Maths Holidays H.W

1.Draw or paste 3 picture of objects showing comparsion bigger and smaller., On and Under, outside and inside.

2. Make cards for counting 1to10 in numbers and name.

3. Write counting 1 to 100.

4. Write backward counting 100 to 1.

Note:-Do this work in three in one notebook.

केंद्रीय विद्यालय झज्जर ग्रीष्मकालीन गृह कार्य

हिंदी

1. स्वर और व्यंजन अभ्यास
- गतिविधि:
  - o स्वर (अ-आ, इ-ई, उ-ऊ) और व्यंजन (क-ह) का अभ्यास करें।
  - o चित्र काटें और हर एक स्वर और व्यंजन से जुड़े वस्तुओं के चित्र जोड़ें। उदाहरण:
    - अ (अ) – अमृत
    - ब (ब) – बगुला
  - o इन चित्रों को संबंधित अक्षरों के पास चिपकाएं।

2. चित्रों से वाक्य निर्माण
- गतिविधि:
  - o 5 चित्रों को इकट्ठा करें या अपनी ड्रॉइंग करें।
  - o चित्रों को देखकर **साधारण वाक्य** बनाए। उदाहरण:
    - **चित्र 1: एक पेड़ – यह पेड़ है।**
    - **चित्र 2: एक बिल्ली – यह बिल्ली है।**

3. हिंदी कविता
- गतिविधि:
  - o एक छोटी सी हिंदी कविता चुनें, जैसे "मछली जल की रानी है" या "रुपया-पैसा"।
  - o कविता याद करे और फिर उसे **परिवार के सामने प्रस्तुत** करे ।
  - o **सृजनात्मक मोड़:** कविता से संबंधित एक चित्र भी बनाए या चिपकाएं।

4. अक्षरों की माला
- गतिविधि:
  - o प्रत्येक हिंदी अक्षर (अ से ह) को एक अलग कागज पर लिखें।
  - o अक्षरों को **सजाने के लिए** - रंगीन पेंसिल, गोंद, या स्टीकर्स का उपयोग करें।
  - o फिर इन सजाए गए अक्षरों को एक **स्ट्रिंग में बांधकर अक्षरों की माला** बनाएं।

5. स्वयं का परिचय
- गतिविधि:
  - o बच्चे **हिंदी में अपना परिचय लिखें।** उदाहरण:
    - मेरा नाम ____ है।
    - मैं ____ कक्षा में पढ़ता/पढ़ती हूँ।
    - मेरे पास एक ____ है।
  - o फिर बच्चों को अपने परिचय को परिवार के सामने बोले ।

6. घर के कामों पर हिंदी में संवाद

- **गतिविधि:**
  - o बच्चों को **घर के कामों पर हिंदी में संवाद** करने के लिए प्रेरित करें, जैसे:
    - **माँ, आप क्या बना रही हो?**
    - **पापा, आप क्या कर रहे हैं?**
  - o बच्चों से कहें कि वे **एक काम को लिखें** जैसे **"मैंने चाय बनाई।"**

7. हिंदी में शब्दकोश बनाएं

- **गतिविधि:**
  - o बच्चे **10 नए हिंदी शब्दों** को इकट्ठा करे ।
  - o हर **शब्द** का अर्थ और एक चित्र लिखने के लिए कहें।
  - o उदाहरण:
    - **पक्षी (Bird)** – पक्षी का चित्र बनाएं।

8. हिंदी में 5 मित्रों के नाम और गुण

- **गतिविधि:**
  - o बच्चे अपने **5 दोस्तों** के नाम और उनके गुण हिंदी में लिखें। उदाहरण:
    - **राम:** अच्छा खिलाड़ी है।
    - **सीमा:** पढ़ाई में अच्छी है।

HOLIDAY HOMEWORK ENGLISH

CLASS 1

1. Learn and write A to Z and a to z with spellings 10 times.
2. Learn any 4 poems in English outside English textbook.
3. Make a chart of good habits.
4. Make a chart of phonic sounds .
5. Make a chart of action words.
6. Write 10 pages of handwriting.
7. Learn phonic sounds of alphabets.
8. Read 1 page of English book everyday.

