Class VIA, VIB   Home work.
Autumn Break

1. Notes Preparation ob chapter seven, "Ashoka have upwar"

Project on Topic 'Environment"

Class IX C

1. Notes Preparation ob chapter "Mazism" and next chapter "Colonialism".

Class X C

1. Notes Preparation ob chapter three "Roman Empire, Continent across ~~the~~ meong Coasi Empire across three Continents"

2. Project work ob chapter 2, chapter 3
   Meso potamia (Writing Skill)
   Roman Empire (Political, Social, economical, Cultural)

Class XII C

1. Notes Preparation ob chapter 7 Vijaynagar
   Chapter 8. Mughal economy.
   16th to 17th century

2. Project work, any topic for main Exam.

3. Syc. B. S. E model Paper solve.

A. V. M. Tripathi

Q.1.   Insert commas suitably and write the names according to Indian System of Numeration:
(a) 87595762   (b) 8546283   (c) 99900046   (d) 98432701

Q.2.   Write the successor of:
(a) 2440701   (b) 100199   (c) 1099999   (d) 2345670

Q.3.   Find the value of the following:
(a) $297 \times 17 + 297 \times 3$
(b) $54279 \times 92 + 8 \times 54279$

Q.4.   Using divisibility tests, determine which of the following numbers are divisible by 11:
(a) 5445
(b) 10824
(c) 7138965

Q.5.   Find the smallest 4-digit number which is divisible by 18, 24 and 32.

Q.6.   Find the least number which when divided by 6, 15 and 18 leave remainder 5 in each case.

Q.7.   Three tankers contain 403 litres, 434 litres and 465 litres of diesel respectively. Find the maximum capacity of a container that can measure the diesel of the three containers exact number of times.

Q.8.   Draw a rough sketch of a quadrilateral KLMN. State,
(a) two pairs of opposite sides,
(b) two pairs of opposite angles,
(c) two pairs of adjacent sides,
(d) two pairs of adjacent angles.

Q.9.   Draw any circle and mark
(a) its centre   (b) a radius   (c) a diameter   (d) a sector
(e) a segment   (f) a point in its interior   (g) a point in its exterior

Q.10.   Name the types of following triangles:
(a) Triangle with lengths of sides 7 cm, 8 cm and 9 cm.
(b) $\triangle ABC$ with AB = 8.7 cm, AC = 7 cm and BC = 6 cm.

(c) ∆PQR such that PQ = QR = PR = 5 cm.
(d) ∆DEF with ∠D = 90°
(e) ∆XYZ with ∠Y = 90° and XY = YZ.
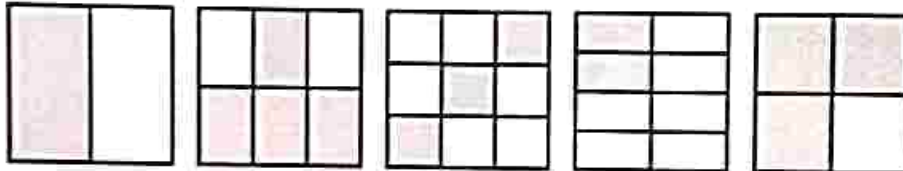(f) ∆LMN with ∠L = 30°, ∠M = 70° and ∠N = 80°.

Q.11.   Find
(a) (–7) – 8 – (–25)
(b) (–13) + 32 – 8 – 1
(c) (–7) + (–8) + (–90)
(d) 50 – (–40) – (–2)

Q.12.   Fill in the blanks with >, < or = sign.
(a) (–3) + (–6) _____ (–3) – (–6)
(b) (–21) – (–10) _____ (–31) + (–11)
(c) 45 – (– 11) _____ 57 + (– 4)
(d) (–25) – (–42) _____ (– 42) – (–25)

Q.13.   Write the fractions and pair up the equivalent fractions from each row.

(a)   (b)   (c)   (d)   (e)
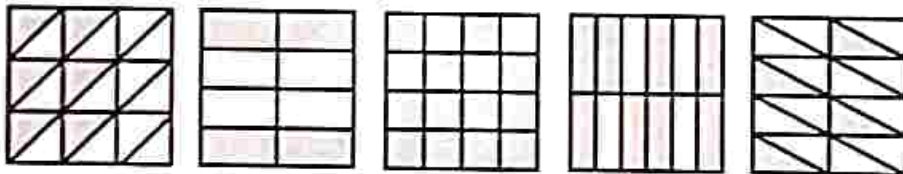
(i)   (ii)   (iii)   (iv)   (v)

Q.14.   Solve
(a) 2 / 3 + 1 / 7
(b) 3 / 10 + 7 / 15
(c) 4 / 9 + 2 / 7
(d) 3 / 4 – 1 / 3
(e) 5 / 6 – 1 / 3
(f) 2 / 3 + 3 / 4 + 1 / 2

Q.15.   Find the value of:
(a) 9.756 – 6.28
(b) 21.05 – 15.27
(c) 18.5 – 6.79
(d) 11.6 – 9.847

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③ Cruti Yadav cruti
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Q.1. Find the product, using suitable properties:

(a) $26 \times (-48) + (-48) \times (-36)$

(b) $8 \times 53 \times (-125)$

(c) $625 \times (-35) + (-625) \times 65$

Q.2. Evaluate each of the following:

(a) $(-30) \div 10$

(b) $50 \div (-5)$

(c) $(-31) \div [(-30) + (-1)]$

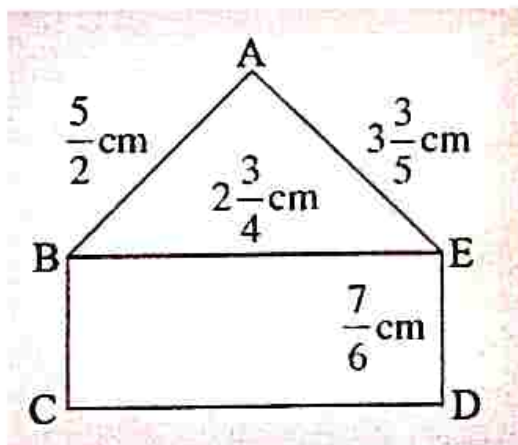**Q.3.** Solve:

(i) $2 - (3/5)$

(ii) $4 + (7/8)$

(iii) $(3/5) + (2/7)$

(iv) $(9/11) - (4/15)$

(v) $(7/10) + (2/5) + (3/2)$

Q.4. Find the perimeters of (i) Triangle ABE (ii) the rectangle BCDE in this figure. Whose perimeter is greater?

Q.5. Find:

(i) $7.9 \div 1000$

(ii) $26.3 \div 1000$

(iii) $38.53 \div 1000$

(iv) $3.25 \div 0.5$

Q.6. The performance of a student in 1st Term and 2nd Term is given. Draw a double bar graph choosing appropriate scale and answer the following:

Subject	English	Hindi	Maths	Science	S. Science
1ˢᵗ Term (M.M. 100)	67	72	88	81	73
2ⁿᵈ Term (M.M. 100)	70	65	95	85	75

(i) In which subject, has the child improved his performance the most?

(ii) In which subject is the improvement the least?

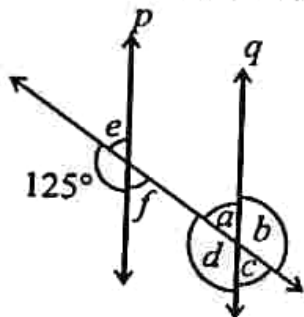(iii) Has the performance gone down in any subject?

Q.7.   The weights (in kg.) of 15 students of a class are:

38, 42, 35, 37, 45, 50, 32, 43, 43, 40, 36, 38, 43, 38, 47

(i) Find the mode and median of this data.

(ii) Is there more than one mode?
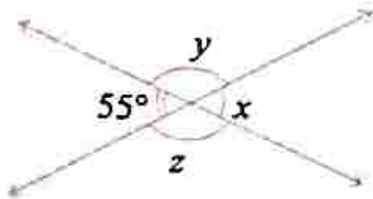
Q.8.   Solve the following equations:

(a) $2(x + 4) = 12$

(b) $3(n - 5) = 21$

(c) $3(n - 5) = - 21$

(d) $16 = 4 + 3(t + 2)$

(e) $4 + 5(p - 1) = 34$

Q.9.   In the adjoining figure, p ∥ q. Find the unknown angles.

Q.10.   In the given fig. find the values of the angles x, y, and z:

Q.11.   The diagonals of a rhombus measure 16 cm and 30 cm. Find its perimeter.

Q.12.   A tree is broken at a height of 5 m from the ground and its top touches the ground at a distance of 12 m from the base of the tree. Find the original height of the tree.

