤ विलोम शब्द:- 50

प्रश्न5. अनुच्छेद :-

i) इंटरनेट के लाभ तथा हानियाँ

ii) योग का महत्व

➤ पत्र:- ग्रीष्मावकाश के लिए अपने मित्र को निमंत्रण पत्र लिखिए।

नोट:- लिखें और याद करें।

प्रश्न6. 'परियोजना कार्य'

क) पर्यावरण पर एक कविता लिखें तथा अपनी रचनात्मक कला का प्रयोग करते हुए एक पोस्टर बनाएं जो स्वस्थ जीवन और पर्यावरण को दर्शाता हो।

ख) कबीरदास जी का चित्र दर्शाते हुए उनके कोई 20 महत्वपूर्ण दोहे लिखें।

NOTE:

➤ SUBMISSION OF HOLIDAYS HOMEWORK ON 11-07-25 (FRIDAY)

➤ TIME OF SUBMISSION:- 09:00 AM TO 9:30 AM

➤ ENTRY IS FROM GATE NO. 5