English Holiday HW

1. Read one page of your English book daily.

2. Make five butterflies and write opposite Word in it on Coloured paper.

3. Make a mask of any animal, fruit and vegetable.

4. Write 20 pages of handwriting in beautiful handwriting.

5. Learn chapter 1 and 2 with full exercise.

6. Make a chart on vowels. for eg.an egg, a ball. Draw picture, also.

1. सुंदर लिखावट में दस पेज सुलेख लिखें।
2. प्रतिदिन पुस्तक का एक पेज पढ़ें।
3. अपना परिचय लिखें।
4. अपने माता - पिता या दादा - दादी से कहानी सुनकर अपनी कॉपी में लिखें।
5. किन्हीं दो जानवरों के मुखौटे बनाकर लायेंगे और उनके बारे में कुछ पंक्तियाँ याद करके आयेंगे।
6. अपने परिवार के सदस्यों के नाम व उनका आपसे संबंध लिखो।

Class second match holiday homework

1. Write and learn table 2 to 10.

2. Write and learn one to hundred counting in both Hindi and English.

3. Go around your home and find 10 objects that are different shapes draw the object in your notebook and write their name and shapes.

4. Ask five family members there age

   write the age and arrange them in ascending order.

   find the eldest and youngest person.

NOTE. - holiday homework do on a separate notebook.

ENGLISH

1. Write 10 pages of handwriting in three in one notebook .

2. Write 3 National News everyday from any English newspaper for 10 days (3in 1 notebook)

3. Learn any five poems in English (Class 3 level)

4. Make a chart of any 10 VERBS AND DRAW PICTURE ALSO

5. Read one story book in English and write the following .(in three in one notebook)

Name of the story -
Author -
Characters-
Moral –

6. Learn all the work till date

MATHS

1. Revise chapter 1 to 3

2. Write Counting 1501 to 3000

3. Learn tables 2 to 20 and Write 1 time in separate notebook.

4. Do practice of addition, Multiplication Subtraction and division.

5. Do practice of word problems of addition and subtraction.

6. Make a chart of tables 2 to 20.

COMPUTER SCIENCE

1. Create a labeled diagram of computer and its parts.

2. Write down applications of computer in everyday life.

3. Write and learn different types of Input and Output devices.

4. Learn Complete chapter-1.

केन्द्रीय विद्यालय झज्जर

ग्रीष्म कालीन अवकाश गृहकार्य(2025-26)

विषय -हिंदी   कक्षा -3

1. जंगल में कौन-कौन से जानवर रहते हैं , नाम लिखो – कोई 15

2. अच्छी आदतों के कारण आपके जीवन पर क्या प्रभाव पड़ता है? पांच वाक्य लिखें

(3) निम्नलिखित विषयों पर 5-6 वाक्य लिखिए। —i) मेरा विद्यालय   ii) अनुशासन

4) हिंदी कॉपी में जो कार्य करवाया है उसका दोहरान करना है और याद करना हैं।

5) अपने आप से 10 शब्द लिंग बदलो , 10 शब्द वचन बदलो, 10 विलोम शब्द लिखो।

(6) 20 सुलेख लिखें।

7) रोज 3 श्रुतलेख शब्द लिखें।

Kendriya vidyalaya Jhajjar
HOLIDAY HOME WORK

Class – III   Sub. – TWAU

1. Paste the pictures of five players and write their names and related games. Write 5 sentences about any one player.

2. Collect and paste the pictures of healthy food and write 5 sentences about your favourite food.

3. Write the five slogans on save water and make the poster.

4. Paste or draw the pictures of any five animals of your choice and write the food item they eat.

5. Write the name of Indian states and their capital. (Locate in Indian political map)

6. Write the name of seasonal fruits of your area.

7. Make a nutrients chart.

Note - All work should be done in a separate file.

Kendriya vidyalaya Jhajjar

Summer holidays homework

Class 4

ENGLISH

1. Write 10 pages of handwriting in three in one notebook .
2. Read one page daily from your ENGLISH BOOK SANTOOR . And circle the difficult words and write their meanings in the book itself.
3. Make a colourful chart on collective nouns with pictures .
4. Make a model of a small house with furniture using paper or boxes.Use toys or cut-outs to show where things are placed.Example: The ball is **under** the chair.Write 5 such sentences and stick them beside your model or drawing.
5. Action word chart - Paste or draw 10 pictures of people doing actions (like running, dancing). Write one sentence for each picture:e.g., *He is running.*
6. *Learn all the work done till date.*