Q.13.   The population of a city decreased from 25,000 to 24,500. Find the percentage decrease.

Q.14.   Find the amount to be paid at the end of 3 years: Principal = Rs. 1,200 at 12% p.a.

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Q.1. Using appropriate properties find.
(i) $-2/3 \times 3/5 + 5/2 - 3/5 \times 1/6$

Q.2. Find the multiplicative inverse of the
(i) -13 (ii) -13/19 (iii) 1/5 (iv) $-5/8 \times (-3/7)$ (v) $-1 \times (-2/5)$ (vi) -1

Q.3. Find five rational numbers between.
(i) 2/3 and 4/5   (ii) -3/2 and 5/3   (iii) ¼ and ½

Q.4. Solve the following equations.
(i) $(8x - 3)/3x = 2$
(ii) $(7y + 4)/(y + 2) = -4/3$
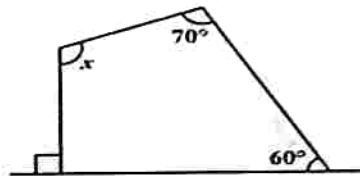(iii) $n/2 - 3n/4 + 5n/6 = 21$
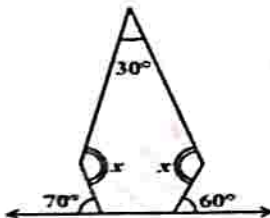(iv) $2y + 5/3 = 26/3 - y$
(v) $5x + 9 = 5 + 3x$

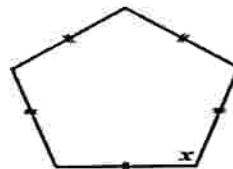**Q.5.** Find the angle measure x in the following figures.
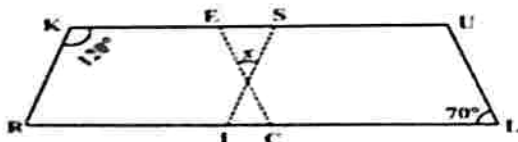

(a)

(b)

(c)

(d)

Q.6. In the above figure both RISK and CLUE are parallelograms. Find the value of x.

Q.7. The number of students in a hostel, speaking different languages is given below. Display the data in a pie chart.

Language	Hindi	English	Marathi	Tamil	Bengali	Total
Number of students	40	12	9	7	4	72

Q.8. Find the square roots of the following numbers by the Prime Factorisation Method.
i. 729   ii. 400   iii. 1764   iv. 4096   v. 7744

Q.9. For each of the following numbers, find the smallest whole number by which it should be multiplied so as to get a perfect square number. Also find the square root of the square number so obtained.
i. 252   ii. 180   iii. 1008   iv. 2028

Q.10. Find the square root of each of the following numbers by Division method.
i. 2304   II. 4489   III. 3481   iv. 529

Q.11. Find the cube root of each of the following numbers by prime factorisation method.
(i) 64   (ii) 512   (iii) 10648   (iv) 27000

Q.12. Find the smallest number by which each of the following numbers must be divided to obtain a perfect cube.
(i) 81   (ii) 128

Q.13. A VCR and TV were bought for Rs, 8,000 each. The shopkeeper made a loss of 4% on the VCR and a profit of 8% on the TV. Find the gain or loss percent on the whole transaction.

Q.14. I borrowed Rs. 12000 from Jamshed at 6% per annum simple interest for 2 years. Had I borrowed this sum at 6% per annum compound interest, what extra amount would I have to pay?

Q.15. (a) Subtract $4a - 7ab + 3b + 12$ from $12a - 9ab + 5b - 3$
(b) Subtract $3xy + 5yz - 7zx$ from $5xy - 2yz - 2zx + 10xyz$
(c) Subtract $4p^2q - 3pq + 5pq^2 - 8p + 7q - 10$ from $18 - 3p - 11q + 5pq - 2pq^2 + 5p^2q$

Q.16. (a) Add: $p(p - q)$, $q(q - r)$ and $r(r - p)$
(b) Add: $2x(z - x - y)$ and $2y(z - y - x)$

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Autumn Break Home Work-(03-10-2022 to 12-10-2022)
KV MAU
CLASS IX- MATHEMETICS

Q.1.   Simplify each of the following expressions:
   (i) $(3+\sqrt{3})(2+\sqrt{2})$
   (ii) $(3+\sqrt{3})(3-\sqrt{3})$
   (iii) $(\sqrt{5}+\sqrt{2})^2$
   (iv) $(\sqrt{5}-\sqrt{2})(\sqrt{5}+\sqrt{2})$
Q.2.   Rationalize the denominators of the following:
   (i) $1/\sqrt{7}$
   (ii) $1/(\sqrt{7}-\sqrt{6})$
   (iii) $1/(\sqrt{5}+\sqrt{2})$
   (iv) $1/(\sqrt{7}-2)$
Q.3.   Factorize:
   (i) $4x^2+9y^2+16z^2+12xy-24yz-16xz$
   (ii) $2x^2+y^2+8z^2-2\sqrt{2}xy+4\sqrt{2}yz-8xz$
   (iii) $27-125a^3-135a+225a^2$
Q.4.   Verify that:
   $x^3+y^3+z^3-3xyz = (1/2)(x+y+z)[(x-y)^2+(y-z)^2+(z-x)^2]$
Q.5.   See Fig., and write the following:
   i. The coordinates of B.
   ii. The coordinates of C.
   iii. The point identified by the coordinates (−3, −5).
   iv. The point identified by the coordinates (2, − 4).
   v. The abscissa of the point D.
   vi. The ordinate of the point H.
   vii. The coordinates of the point L.
   viii. The coordinates of the point M.

Q.6.   In countries like USA and Canada, temperature is measured in Fahrenheit, whereas in countries like India, it is measured in Celsius. Here is a linear equation that converts Fahrenheit to Celsius:
   (i) Draw the graph of the linear equation above using Celsius for x-axis and Fahrenheit for y-axis.
   (ii) If the temperature is 30°C, what is the temperature in Fahrenheit?
   (iii) If the temperature is 95°F, what is the temperature in Celsius?
   (iv) If the temperature is 0°C, what is the temperature in Fahrenheit and if the temperature is 0°F, what is the temperature in Celsius?

Q.1.   Simplify each of the following expressions:
(i) $(3+\sqrt{3})(2+\sqrt{2})$
(ii) $(3+\sqrt{3})(3-\sqrt{3})$
(iii) $(\sqrt{5}+\sqrt{2})^2$
(iv) $(\sqrt{5}-\sqrt{2})(\sqrt{5}+\sqrt{2})$

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(ii) $1/(\sqrt{7}-\sqrt{6})$
(iii) $1/(\sqrt{5}+\sqrt{2})$
(iv) $1/(\sqrt{7}-2)$

Q.3.   Factorize:
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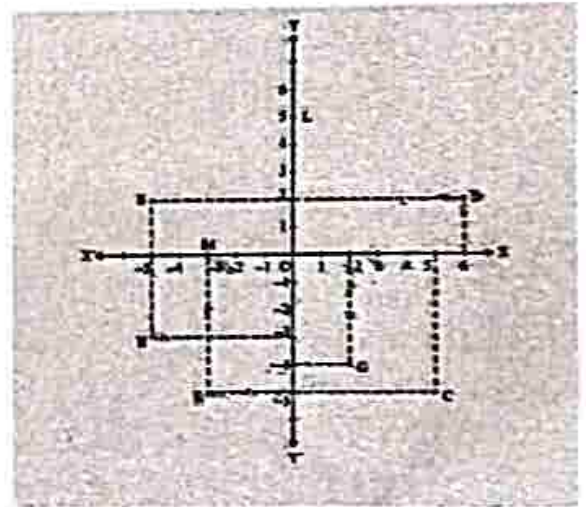(ii) $2x^2+y^2+8z^2-2\sqrt{2}xy+4\sqrt{2}yz-8xz$
(iii) $27-125a^3-135a+225a^2$

Q.4.   Verify that:
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(iii) If the temperature is 95°F, what is the temperature in Celsius?
(iv) If the temperature is 0°C, what is the temperature in Fahrenheit and if the temperature is 0°F, what is the temperature in Celsius?

(v) Is there a temperature which is numerically the same in both Fahrenheit and Celsius? If yes, find it.

Q.7. If a point C lies between two points A and B such that AC = BC, then prove that AC = ½ AB. Explain by drawing the figure.

Q.8. In Fig. 5.10, if AC = BD, then prove that AB = CD.