EVS

1– Community Helpers

- Paste 5 helpers' pictures
- Write 2 lines about each (EVS NOTEBOOK)

2. Make a table on chart paper and draw pictures also

Occupation	what they do	Tools they use (picture and name)

3. Make a model of any two tools required by community helpers.

4.write five lines on ' VAN MAHOTSAV'

5 Poster – Together We Grow

- Make a colorful poster
- Show people helping each other
- Add a slogan

MATHS

Chart Paper Activity

1. **Topic: "World of Shapes"**
- On a chart paper, draw and label the following:
  - 2D Shapes: Square, Triangle, Circle, Rectangle, Pentagon
  - 3D Shapes: Cube, Cuboid, Cone, Sphere, Cylinder
  - Mention number of sides, corners (for 2D), and faces, edges, vertices (for 3D).
  - Decorate it with colored paper, stickers, or cut-outs.
  -
2. **Place Value Model**
- Create a Place Value Chart model (ones, tens, hundreds, etc.) using boxes or paper cups.
- Put number cards or beads to represent digits in each place.
3. Learn tables from 2 to 20
4. Do all questions-

Addition

1. 4,263 + 1,789 =
2. 7,562 + 2,415 =
3. 6,890 + 3,076 =

Subtraction

1. 9,234 – 4,528 =
2. 6,700 – 2,245 =
3. 8,900 – 3,375 =

Multiplication

1. 128 × 4 =
2. 256 × 3 =
3. 412 × 5 =

Division

1. 648 ÷ 6 =
2. 864 ÷ 4 =
3. 990 ÷ 5 =

Q. A library had 3,275 books. They received 1,246 more books. How many books are there in total now?

Q. Riya scored 486 marks in Term 1 and 529 marks in Term 2. What was her total score?

Q. . Rohan started his homework at 4:30 PM and finished at 6:15 PM. How long did he take to complete his homework?

QMeena had ₹1,000. She bought a dress for ₹625. How much money is left?

Kendriya vidyalaya Jhajjar

Summer holidays homework

Class 4th

COMPUTER

1. What is the computer and its basic parts ?
2. What are Input and Output devices ? Give Example.
3. Fill in the blanks
   a) All the physicals park of a computer that you can see, touch and feel are called...................
   b) The................ does all the arithmetic calculations and take logical decision in a computer.
   c) A...................... is connected to a computer or a laptop via USB support.
   d) .... is an operating system.
4. Write and learn chapter 1
5. Prepare a chart on History, Evolution & Application of computer. (For odd Roll No.)
   Make a chart on different types of computer on basis of size and purpose. (For Even Roll No.)

कक्षा - चार

1. 15 सुलेख लिखो प्रतिदिन एक सुलेख अखबार से|
2. संज्ञा के तीनों भेदो के पांच पांच उदाहरण लिखो |
3. विलोम शब्द,लिंग व वचन के 10-10 उदाहरण लिखें|
4. A4 सीट पर अपने प्रिय खेल की फोटो चिपका कर पांच पंक्तियां लिखो|
5. प्रतिदिन पुस्तक का एक पेज बोलकर पढ़ें |
6. छुट्टी के दौरान की गई यात्रा के बारे में लिखो|
7. नोटबुक के कार्य का दोहराव करें |