Fig. 5.10

Q.9. In Fig. 6.43, if PQ ⊥ PS, PQ || SR, ∠SQR = 28° and ∠QRT = 65°, then find the values of x and y.
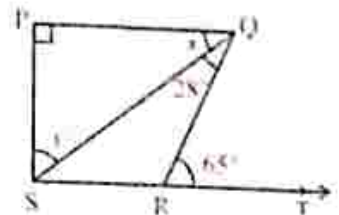
Fig. 6.43

Q.10. AB is a line segment and P is its mid-point. D and E are points on the same side of AB such that ∠BAD = ∠ABE and ∠EPA = ∠DPB (see Fig. 7.22). Show that
(i) ΔDAP ≅ ΔEBP
(ii) AD = BE
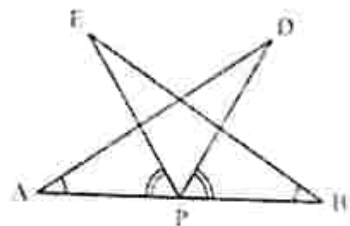
Fig. 7.22

Q.11. ABCD is a quadrilateral in which P, Q, R and S are mid-points of the sides AB, BC, CD and DA (see Fig 8.29). AC is a diagonal. Show that:
(i) SR || AC and SR = 1/2 AC
(ii) PQ = SR
(iii) PQRS is a parallelogram.
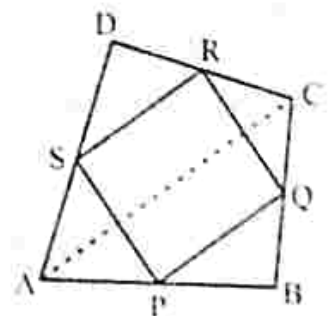
Fig. 8.29

Q.12. State and Prove Mid-Point Theorem.

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11/01/22

Q.1.   Find the LCM and HCF of the following pairs of integers and verify that LCM × HCF = product of the two numbers.
(i) 26 and 91
(ii) 510 and 92
(iii) 336 and 54

Q.2.   Prove that the following are irrationals:
(i) $1/\sqrt{2}$
(ii) $7\sqrt{5}$
(iii) $6 + \sqrt{2}$
(iv) $\sqrt{3}$
(v) $2-5\sqrt{3}$

Q.3.   Find the zeroes of the following quadratic polynomials and verify the relationship between the zeroes and the coefficients.
(i) x^2-2x-8
(ii) $6x^2-3-7x$

Q.4.   Find a quadratic polynomial each with the given numbers as the sum and product of its zeroes respectively.
(i) $1/4$, -1
(ii) $\sqrt{2}$, $1/3$

Q.5.   On comparing the ratios a1/a2 , b1/b2 , c1/c2 find out whether the lines representing the following pairs of linear equations intersect at a point, are parallel or coincident:
(i) $5x - 4y + 8 = 0$; $7x + 6y - 9 = 0$
(ii) $9x + 3y + 12 = 0$; $18x + 6y + 24 = 0$
(iii) $6x - 3y + 10 = 0$; $2x - y + 9 = 0$

Q.6.   Form the pair of linear equations for the following problems and find their solution by substitution method.
(i)   The difference between two numbers is 26 and one number is three times the other. Find them.
(ii)   The larger of two supplementary angles exceeds the smaller by 18 degrees. Find them.

Q.7.   Solve the following pair of linear equations by the elimination method and the substitution method:
(i) $x + y = 5$ and $2x - 3y = 4$
(ii) $3x + 4y = 10$ and $2x - 2y = 2$
(iii) $3x - 5y - 4 = 0$ and $9x = 2y + 7$
(iv) $x/2 + 2y/3 = -1$ and $x-y/3 = 3$

Q.8.   Find the roots of the following quadratic equations by factorisation:
(i) $x^2 - 3x - 10 = 0$
(ii) $2x^2 + x - 6 = 0$
(iii) $\sqrt{2} x^2 + 7x + 5\sqrt{2} = 0$
(iv) $2x^2 - x +1/8 = 0$

(v) $100x^2 - 20x + 1 = 0$

Q.9. Find the values of k for each of the following quadratic equations, so that they have two equal roots.

(i) $2x^2 + kx + 3 = 0$

(ii) $kx(x - 2) + 6 = 0$

Q.10. Find the 31st term of an A.P. whose 11th term is 38 and the 16th term is 73.

Q.11. Which term of the A.P. 3, 15, 27, 39,... will be 132 more than its 54th term?

Q.12. How many multiples of 4 lie between 10 and 250?

Q.13. If the sum of the first n terms of an AP is $4n - n^2$, what is the first term (that is S^1)? What is the sum of first two terms? What is the second term? Similarly find the 3rd, the10th and the nth terms.

Q.14. Prove that if a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio.

Q.15. In the figure, altitudes AD and CE of $\triangle ABC$ intersect each other at the point P. Show that:

(i) $\triangle AEP \sim \triangle CDP$

(ii) $\triangle ABD \sim \triangle CBE$

(iii) $\triangle AEP \sim \triangle ADB$

(iv) $\triangle PDC \sim \triangle BEC$
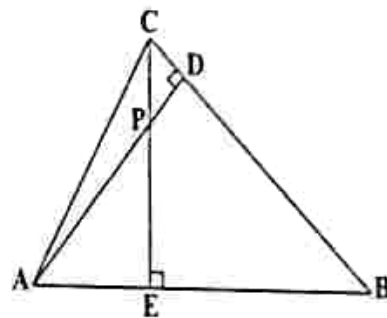
Q.16. Find the distance between the following pairs of points:

(i) $(2, 3), (4, 1)$

(ii) $(-5, 7), (-1, 3)$

(iii) $(a, b), (-a, -b)$

Q.17. Name the type of quadrilateral formed, if any, by the following points, and give reasons for your answer:

(i) $(-1, -2), (1, 0), (-1, 2), (-3, 0)$

(ii) $(-3, 5), (3, 1), (0, 3), (-1, -4)$

(iii) $(4, 5), (7, 6), (4, 3), (1, 2)$

Q.18. If A and B are $(-2, -2)$ and $(2, -4)$, respectively, find the coordinates of P such that $AP = 3/7 AB$ and P lies on the line segment AB.

Q.19. Evaluate the following:

(i) $\sin 60° \cos 30° + \sin 30° \cos 60°$

(ii) $2 \tan^2 45° + \cos^2 30° - \sin^2 60°$

Q.20. As observed from the top of a 75 m high lighthouse from the sea-level, the angles of depression of two ships are 30° and 45°. If one ship is exactly behind the other on the same side of the lighthouse, find the distance between the two ships.

HOLIDAY HOME WORK

Class XI A

SUB: Mathematics   **CH. : COMPLEX NUMBER & Q.E.**

Prepare notes of this chapter in C.W notebook on the basis of topics taught in the class with the help of NCERT maths book and solve these questions too.

Ex 5.1
Question- 3,6,8,10,12,14

Ex 5.2
Ques- 2,3,5,7

E 5.3
Ques- 2,6,9,10

Miscellaneous Ex
Ques.→ 1,4,8,10,11,13,15,16,17,18, 19,20.

HOLIDAY HOME WORK

Class : XII A

Subject : Mathematics   **CHAPTER: VECTOR ALGEBRA**

Prepare notes of this chapter in CW notebook on the basis of topics taught in the class with the help of NCERT maths book and solve these questions too.

Ex 10.1
Question- 4,5

Ex 10.2
Question- 3,5,7,10,11,13,15,17,18,19

Ex 10.3
Ques. 3,5,9,10,12,13,15,16,18

Ex. 10.4
Ques. 2,3,5,8,9,11

Miscellaneous Ex.
Ques 3,5,7,8,11,12,14,15.

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PGT (Maths)

Text Book :- (Hornbill)

Read the chapters and answer the given questions:—

Q.1. How has Tut's mummy fascinated the scientists and commoner alike over the previous decades?

Q.2. " He was the last of his family line" what do you learn about Tut's dynasty from the extract " Discovering Tut." The saga continues?

Q.3. Why did Tut's body have to undergo a C.T. scan? How was it carried and what results did it yield?

Q.4. AR williams says " King Tut is in death, as in life moving regally ahead, of his countrymen" How far do you agree with the assertion and why?

chapter (Ailing Planet. The Green Movement

Q.1. Why does Nani Palkiwala call the earth "The Ailing planet ? How can the ailing planet survive?

Q.2. What are the earth's principal biological systems? Why have they been depleted and how can they be preserved?

Q.3. " forest preced mankind; deserts follow". examine the validity of this remark in the light of reading. The Ailing planet : The Green Movements Role'.

Q.4. " for the first time in human-history we see a transcend concern — the survival not Just of the people but of the planet". Elucidate.