Holiday Homework VTh Math

1. Do 40 sums of Multiplication.

2. Do 40 sums of division.

3. Do 40 sums of subtraction, addition and LCM.

4. Learn and Make chart of tables 0 to 20.

5. Write Roman numbers upto 100 .Make a chart of Indian and international place value system.

6. Revise full syllabus.

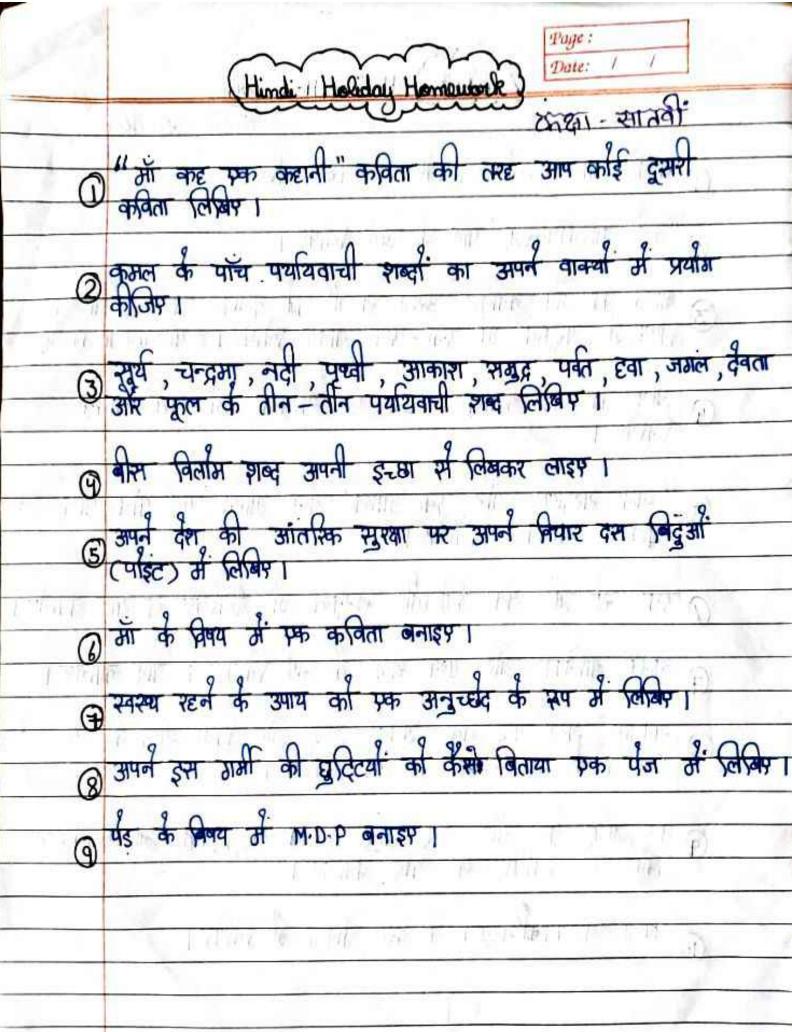**18. Which Al technology allows machines to understand and interpret visual information from the environment?**

a. Natural Language Processing (NLP)

b. Predictive Analytics

C. Computer Vision

d. Robotics

19. What kind of information does Google Maps provide when giving directions?

a. Name of the nearest restaurant

b. Traffic data and shortest travel path

c. The weather forecast

d. The nearest gas station

20. Which of the following statements about Al-driven solutions is true?

a. Al solutions can only perform tasks that humans are already capable of doing.

b. Al solutions can analyze large datasets and identify patterns that may not be obvious to humans.

C. Al solutions are always completely error-free and do not require human supervision.

d. Al solutions cannot adapt or learn from new data or experiences.

कक्षा - सातवीं

① "माँ कह एक कहानी" कविता की तरह आप कोई दूसरी कविता लिखिए ।

② कमल के पाँच पर्यायवाची शब्दों का अपने वाक्यों में प्रयोग कीजिए ।

③ सूर्य , चन्द्रमा , नदी , पृथ्वी , आकाश , समुद्र , पर्वत , हवा , जंगल , देवता और फूल के तीन - तीन पर्यायवाची शब्द लिखिए ।

④ बीस विलोम शब्द अपनी इच्छा से लिखकर लाइए ।

⑤ अपने देश की आंतरिक सुरक्षा पर अपने विचार दस बिंदुओं (पॉइंट) में लिखिए ।

⑥ माँ के विषय में एक कविता बनाइए ।

⑦ स्वस्थ रहने के उपाय को एक अनुच्छेद के रूप में लिखिए ।

⑧ अपने इस गर्मी की छुट्टियों को कैसे बिताया एक पेज में लिखिए ।

⑨ पेड़ के विषय में M.D.P बनाइए ।

कक्षा :- आठवीं

ग्रीष्मकालीन अवकाश गृहकार्य [हिंदी]

1. कोई एक देश भक्ति कविता या गीत की रचना कीजिए।

2. दिव्यांग या लाचार बच्चों को उत्साहित करने के कुछ दो तरीके लिखकर लाइए।

3. विज्ञापन के फायदे और नुकसान पर दस-दस वाक्य लिखिए।

4. स्वास्थ्य की रक्षा और देश की सुरक्षा पर आप अपने विचार दस-दस पॉइंट में लिखिए।

5. हरियाणा, तेलंगाना राज्य में क्या-क्या समानताएं है? इसे अलग-अलग दो कालम में दर्शाइए।