Advanced Writing Skills

1. Write a report on the following Topics given below:—

   (1.) Celebration of World Environment Day

   (2.) Celebration of Silver Jubilee of your school

   (3.) Inauguration of Super Speciality Hospital

   (4.) Workshop on personality development

   (5.) Teachers' Day celebration

2. Write an article on the given Topics:—

   (1) Wonder of Science

   (2.) Mobile phone

   (3.) Swachh Bharat Abhiyan

   (4.) Durga puja

   (5) Importance of Education

3. Write 10 formal letters

   (i) Letter to Editor — 2

   (ii) Letter of Enquiry — 2

   (iii) Complaint Letter — 2

   (iv) Job-Application — 2

   (v) Placing order — 2

30/9/2022

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P.G.T (Eng.)
30/09/2022

Text Book :-

Read the chapters and answers the given question

Chapter - 5. Indigo (flamingo Book)

Q.1. Why did Gandhiji consider freedom from fear more important than legal justice for the poor peasants of champaran?

Q.2. Civil disobedience had triumphed the first time in modern India. Relate the events during Gandhiji's stay in champaran that led to the triumph.

Q.3. What idea do you get about Gandhiji from the lesson 'Indigo'?

Q.4. Give an account of Gandhiji's efforts to secure justice for the poor indigo share croppers of champaran.

Q.5. Why did Rajkumar Shukla invite Gandhiji to champaran? How did Gandhiji solve the problem of the indigo farmers?

Chapter - 4. The Enemy (Vistas Book)

Q.1. Why did Sadao Haki go to America? What do you learn about his experiences there?

Q.2. How can you say that Dr. Sadao's father was a Japanese to the core?

PTO→

Q.3. What do you learn about Dr. Sadao and Harn Hona from the story 'The Enemy'?

Q.4. What was dilemma that Sadao faced when he saw a wounded, young white man washed to his doorstep? What solution did his wife, Hona, offer to resolve his (Sadao's) predicament?

Q.5. How did Dr. Sadao take the man inside his house and try to save him?

(Advanced writing skills)

Q.1. Write a report on the following topics given below:—
(1.) Effect of pollution on quality of life
(2.) Adoption of a Village
(3.) Adult Literacy camp
(4.) Preventing cruelty against Animals
(5.) celebration of Independence Day - 2022

Q.2. Write an articles on the following topics given below:—

(1.) Grow More Trees to Reduce pollution
(2.) festivals of India
(3.) Importance of outdoor games
(4.) Role of youth in combating corruption
(5.) Student Life and Stress

Q.3. Write 10 Letters like letter to editor, Job-application enquiry letter, complain letter etc

30/9/22

(B. Prasad)
30.9.2022
PGT (Eng)

HOLIDAY HOMEWORK FOR AUTUMN BREAK

(03/10/2022 to 12/10/2022)

CLASS-VI And VII   SUBJECT: ENGLISH

1. Write 02 Notices for your school notice board. (01 for each of the following- Lost and Found).

2. Write 02 Applications to the Principal of your school. (01 for each of the following- sick leave and to attend marriage ceremony).

3. Write Paragraphs on the following topics:

   My School, My Favourite Festival, My School. Myself

4. Write 01 short story of your choice. (give a Title to the story)

5. Write one page handwriting daily.

Sub. Teachers:
① . Pankaj Kumar
② R. N. yadav

e.g.3. find the average salary of each department.
Sol:

** One thing that you should keep in mind is that while grouping , you should include only those values in the SELECT list that either have the same value for a group or contain a group(aggregate) function. Like in e.g. 2 given above, DEPTNO column has one(same) value for a group and the other expression SUM(SAL) contains a group function.

NESTED GROUP

- To create a group within a group i.e., nested group, you need to specify multiple fields in the GROUP BY expression. e.g. To group records job wise within Deptno wise, you need to issue a query statement like :

```
SELECT DEPTNO , JOB , COUNT(EMPNO)
FROM EMPL
GROUP BY DEPTNO , JOB ;
```

Output

DEPTNO	JOB	COUNT(EMPNO)
10	CLERK	1
20	SALESMAN	1
20	MANAGER	1
30	SALESMAN	1

PLACING CONDITION ON GROUPS – HAVING CLAUSE

- The HAVING clause places conditions on groups in contrast to WHERE clause that places condition on individual rows. While WHERE conditions cannot include aggregate functions, HAVING conditions can do so.
- e.g. To display the jobs where the number of employees is less than 2,

```
SELECT JOB, COUNT(*)
FROM EMPL
GROUP BY JOB
HAVING COUNT(*) < 2 ;
```

Output

JOB	COUNT(*)
CLERK	1
MANAGER	1

DATABASE TRANSACTIONS

TRANSACTION

A Transaction is a logical unit of work that must succeed or fail in its entirety. This statement means that a transaction may involve many sub steps, which should either all be carried out successfully or all be ignored if some failure occurs. A Transaction is an atomic operation which may not be divided into smaller operations.

Example of a Transaction

```
Begin transaction
        Get balance from account X
        Calculate new balance as X – 1000
        Store new balance into database file
        Get balance from account Y
        Calculate new balance as Y + 1000
        Store new balance into database file
End transaction
```

HOLIDAY HOMEWORK FOR AUTUMN BREAK
(03/10/2022 to 12/10/2022)

CLASS-VIII   SUBJECT: ENGLISH

1. You are Kiran/ Karan, school captain of Oxford High School, Bahadurgarh. Write a Notice for school notice board, informing the students about a Poem recitation competition to be held on 25th October.
2. Write 03 Applications to the Principal of your school. (01 for each of the following- sick leave, change of section and to attend marriage ceremony).
3. Write 02 Paragraphs on the following topics: **A Visit to the Zoo, The Sports Day of Your School** .
4. Write 01 **short story** of your choice. (give a Title to the story)
5. Write a Diary entry on how you spent your Autumn Break.

Sub. Teachers:
1. Pankaj Kumar
2. R.N. Yadav

TRANSACTION PROPERTIES (ACID PROPERTIES)

1. ATOMICITY(All or None Concept) – This property ensures that either all operations of the transaction are carried out or none are.

2. CONSISTENCY – This property implies that if the database was in a consistent state before the start of transaction execution, then upon termination of transaction, the database will also be in a consistent state.

3. ISOLATION – This property implies that each transaction is unaware of other transactions executing concurrently in the system.

4. DURABILITY – This property of a transaction ensures that after the successful completion of a transaction, the changes made by it to the database persist, even if there are system failures.

TRANSACTION CONTROL COMMANDS (TCL)
The TCL of MySQL consists of following commands :

1. BEGIN or START TRANSACTION – marks the beginning of a transaction.
2. COMMIT – Ends the current transaction by saving database changes and starts a new transaction.
3. ROLLBACK – Ends the current transaction by discarding database changes and starts a new transaction.
4. SAVEPOINT – Define breakpoints for the transaction to allow partial rollbacks.
5. SET AUTOCOMMIT – Enables or disables the default auto commit mode

KENDRIYA VIDYALAYA MAU

HOLIDAY HOMEWORK FOR AUTUMN BREAK

(03/10/2022 to 12/10/2022)

CLASS- IX   SUBJECT: ENGLISH

Make a decorative and detailed portfolio by giving the answers of the questions below-

1. Write or paste 01 Discursive passages of 400- 450 words each with 10 Very Short Answer type Questions (MCQS) and their answers.

2. Write or paste 01 Case based Factual passages (with visual input/statistical data/chart etc. of 200- 250 words) each with 10 Very Short Answer type Questions (MCQS) and their answers.

3. Write 01 short story (based on beginning line, outline, cues etc.)

4. Write 01 Descriptive paragraphs. (person)

5. Write a Diary entry about how you spent your Autumn Break.

6 . Fill in the blanks in the following passage by using the correct tense form of the verbs given inbrackets, choosing the appropriate options from the given ones.

Once Martin Luther King (a) ....(Address) a public meeting. Suddenly someone (b)..................... (Throw) a shoe at him. But king (c)..................(Not   lose)   his cool. He (d)................ (pick) up the shoe and told the gathering that some kind gentleman, knowing that he could notafford shoes, (e).......... (Throw) one for him. He (f)............(Request) the gentle man to throw him the other one too. After he said so, a man appeared before him and apologized.

Sub. Teachers;
① Pankaj Kumar
② R. N. Yadav

KENDRIYA VIDYALAYA MAU

HOLIDAY HOMEWORK FOR AUTUMN BREAK

(03/10/2022 to 12/10/2022)

CLASS- ~~Second~~ X   SUBJECT: ENGLISH

Make a decorative and detailed portfolio by giving the answers of the questions below-

1. Write or paste 01 Discursive passages of 400- 450 words with 10 Very Short Answer type Questions (MCQS) and their answers.