6. M.D.P

खान-पान पर एम.डी.पी बनाइए।

कक्षा - आठवी (हिंदी)

ग्रीष्मकालीन अवकाश गृहकार्य

5. गर्मियों की छुट्टियों के दौरान किसी रूचल के अनुभव के बारे में लिखिए।

02 अपने माता-पिता को अपने जन्मदिन पर घड़ी उपहार प्राप्त करने हेतु पत्र लिखिए।

3 जीवन में अनुशासन का महत्व विषय पर निबंध लिखिए।

4 'दो बैलो की कथा' पाठ का आशंश लिखिए।

5 उपसर्ग एवं प्रत्यय को परिभाषित करते हुए 10-10 उदाहरण लिखिए।

6 कबीर के साखियो एवं पदो में निहित मूल भावो को लिखिए।

7 'इस जल प्रलय में' पाठ के आधार पर बाढ़ से बचने के लिए क्या-क्या उपाय करें हो।

8 'ल्हासा की ओर' पाठ के आधार पर पहाड़ी लोगो के जीवन में आने वाली समस्याओ के बारे में लिखिए।

9 अर्थ के आधार पर वाक्य भेद के अनुसार 10-10 उदाहरण लिखिए।

10 'नशा के दुष्परिणाम' विषय पर परामर्श देते हुए अपने बड़े भाई को पत्र लिखिए।

ग्रीष्मकालीन अवकाश कार्य

1 सूरदास के पद में प्रयुक्त भाषा बोली एवं अलंकारों को छाँट कर लिखिए ।

2 नेता जी का चश्मा पाठ में वर्णित मानव मूल्यों को लिखिए ।

3 माता का अँचल पाठ का सारांश लिखिए ।

4 साना - साना हाथ जोड़ि पाठ को पढ़कर सारांश लिखिए ।

5 रचना के आधार पर वाक्य को परिभाषित करते हुए 10-10 उदाहरण लिखिए ।

6 नोट परीक्षा में अव्वल आने पर अपने बड़े भाई को बधाई पर लिखिए ।

7 ग्रीष्मकाल के दौरान भ्रमण किए गए स्थल का वर्णन कीजिए ।

8 विद्यार्थी जीवन में सामाजिक मीडिया का दुष्प्रणाम का वर्णन कीजिए ।

9 आंतकवाद एक अभिशाप विषय पर निबंध लिखिए ।

10 राम लक्ष्मण परशुराम संवाद को पढ़कर सारांश लिखिए ।

KENDRIYA VIDYALAYA JHAJJAR
HOLIDAYS' HOMEWORK (SUMMER BREAK 2025)

CLASS XII – CS & IP

√ SOLVE **ASSIGNMENTS (Mcqs /Short answers/Programming problems)** shared in WhatsApp group in Notebook.

√ Complete notes in classwork notebook up to syllabus covered till date with proper index.

√ Decide/Choose the topic for the **Major Project** that you going to submit at the end of the session and prepare synopsis for the same on A4 sheets (4-5 PAGES).

> NOTE: 1. Solve all the Programming problems first then execute to compare your output and write in Notebook.
>
> 2. Answers must include python code, examples, and diagrams wherever required as per question.
>
> 3. Submit HOMEWORK on 18.06.2025(Wednesday) positively.

Subject Teacher: SAPNA (PGT - CS)

CLASS 12 BIOLOGY

Q1 Draw neat and clean labelled diagram of the following in biology note book hw side

    1. Microporogenesis
2. Female embryo sac showing fertilisation
3. Human female reproductive system
4 . Structure of DNA / DNA replication fork
5 . flow chart showing oogenesis ,spermatogenesis and menstrual cycle

Q2. Complete the following practicals in lab manual
1. Pollen grain germination
2. Quadrat method(plant population density)
3. Study of mitosis in onion root tip

Q3. Prepare an investigatory project on any one topic .mandatory for all for board practicals
1. Impact of covid vaccine on human health by the survey based method
2. auto immune disease
3. genetic disorder
4.Generation of QR code for(20) plants along with their use in school campus
 4. conservation of natural resources (plant resoures)
       Or on any topic of your own choice in separate file

Holiday homework (summer vacation)
CLASS XII

1) Write definition of molarity, molality & mole fraction with formula and learn.

2) Define Henry's Law and write its applications

3) Solve inter question 1.6 ch: 1

4) Do solved example 1.5 ch: 1

5) Define ideal solution & non ideal solutions.

6) Write two examples of +ve deviation showing & -ve deviation showing mixtures.

7) Define colligative Properties.

8) Write formula for relative lowering in v.P, Elevation in boiling point, depression in freezing point, osmotic pressure.

9) Solve inter ques 1.8 & 1.9

10) Define vant hoff's factor

11) Do solved example 1.6 & 1.7

12) Define osmotic Pressure and Reverse osmosis.

13) Do exercise ques 1.15, 1.18, 1.20, 1.34, 1.21

14) Define Hypertonic & Hypotonic solutions.

15) Define azeotropic mixtures with two suitable examples.

16) Unit test at the end of summer vacations.

17) Read chapter 3.

Holiday homework

KENDRIYA VIDYALAYA JHAJJAR

SUMMER VACATION HOMEWORK (2025-2026)

CLASS – XII

SUBJECT- ENGLISH CORE (301)

(TO BE DONE IN ENGLISH COPY & TO BE SUBMITTED LATEST BY 20/06/2025)

Write the homework in your regular ENGLISH notebooks.

1. Suppose you are Franz, the student and Head Prefect of M. Hamel's (French teacher's) City Language School, District Alsace. Your teacher has asked you to write a notice to be put up on the bulletin board, informing all concerned regarding the last lesson in the French language to be held tomorrow, due to the order which has come from Berlin. Draft this notice in not more than 50 words. Add other necessary details to it.

2. The water supply will be suspended for eight hours (10 a.m. to 6 p.m.) on the 31st of May 2023 to clean the water tank. Write a notice in about 50 words advising the residents to store water for a day. You are Karan/Karuna Bajaj, Secretary, Janata Group HousingSociety, Palam Vihar, Kurnool.

3. You have come across many lucrative advertisements of different coaching institutes claiming their success rate in their posters, pamphlets, banners, and digital media. They charge exorbitant fees. Actually, it is students' hard work, strong determination, and self-study that bring success in exams. Write an article on the topic: COACHING INSTITUTES EXPLOIT STUDENTS. (150- words)

4. Self-discipline is key to a happy and successful life. It gives moral strength, an empathetic attitude of others towards ourselves, and a planned and systematic routine that results in achieving desired goals. Write an article on the topic: DISCIPLINE SHAPES THE FUTURE OF A STUDENT.(150 words)
I

5. Many articles, opinions, and posts on social media are shared, which create a lot of confusion, threat, class and communal differences, and disharmony. All of these are responsible for spoiling the peace and harmony in society. It is the need of the time to keep a strict vigil by forming special cyber laws. Write a letter in 120 - 150 words to the Editor of a national daily highlighting it in order to create awareness among common people. You are Rishi / Rishika of 21 Rose Avenue, Sector- 10, Chandigarh.

6. The lack of job opportunities in rural areas is forcing people to migrate to cities. Every big city thus has several slums in it. Life in these slums is miserable.

Write a letter in 120 – 150 words to the editor of a national newspaper on how we can improve the living conditions in these slums. You are Karan/Karuna, M114, Mall Road, Delhi.

7. Your neighbour has invited you to his brother's birthday party. Write a formal reply accepting the invitation. Invent name, date, time, place, etc. You are Varun of Patel Nagar, Delhi.

8. You are Sanjay/Sakshi. You have been invited to participate in a seminar on 'Fundamental Rights of Children', organized by the Lions' Club of your district. Respond positively to the invitation by writing a letter to the Secretary of the club.

9. On the occasion of Van Mahotsav function in your school, draft an invitation to invite Shekhar Saxena, a renowned environmentalist for a tree plantation drive in your school to be held in the month of June this year. (Add necessary details.)

10. Mrs. and Mr Sharma wish to celebrate their 25th Wedding Anniversary. As Mr. Sharma write an invitation, inviting friends and relatives for this occasion. Write the necessary details.