2. Write or paste 01 Case based Factual passages (with visual input/statistical data/chart etc. of 200- 250 words) with 10 Very Short Answer type Questions (MCQS) and their answers.

3. As head of music department of your school. Write a letter to Gurugram music house placing an order for some instrutements. You are Anjali/Anil of D.P.S school Rohini , New Delhi.

4. Write a detailed biography of Robert Frost. Write a poem written by Robert Frost and central idea of the poem .

5. Revise all the chapters of "Footprints without feet" and "First Flight" which have been taught till now.

6. Fill in the blanks in the following passage by using the correct tense form of the verbs given in brackets, choosing the appropriate options from the given ones.

Once Martin Luther King (a) ....(Address) a public meeting. Suddenly someone (b).................... (Throw) a shoe at him. But king (c)......(Not lose) his cool. He (d)................ (pick) up the shoe and told the gathering that some kind gentleman, knowing that he could not afford shoes, (e)........ (Throw) one for him. He (f)...................................(Request) the gentle man to throw him the other one too. After he said so, a man appeared before him and apologized.

Sub. Teachers——
① Pankaj Kumar
② R.N Yadav

Autumn Break (2022)   Date - 30.07.2022.
Holiday Home work
Class XI B and XI E

Text Book :- (Hornbill)

Read the chapters and answer the given questions:—

Q.1. How has Tut's mummy fascinated the scientists and commoners alike over the previous decades?

Q.2. "He was the last of his family line" what do you learn about Tut's dynasty from the extract "Discovering Tut: The saga continues?

Q.3. Why did Tut's body have to undergo a C.T. scan? How was it carried and what results did it yield?

Q.4. AR Williams says "King Tut is in death, as in life moving regally ahead, of his countrymen" How far do you agree with the assertion and why?

chapter (Ailing Planet. The Green Movement

Q.1. Why does Nani Palkhiwala call the earth "The Ailing planet? How can the ailing planet survive?

Q.2. What are the earth's principal biological systems? Why have they been depleted and how can they be preserved?

Q.3. "forest preced mankind; deserts follow". examine the validity of this remark in the light of reading. The Ailing planet: The Green Movements Role.

Q.4. "for the first time in human history we see a transcend concern — the survival not just of the people but of the planet". Elucidate.

Advanced Writing Skills

Write a report on the following Topics given below:-

(1.) Celebration of world Environment Day

(2.) Celebration of Silver Jubilee of your school

(3.) Inauguration of Super Speciality Hospital

(4.) workshop on personality development

(5.) Teachers' Day celebration

Write an article on the given Topics:-

(1) Wonder of Science

(2.) mobile phone.

(3.) Swachh Bharat Abhiyan

(4.) Durga puja

(5) Importance of Education

1. Write 10 formal letters

(1) Letter to Editor - 2

(II) Letter of Enquiry - 2

(III) complaint letter - 2

IV) Job- Application - 2

V) placing order - 2

30/4/2022

30/09/2022

(B. Prasad)

pgt (Eng.)

Text Book :-

Read the chapters and answers the given questions

Chapter-5- Indigo (Flamingo Book)

Q.1. Why did Gandhiji consider freedom from fear more important than legal justice for the poor peasants of champaran?

Q.2. Civil disobedience had triumphed the first time in modern India. Relate the events during Gandhiji's stay in champaran that led to the triumph.

Q.3. What idea do you get about Gandhiji from the lesson 'Indigo'?

Q.4. Give an account of Gandhiji's efforts to secure justice for the poor indigo share croppers of champaron.

Q.5. Why did Rajkumar Shukla invite Gandhiji to champaran? How did Gandhiji solve the problem of the indigo farmers?

Chapter-4. The Enemy (Vistas Book)

Q.1. Why did Sadao Haki go to America? What do you learn about his experiences there?

Q.2 How can you say that Dr. Sadao's father was a Japanese to the core?

Q.3. What do you learn about Dr. Sadao and Harn Hana from the story 'The Enemy'?

Q.4. What was dilemma that Sadao faced when he saw a wounded, young white man washed to his doorstep? What solution did his wife, Hana, offer to resolve his (Sadao's) predicament?

Q.5. How did Dr. Sadao take the man inside his house and try to save him?

(Advanced writing skills)

Q.1. Write a report on the following Topics given below:-
(1) Effect of pollution on quality of life
(2) Adoption of a village
(3) Adult Literacy camp
(4) Preventing cruelty against animals
(5) celebration of Independence Day. 2022

Q.2. Write an articles on the following Topics given below:-

(1) Grow More Trees to Reduce pollution
(2) festivals of India
(3) Importance of outdoor games
(4) Role of youth in combating corruption
(5) Student Life and Stress

Q.3. Write 10 Letters like letter to editor, Job application, enquiry letter, complain letter etc.

Autumn Break
Holiday Homework

Class - 10
Sub - Social Science
Sub.Tr - Mr. Shyam Bihari

Q1) What are the terms of credit?
Q2) Describe functions of Bank?
Q3) Describe functions of RBI.
Q4) Differentiate between formal and Informal credit.
Q5) Describe functions of money.
Q6) What is Double coincidence of want.
Q7) What are the benifits of Globalisation
Q8) Describe features of 'National Party' and 'Regional Party' and differentiate between them.
Q9. Complete and revise all the chapters till taught and complete your copies.

Autumn Break
Holiday Homework

Class – 10
Sub – Social Science
Sub. Tr. – Mr. Shyam Bihari

Q1) What are the terms of credit?

Q2) Describe functions of Bank?

Q3) Describe functions of RBI.

Q4) Differentiate between formal and Informal credit.

Q5) Describe functions of money.

Q6) What is Double coincidence of want.

Q7) What are the benifits of Globalisation.

Q8) Describe features of 'National Party' and 'Regional Party' and differentiate between them.

Q9. Complete and revise all the chapters till taught and complete your copies.

Class - IX   B . L .

Define the Terms -

1- Colition Govt . Executive . Reservation.

2) Describe - i) functions of Primeminister
ii) functions of President.

iii) functions of Parliament.

iv) functions of Election commissioner.

3) Describe - Scinstific forestry

4) Give any four causes of the destructions of forest.

5) Give any five Powerty aleviation programs.

Class - VI-C

Geography (S.S.)

Geography - ch 5 Question 4 Question a 1 d e f & Q2 all Map

History - ch - 2 Varnas I-2-Janpa Mahat-Janpadas - 49 Pages Map. Q4, Q3, Q4

Civics - ch 5 Q1, Q2, Q3

Social Science
Autumn Holiday Homework

History :- Chapter 5 - Q 1, 2, 3, 5, 8
          Chapter 6 - Q 1, 2, 3, 4, 5

Geography :- Chapter 5 - Map - Page no. 37

              Any 2 ⎡ 2 Heat Current
                    ⎣ 2 Cold Current
         Chapter 5 - Q 1, (i), (ii), (iv), (vi)
                   - Q 2, (iii)
                   - Q 4
         Chapter 6 - Q 1 - (i), (ii), (iv), (v)
                   - Q 4 - (i), (ii)

Civics :- Chapter 5 - Glossary

Write about - Laxmi Loakara
            - Pandita Ramabai
            - Ras sundari Devi
            - Rokaiya Shekhavat Husain

~Social Science Class · VII-C
Automn Break Holiday

Geography - Chapter 4
Que - 1 - 1, 2, 34
Que - 2 - 1, 2, 3
Que - 3 , Que - 4

History - Chapter - 6
Que 1 , Que 4, Que 6, Que 8

Civis - Chapter - 6
Terms of glossory
Function of - (1) Police
- (11) Judges
- (111) Public Prosecutor,
Defence Lawyer

KV MAU

class v-7   WG Holiday Home work   Date 01.10.2022

(i) Foam the touch with help of LED (−4) and buttons

(ii) what is Electric Press.

(iii) What is current?

class VII   Define the following

    (i) Current

    (ii) Voltage

    (iii) Resistance

class VIII   Define the following

−ABC   (i) Resistance (ii) Current (3) Power

    (4) work

class IX − Define the following (1) motor (2) Generator

ABC (3) electromagnet (4) Resistivity (5) Current

class(X)   Q. Define the following

−ABC   1. Nuclear Power station

    2. Resistance in Parallel.

    3. Electrical energy

    4. emf

    5. voltage

class XI ABCD | XII ABCD

    Define the following term

    (1) voltage

    (2) current

    (3) Power

01/10/2022

AUTUMN BREAK HOMEWORK

CLASS-XII

1. 5 Sets of previous year board examination C.B.S.E. question paper is given to the students which consists of :

    i) objective type question

    ii) assertion-reason type question

    iii) case based question

    iv) short answer type question

    v) long answer type questions.