11. Read the following chapters thoroughly and note down the important/main

points/highlights in your note-books(20-25 EACH)-

1. The Tiger king
2. Lost Spring
3. Deep Water
4. The Rattrap
5. Keeping Quiet
6. A Thing Of Beauty
7. Journey To The End Of The Earth
8. The Enemy

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SUMMER BREAK HOMEWORK FOR CLASS XII 2025-26 ECONOMICS **TO SOLVE CBSE QUESTIONS**

Q1Distinguish between Intermediate and final goods and explain the importance of this distinction in study of National Income? Q **2** .Distinguish between Consumer Goods and Capital Goods and explain the importance of this distinction in study of National Income? **Q3** .Distinguish between Stock and flow Variable with examples? **Q4** . Explain the Income Method of estimating national Income with steps and numerical examples. **Q5.** Explain the Production Method of estimating National Income with steps and numerical examples. **Q6.** Explain the Expenditure Method of estimating National Income with steps and numerical examples.Q7Distinguish between Real Flow and Money flow of Income with examples? Q8 Describe the circular flow of Income in a two sector economy.Q9 Explain the concept of Normal Residents with examples. Q10 Explain the concept of Domestic Territory withexamples. Q11 Discuss the concept of Factor Income and Transfer Income with examples. Q 12 What is Investment .Explain Gross Investment and Net Investment with Depreciation.Q 13 Define the GDPmp ,NDPfc and NNPfc and how convert GDPmp to NNPfc Q14What Precautions are necessary while Calculating National Income by Product Method?

Q 15 Explain the Problem of double Counting in estimating national income with the help of numerical examples. Also explain alternative ways of avoiding the problem.

Q 16What does GDP deflator Show? How is it estimated? How we Conversion of Nominal GDP into Real GDP?

Q17 Explain Precautions of the Income Method of estimating national Income?

Q 18 Explain the Precautions of Production Method of estimating National Income?

Q19 Explain the Precautions of Expenditure Method of estimating National Income?

Q 20 What is a barter system? What are its draw backs?Q21Explain the Primary and Secondary function of Money? Q21what is a barter system? What are its draw backs? Q22 State and explain the different Components of money supply?Q23 Define a Central bank? What are the Functions of Central Bank?Q24 How Commercial banks create Money in the economy with numerical examples?

2 TO MAKE A PROJECT FILE OF CHOOSE ONE TOPIC WITH GIVEN TOPICS AND PPT ON THAT TOPICS : Suggested List of Project 1 . GOODS AND SERVICES TAX ACT (GST) AND ITS IMPACT ON GDP . 2,GOVERNMENT BUDGET &ITS COMPONENTS & OBJECTIVES AND DEFICITS TYPES . 3. RBI FUNCTIONS AND ROLE OF RBI IN CONTROL OF CREDIT WITH COMMERICAL BANK ,MONEY CREATION AND TYPES OF ACCOUNT . 4 . BOP AND EXCHANGE RATE DETERMINATION-METHODS AND TECHNIQUES. NOTE – The Project Should be 3500-4000 Words excluding diagrams & Graphs with Handwritten Approx 35 -40 Pages.[PER DAY 1-2 PAGES WORK ON PROJECT]

3. TO SOLVE 20 NUMERICAL QUESTIONS OF NATIONAL INCOME GIVEN IN THE TEXT BOOK. [PER DAY 1 QUESTION SOLVE]

4 . I PROVIDED YOU KVS STUDY MATERIAL , YOU LEARN FIRST UNIT "NATIONAL INCOME" &" INDIAN ECONOMY DEVELOPMENT" ; IMPORTANT POINTS ,VERY SHORT ,SHORT AND LONG QUESTIONS

Q.5.Calculate 'National Income': Items (in crore) (i) Personal tax 80 (ii) Private final consumption expenditure 600 (iii) Undistributed profits 30 (iv) Private income 650 (v) Government final consumption expenditure 100 (vi) Corporate tax 50 (vii) Net domestic