2. revision of Notes is to be done by students.
3. examples and exercises should be revised.

01.09/10.2022

AUTUMN BREAK HOMEWORK

CLASS 11

1) Solve question paper of physics of periodic test 1.
2) Solve following question of exercise of mentioned chapters:

i)Chapter 2- 2.1 to 2.3 ; 2.10 to 2.12

ii)Chapter 3- 3.1 to 3.3 ; 3.6, 3.10, 3.11

iii)Chapter 4 – 4.1 to 4.3 ; 4.9 ; 4.15 to 4.21;

    4.24, 4.25

3)Draw the flow chart of chapter 3 and 4.

Smriti Singh 1/10/2022

AUTUMN BREAK HOMEWORK

CLASS-9

1) Write short notes on gravitational force and write it's properties.
2) Solve the question paper of physics of the half yearly exam.
3) Solve the following questions of exercise of chapter ' FORCE AND LAWS OF MOTION: i)question 1 to question 4 ;   ii)question 6 to question 9.

Smriti Singh 1/10/2022

K. V. Man
Autumn Break Home Work   Date 1.10.22
Class - IX   Sub :- Chemistry

- Unit   **Atom & Molecules**
  - Molecular formula of compounds.
  - Laws of Chemical Combination.
  - Calculation of Molar mass
  - Numericals.

Class - XI A

- Unit   **Thermodynamics**
  - Important Terms/ Definitions
  - Laws of thermodynamics
  - Derivations
  - Numericals

Class - XII B

- Unit   **Solution / Electrochemistry / Chemical Kinetics**
  - Objective Questions (MCQs, Assertion Reason and Case based)
  - Subjective Questions (VSA, SA, & LA)
  - Numericals
  - All based on CBSE papers.

(I. K. Singh)
PGT (Chem)

Holiday Homework 'Autum' Break
Class – 8th
Subject – Science

- Make a project on Human Reproductive System.
- Prepare notes of chapter Reproduction in Animals in class work notebook with the help of NCERT Science book.
- Describe the process of fertilisation in human beings.
- Give two difference between a zygote and a foetus.
- Differntiate between Internal Fertilisation and External Fertilisation.

7.10.2

Class – VI

Holiday Home work.

- Make a project on Human skeletal system and its parts.
- Prepare notes of chapter Body Movements in class work note book with the help of NCERT Book.
- Make a table of number of bones in each part of human body.
- Name various parts of skeletal system
- Which is the longest bone in your body? Measure it with your scale.
- Which important organ is fully protected inside the bone of skull.

9.10.11

Class IX.   Subject - Biology

Holiday homework - Autum break

1) make a project on Bacterial disease

2) Write essay on adolescence and puberty on your point of view.

3) Infectious diseases.

4) Defferentiati between prevention and treatment and importance of prevention.

5) write acute and chronic diseases. briefly.

1.10.22

Class VII   Subject - Science

(I) make a project on transportation in human.

(II) Write Essay "How to prevent hypertension and heart disease.

(III) why necessary to excrete waste product.

(IV) Draw a labelled diagram of the human excretory system and label various parts.

(V) write the function of heart.

(VI) prepare notes of chapter transportation in Animals and plants in class notebook with the help NCERT Book.

1.10.22

AUTUMN HOLIDAY HOMEWORK

CLASS - XII D

Subject: Accountancy
   Project work of C.B.S.E

   Business Studies

      Project work of C.B.S.E

CLASS - XII D

Accountancy: Project work

Business Studies: Project work

Dharraj mittal
   PGT (Commerce)
   1/10/2022

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शादीय अवकाश के अंतर्गत गृह कार्य

कक्षा XI हिंदी
</div>

निम्नलिखित विषय पर रचनात्मक लेख लिखिए ।

1. मेरा गाँव मेरा घर

2. बदलते जीवन मूल्य

3. रास्ते में बस का खराब होना

निम्न लिखित विषयों पर पत्र लिखिए ।

1. किसी राष्ट्रीय समाचार पत्र के सम्पादक के नाम पत्र लिखिए, जिसमें आपके क्षेत्र की बिगड़ती पुलिस प्रशासन व्यवस्था पर चिंता व्यक्त की गई हो ।

2. सड़क परिवहन मंत्रालय उत्तर प्रदेश सरकार के नाम पत्र लिखें जिसमें सड़कों की दयनीय दशा पर चिंता व्यक्त की गई ।

निम्न लिखित पाठों को पढ़ कर आए ।

1 अपू के साथ ढाई साल ।

2 विदाई संभाषण

3 राजस्थान की रजत बूंदे ।

इसके साथ जनसंचार माध्यम से ड्रश ·उत्तर लिखता है ।

1.'रानी लक्ष्मी बाई' के चित्र को चिपका कर या बनाकर उनके बारे में पाँच वाक्य लिखें।

2. "मैं सबसे छोटी होऊँ" पाठ के आधार पर अपनी 'माँ' की प्रशंसा में पांच वाक्य लिखें।

3. 'पंडित जवाहरलाल नेहरू' का चित्र चिपका कर या बनाकर उनके बारे में पांच वाक्य लिखें।

4. पांच पृष्ठ सुलेख लिखिए।

5. कोई पांच विलोम शब्द याद करें।

केन्द्रीय विद्यालय मऊ

शरदकालीन अवकाश गृहकार्य

कक्षा – सातवीं   विषय – हिंदी

(1)   मंहगाई की समस्या पर अनुच्छेद लिखिए (200 शब्द)

   (1)   प्रस्तावना

   (2)   महँगाई के कारण

   (3)   महँगाई के फलस्वरूप उत्पन्न होनेवाली कठिनाइयाँ

   (4)   महँगाई को दूर करने के लिए सुझाव,

   (5)   उपसंहार

(2)   मित्र को जन्मदिन की बधाई देते हुए एक बधाई पत्र लिखिए।

(3)   बाल महाभारत पुस्तक को पढ़कर समझें, कृष्णजी के जीवन सी क्या सीख? लिखिए।

शरदकालीन अवकाश गृहकार्य

कक्षा – आठवीं   विषय – हिंदी

(1)   नारी शिक्षा पर निबंध लिखिए (200 शब्द)

(1)   प्रस्तावना

(2)   प्राचीन भारत में महिला शिक्षा

(3)   वर्तमान में महिला शिक्षा

(4)   महिला शिक्षा का प्रचार

(5)   उपसंहार

(2)   बस कंडक्टर से वार्तालाप का संवाद लेखन करिये।

(3)   भारत की खोज पुस्तक में 'युगों का दौर' पाठ को पढ़े और 10 प्रश्न का निर्माण करें।

केंद्रीय विद्यालय मऊ

शरदकालीन गृहकार्य

कक्षा 9   विषयाध्यापक – राजेश कुमार

- **क्षितिज पाठ्यपुस्तक के अध्याय 1 कबीर के साखी और में साखियों का हिंदी अर्थ लिखें |**

- **एक प्रोजेक्ट फ़ाइल (पोर्टफोलियो) का निर्माण जिसमें निम्न कार्य शामिल हों**

    1- आप एवं आपके परिवार का विवरण आपकी मनपसंद कविता

    3- पाठ्य सहगामी क्रियाकलाप में

     4- अपनी सहभागिता एवं उसमें उपलब्धियों का विवरण

    5-आपका प्रिय खेल

- विद्यालय के हिंदी पखवाड़ा कार्यक्रम पर अपने दोस्तों के साथ संवाद लिखिए।

- स्वतंत्रता संग्राम में भाग लेने वाली महिलाओं के जीवन वृत्त पर एक पीपीटी तैयार कीजिए।

कक्षा - 10, विषय- हिंदी

शरदकालीन अवकाश गृहकार्य

1. सूरदास,तुलसीदास एवं नेताजी का चश्मा के प्रश्नोत्तर को याद कीजिए।

2. व्याकरण के अंतर्गत पद परिचय प्रकरण को पढ़ें।

3- वर्तमान में मनाए जा रहे दुर्गा पूजा एवं दशहरा पर अनुच्छेद लिखें(200शब्द)

4. दुर्गा पूजा की शुभकामनाएं देते हुए अपने मित्र को एक पत्र लिखिए।

5- अलंकार की परिभाषा लिखिए एवं शब्दालंकार के भेद लिखकर उदाहरण दीजिए।

संस्कृत आवका शक गृहकार्यम्

वषयः संस्कृतम्   कक्षा: षष्ठी (6)

* अकारान्त पुँल्लिङ्ग शब्द एकवचन द् ववचन बहुवचन रूपा ण (पुँल्लिङ्गः)

  Example : बालकः   बालकौ   बालकाः   (Write 15 Words like this)

* आकारान्त स्त्री लङ्ग शब्दाःएकवचन द् ववचन बहुवचन रूपा ण (स्त्री लङ्गः)

   Example :   लता   लते   लताः   (Write 15 words like this)

* संस्कृत वाक्यानि (25) लखत ।

   Example 1) बालकः पठति । 2)गजः चलति ।   25 Sentences like this

* बालकः , बा लका , पुष्पम् शब्दरूपा ण लखत । Page No. 89 & 90

* पठ् , गम् धातुरूपा ण लखत । (लट् - लृट् - लङ्) page No. 92 , 93 & 94

* संस्कृत छात्र-प्रतिज्ञां लखत ।

केन्द्रीय   वद्यालयः

<u>संस्कृत आवका शक गृह्कार्यम्</u>

वषयः संस्कृतम्   कक्षा: षष्ठी (6)

* अकारान्त पुँल्लिङ्ग शब्द एकवचन द् ववचन बहुवचन रूपा ण (पुँल्लिङ्गः)

Example : बालकः   बालकौ   बालकाः   (Write 15 Words like this)

* आकारान्त स्त्री लङ्ग शब्दाःएकवचन द् ववचन बहुवचन रूपा ण (स्त्री लङ्गः)

 Example :   लता   लते   लताः   (Write 15 words like this)

* संस्कृत वाक्यानि (25) लखत ।

  Example 1) बालकः पठति । 2)गजः चलति ।   25 Sentences like this

* बालकः , बा लका , पुष्पम्   शब्दरूपा ण   लखत । Page No. 89 & 90

* पठ् , गम् धातुरूपा ण   लखत । (लट् - लृट् - लङ्) page No. 92 , 93 & 94

* संस्कृत छात्र-प्रतिज्ञां लखत ।

केन्द्रीय   वद्यालयः

आवका शक गृह्कार्यम्

 वषयः संस्कृतम्   कक्षा: सप्तमी (7)

* सुभा षतानि श्लोकान्   लखत , कण्ठस्थीकुरुत । Write Sadachaarah Poems and Learn

* संख्याः 1 - 50 संस्कृते   लखत । Write 1-50 numbers in Sanskrit
   Write some Examples with pictures.

* तत् (पुँल्लिङ्ग-स्त्री लङ्ग-नपुंसक लङ्ग)शब्दरूपा ण   लखत ।

*   कम् शब्दः   (पुँल्लिङ्ग-स्त्री लङ्ग-नपुंसक लङ्गाः)

* धातुरूपा ण (पठ , खाद् , क्रीड्) लट्-लृट्-लङ् (वर्तमान- भ वष्यत्-भूतकालाः)

* संस्कृत प्रतिज्ञां ल खत्वा कण्ठस्थीकुरुत ।

केन्द्रीय वद्यालयः

<u>आवका शक गृहकार्यम्</u>

वषयः संस्कृतम्   कक्षाः अष्टमी (8)

* संख्याः 1 - 100 संस्कृते लखत । Write 1- 100 numbers in Sanskrit.

* बालक , बा लका , नदी , पुष्पम् शब्दरूपा ण लखत ।

* कम् शब्दः (पुँल्लिङ्ग-स्त्री लङ्ग-नपुंसक लङ्गाः)

* धातुरूपा ण (पठ् , खाद् , क्रीड् , लख्) लट्-लृट्-लङ् (वर्तमान- भ वष्यत्-

   भूतकालाः)

* संस्कृत प्रतिज्ञां ल खत्वा अभ्यासं कुरुत ।

Home work for Autumn Break
Class -11
Subject- Economics
1. Distinguish between microeconomics and macroeconomics. Give examples.
2. Explain the central problem 'for whom to produce'.
3. Giving suitable examples, explain the meaning of microeconomics and macroeconomics
4.Why is a production possibilities curve concave? Explain.
5. How is production possibility curve affected by unemployment in the economy? Explain.
6. Explain how a production possibility curve is affected when resources are inefficiently employed in an economy.
7. Define Production Possibilities Curve. Explain why it is downward sloping from left to right.
8. What is 'Marginal Rate of Transformation'? Explain with the help of an example.
9.. State reasons why does an economic problem arise.
10. Explain the central problem of 'how to produce'.
11. Define an economy. Why does it face the problem of 'what to produce'?
 12.Define an economy. Why does it face the problem of 'how to produce'?
13. Production in an economy is below its potential due to unemployment. Government starts employment generation schemes. Explain its effect using production possibilities curve.
15. Explain the meaning of opportunity cost with the help of production possibility schedule.
16.Given the market price of a good, how does a consumer decide as to how many units of that good to buy? Explain.
17. Explain the law of diminishing marginal utility with the help of a utility schedule.
18. A consumer consumes only two goods X and Y. State and explain the conditions of consumer's equilibrium with the help of utility analysis.
 19.A consumer consumes only two goods A and B and is in equilibrium. Show that when price of good B falls, demand for B rises. Answer this question with the help of utility analysis.
20 Explain the conditions determining how many units of a good the consumer will buy at a given price.
21. A consumer consumes only two goods X and Y. At a consumption level of these two goods, he finds that the ratio of marginal utility to price in case of is higher than in case of Y. Explain the reaction of the consumer.
22.Explain the conditions of consumer's equilibrium with the help of indifference curve analysis.

1.सूक्ष्मअर्थशास्त्र और मैक्रोइकॉनॉमिक्स के बीच अंतर। उदाहरण दो।
2. केंद्रीय समस्या 'किसके लिए उत्पादन करें' की व्याख्या करें।
3. उपयुक्त उदाहरण देते हुए सूक्ष्मअर्थशास्त्र और समष्टि अर्थशास्त्र का अर्थ स्पष्ट कीजिए
4.उत्पादन संभावना वक्र अवतल क्यों होता है? समझाना।
5. अर्थव्यवस्था में बेरोजगारी से उत्पादन संभावना वक्र कैसे प्रभावित होता है? समझाना।
6. बताएं कि जब संसाधन अक्षम होते हैं तो उत्पादन संभावना वक्र कैसे प्रभावित होता है
एक अर्थव्यवस्था में कार्यरत।
7. उत्पादन संभावना वक्र को परिभाषित कीजिए। समझाइए कि यह बाएँ से दाएँ नीचे की ओर ढलवाँ क्यों है।
8. 'परिवर्तन की सीमांत दर' क्या है? एक उदाहरण की सहायता से स्पष्ट कीजिए।
9. आर्थिक समस्या उत्पन्न होने के कारणों का उल्लेख कीजिए।
10. 'उत्पादन कैसे करें' की केंद्रीय समस्या की व्याख्या करें।

11. अर्थव्यवस्था को परिभाषित कीजिए। यह 'क्या उत्पादन करें' की समस्या का सामना क्यों करता है?

12. अर्थव्यवस्था की परिभाषा दीजिए। इसे 'उत्पादन कैसे करें' की समस्या का सामना क्यों करना पड़ता है?

13. बेरोजगारी के कारण अर्थव्यवस्था में उत्पादन अपनी क्षमता से कम है। सरकार ने शुरू की रोजगार सृजन योजनाएं उत्पादन संभावना वक्र की सहायता से इसके प्रभाव की व्याख्या कीजिए।

15. उत्पादन संभावना अनुसूची की सहायता से अवसर लागत का अर्थ स्पष्ट कीजिए।

16. एक वस्तु के बाजार मूल्य को देखते हुए, एक उपभोक्ता यह कैसे तय करता है कि उस वस्तु की कितनी इकाइयाँ खरीदनी हैं? समझाना।

17. उपयोगिता अनुसूची की सहायता से सीमांत उपयोगिता ह्रास के नियम की व्याख्या कीजिए।

18. एक उपभोक्ता केवल दो वस्तुओं X और Y का उपभोग करता है। उपयोगिता विश्लेषण की सहायता से उपभोक्ता के संतुलन की शर्तों को स्पष्ट कीजिए।

19. एक उपभोक्ता केवल दो वस्तुओं A और B का उपभोग करता है और संतुलन में है। दिखाएँ कि जब वस्तु B की कीमत गिरती है, तो B की माँग बढ़ जाती है। उपयोगिता विश्लेषण की सहायता से इस प्रश्न का उत्तर दें।

20 यह निर्धारित करने वाली शर्तों की व्याख्या करें कि उपभोक्ता किसी दिए गए मूल्य पर कितनी इकाइयाँ खरीदेगा।

21. एक उपभोक्ता केवल दो वस्तुओं X और Y का उपभोग करता है। इन दो वस्तुओं के उपभोग स्तर पर, वह पाता है कि सीमांत उपयोगिता का मूल्य के मामले में अनुपात Y की तुलना में अधिक है।
उपभोक्ता की प्रतिक्रिया स्पष्ट कीजिए।

22. अनधिमान वक्र विश्लेषण की सहायता से उपभोक्ता के संतुलन की स्थितियों की व्याख्या कीजिए।

Home work for Autumn Break
Class 12
Subject Economics
1. What was the focus of the economic policies pursued by the colonial government in India? What were the impacts of these policies?
2. Name some notable economists who estimated India's per capita income during the colonial period.
3. What were the main causes of India's agricultural stagnation during the colonial period?
4. Name some modern industries which were in operation in our country at the time of independence.
5. What was the two-fold motive behind the systematic deindustrialisation effected by the British in pre-independent India?
6. The traditional handicrafts industries were ruined under the British rule. Do you agree with this view? Give reasons in support of your answer.
7. What objectives did the British intend to achieve through their policies of infrastructure development in India?
8. What do you understand by the drain of Indian wealth during the colonial period?
9. Give a quantitative appraisal of India's demographic profile during the colonial period.
10. When was India's first official census operation undertaken?
11. State three main features of Indian economy at the time of independence.
12. .Briefly describe the occupational structure of Indian economy on the eve of independence.
13. What is infant mortality rate?
14. What are High Yielding Variety (HYV) seeds?
15. What is marketable surplus?
16. Explain the need and type of land reforms implemented in the agriculture sector.
17. What is Green Revolution? Why was it implemented and how did it benefit the farmers? Explain in brief.
18. Explain the statement that Green Revolution enabled the government to procure sufficient foodgrains to build its stocks that could be used during times of shortage.
19. While subsidies encourage farmers to use new technology, they lead to a huge stress on the government finances. Discuss the usefulness of subsidies in the light of this fact.
20. Why was public sector given a leading role in industrial development during the planning period?
21. Though public sector is very essential for industries, many public sector undertakings incur huge losses and are a drain on the economy's resources. Discuss the usefulness of public sector undertakings in the light of this fact.
22. Why and how was private sector regulated under the IPR-1956?
What is industrial licensing? How does it impact allocation of resources?
23. What was the principal objective of Industrial Policy Resolution, 1956? Did we really achieve it?
24. Why were small-scale industries relied upon to achieve the goal of employment and equity?
25. What in your opinion are the bad effects of the strategy of industrial growth between the period 1947-90?

26 What were the featu res of the Industrial Policy of 1956?

1.भारत में औपनिवेशिक सरकार द्वारा चलाई गई आर्थिक नीतियों का केंद्र बिंदु क्या था? इन नीतियों का क्या प्रभाव पड़ा?

2. कुछ उल्लेखनीय अर्थशास्त्रियों के नाम बताइए जिन्होंने औपनिवेशिक काल में भारत की प्रति व्यक्ति आय का अनुमान लगाया था

अवधि।

3. कोलोनिया अवधि के दौरान भारत के एजी रिकू एलटू राल स्टैग राष्ट्र के मुख्य सीए उपयोग क्या थे?

4. कुछ आधुनिक उद्योगों के नाम बताइए जो किसके समय हमारे देश में चल रहे थे?

आजादी।

5.स्वतंत्र भारत में अंग्रेजों द्वारा किए गए व्यवस्थित औद्योगिकीकरण के पीछे दोतरफा मकसद क्या था?

6. पारंपरिक हस्तशिल्प उद्योग ब्रिटिश शासन के तहत बर्बाद हो गए थे। क्या आप इस मत से सहमत हैं? अपने उत्तर के समर्थन में कारण दीजिए।

7.अंग्रेजों ने अपनी बुनियादी ढांचागत नीतियों के माध्यम से किन उद्देश्यों को प्राप्त करने का इरादा किया था? भारत में विकास?

8.औपनिवेशिक काल के दौरान भारत में छठवीं बारिश से आप क्या समझते हैं?

9.औपनिवेशिक काल के दौरान भारत के जनसांख्यिकीय प्रोफाइल का मात्रात्मक मूल्यांकन दें।

10.भारत का पहला आधिकारिक जनगणना अभियान कब शुरू किया गया था?

11.स्वतंत्रता के समय भारतीय अर्थव्यवस्था के तीन मुख्य कार्य बताइए।

12..स्वतंत्रता की पूर्व संध्या पर भारतीय अर्थव्यवस्था की व्यवसायिक संरचना का संक्षेप में वर्णन करें।

13.शिशु मृत्यु दर क्या है?

14. उच्च उपज देने वाली किस्म (HYV) के बीज कौन से हैं?

15. बाजार योग्य अधिशेष क्या है?

16.कृषि क्षेत्र में लागू किए गए भूमि सुधारों की आवश्यकता और प्रकार की व्याख्या करें।

17.हरित क्रांति क्या है? इसे क्यों लागू किया गया और इससे किसानों को क्या लाभ हुआ? संक्षेप में बताएं।

18. इस कथन की व्याख्या करें कि हरित क्रांति ने सरकार को पर्याप्त खाद्यान्न प्राप्त करने में सक्षम बनाया ताकि वह अपने भंडार का निर्माण कर सके जिसका उपयोग कमी के समय किया जा सके।

19. जहां सब्सिडी किसानों को नई तकनीक का उपयोग करने के लिए प्रोत्साहित करती है, वहीं इससे सरकारी वित्त पर भारी दबाव पड़ता है। इस तथ्य के आलोक में राजसहायता की उपयोगिता की विवेचना कीजिए।

20. योजना अवधि के दौरान सार्वजनिक क्षेत्र को औद्योगिक विकास में अग्रणी भूमिका क्यों दी गई?

21. हालांकि सार्वजनिक क्षेत्र उद्योगों के लिए बहुत आवश्यक है, कई सार्वजनिक क्षेत्र के राजा भारी नुकसान उठाते हैं और अर्थव्यवस्था के संसाधनों पर एक नाली हैं। इस तथ्य के आलोक में सार्वजनिक क्षेत्र के उपक्रमों की उपयोगिता की विवेचना कीजिए।

22. आईपीआर-1956 के तहत निजी क्षेत्र को क्यों और कैसे विनियमित किया गया?

औद्योगिक लाइसेंसिंग क्या है? यह संसाधनों के अन्य स्थान को कैसे प्रभावित करता है?

23. उद्योग नीति संकल्प, 1956 का मुख्य उद्देश्य क्या था? क्या हमने वास्तव में इसे हासिल किया है?

24. रोजगार और समानता के लक्ष्य को प्राप्त करने के लिए लघु उद्योगों पर भरोसा क्यों किया गया?

25. आपकी राय में औद्योगिक विकास की रणनीति के बीच के बुरे प्रभाव क्या हैं?

1947-90 की अवधि?

26 1956 की औद्योगिक नीति की विशेषता क्या थी?

Homework for Autumn Break

2022. **Class**-8

1- What do you understand by agro based industries?

2- What do you understand by mineral based industries?

3- Define the term 'Small scale industries'.

4- Define the term 'large scale industries'?

5- Write a short note on Iron and Steel Industries.

6- What do you know about tagore's abode of Peace.

7- Write about the following Social Reformers.

(i) Dayanand Saraswati

(ii) Jyoti Rao Phule

(iii) Mumtaj Ali

8- What do understand by these terms-

(i) Ghettoisation

(ii) Main Stream

(iii) Malnourished

(iv) Policy

Homework for Autumn Break

2022. **Class**-9

1. What is bhabar?

02. Name the three major divisions of the Himalayas from north to south.

3. Distinguish between

(i) Bhangar and khadar (ii) Western Ghat and Eastern Ghat

4. what do you meant by water divide?

5. write merits and demerits of democracy.

6. What do you understand by modern farming method?

7.write a Short note on Reign of Terror?

8. Describe the problems faced by Weimar Republic.

1. What do you know about civil disobedience movement?

2. Describe the impact of Ist world war on Indian economy.

3. What was Zollverein How was it form?

4. Difference between organised "Unorganised.

5. What do you Understand by double coincidence of Wants

6. Describe the sole and of Gram Sabha. Gram Panchayat and gram Sabha?

7.Differenciate between horizontal power sharing and Vertical power sharing.

8. Write a short note a What do about agenda 21.

9. What do you understand by sustainable development?

10.What steps has been taken to conserved the wildlife.