fixed capital formation 70 (viii) Net indirect tax 60 (ix) Depreciation 14 (x) Change in stocks (-) 10 (xi) Net imports 20 (xii) Net factor income to abroad 10.(Ans 670 cr).Q.7.Calculate 'Net Domestic Product at Factor Cost': Items (1(in crore) (i) Net current transfers to abroad 15 (ii) Private final consumption expenditure 800 (iii) Net imports (-) 20 (iv) Net domestic capital formation 100 (v) Net factor income to abroad 10 (vi) Depreciation 50 (vii) Change in stocks 17 .(Ans 1000 cr) (viii) Net indirect tax 1 20 (ix) Government final consumption expenditure 200 (x) Exports 30.Q8.If the Real GDP is 400 and Nominal GDP is 450, calculate the Price Index (base = I 00). If the Real GDP is 500 and Price Index (base = 100) is 125, calculate the Nominal GDP. If the Nominal GDP is 600 and Price Index (base = 100) is 120, calculate the Real GDP. .(Ans 112.5,625,500 cr Q14.Calculate 'Net Domestic Product at Market Price': Items in crore (i) Private final consumption expenditure 400(ii) Opening stock 10 (iii) Consumption of fixed capital 25 (iv) Imports 15 (v) Government final consumption expenditure 90 (vi) Net current transfers to rest of the world 5 (vii) Gross domestic fixed capital formation 80 (viii) Closing stock 20 (ix) Exports 10 (x) Net factor income to abroad -5 .(Ans 550 cr).Q.19. Calculate the Gross National Product at Market Price: Items in crore(i) Wages and salaries 800 (ii) Personal tax 150 (iii) Operating surplus 200 (iv) Undistributed profits 10(v) Social security contributions by employers 100 (vi) Corporate tax 50 (vii) Net factor income to abroad -20 (viii) Personal disposable income 1200 (ix) Net indirect tax 70 (x) Consumption of fixed capital 30 (xi) Mixed income of self-employed 500 (xii) Royalty 9 .(Ans 1720 cr).Q.20.Calculate National Income: Items (in crore) (i) Net imports 5 (ii) Net domestic capital formation 15 (iii) Personal income 90 (iv) National debt interest IO (v) Corporate tax 25 (vi) Government final consumption expenditure 20 (vii) Net factor income to abroad (-) 5 (viii) Net indirect tax IO (ix) Undistributed profits 0 (x) Private final consumption expenditure 100. .(Ans 125 cr)Q.21.Calculate Net National Product at Market Price: Items (in crore) (i) Net factor income to abroad (-) 10 (ii) Net current transfers to abroad 5 (iii) Consumption of fixed capital 40 (iv) Compensation of employees 700 (v) Corporate tax 30 (vi) Undistributed profits 10 (vii) Interest 90 (viii) Rent 100 (ix) Dividends 20 (x) Net indirect tax 1 10 (xi) Social security contributions by employees 11. .(Ans 1070 cr).Q.28.Find National Income: Items (in crore) (i) Wages and salaries 1000 (ii) Net current transfers to abroad 20 (iii) Net factor income paid to abroad 10 (iv) Profit 400 (v) National debt interest 120 (vi) Social security contributions by employers 100 (vii) Current transfers from government 60 (viii) National income accruing to government 150 (ix) Rent 200 (x) Interest 300 (xi) Royalty 50. (Ans 2040 cr)Q.30. Find Net National Product at Market Price: Items (in crore) (i) Personal taxes 200 (ii) Wage and salaries 1,200 (iii) Undistributed profit 50 (iv) Rent 300 (v) Corporation tax 200 (vi) Private income 2,000 (vii) Interest 400 (viii) Net indirect tax 300 (ix) Net factor income to abroad 20 (x) Profit 500 (ix) Social security contributions by employers 250.(Ans 2930 cr)Q.37.Find Gross National Product at Market Price: Items (in crore) (i) Private final consumption expenditure 800 (ii) Net current transfers to abroad 20 (iii) Net factor income to abroad (-) 10 (iv) Government final consumption expenditure 300 (v) Net indirect tax 1 50 (vi) Net domestic capital formation 200 (vii) Current transfers from government 40 (viii) Depreciation 100 (ix) Net imports 30 (x) Income accruing to government 90 (xi) National debt interest 50. .(Ans 1380 cr)39.Calculate National Income: Items (f in crore) (i)

Corporation tax 100 (ii) Private final consumption expenditure 900 (iii) Personal income tax 1 20 (iv) Government final consumption expenditure 200 (v) Undistributed profits 50 (vi) Change in stocks (-) 20 (vii) **Net** domestic fixed capital formation 1 20 (viii) **Net** imports 10 (ix) Net indirect tax 1 50 (x) Net factor income from abroad (-) 10 (xi) Private income 1,000 **Ans 1030 cr**).

6. Learn all MCQs, Hot Application Questions, Case study Questions, NCERT Questions, CBSE Previous Years Questions ,Long Answer Questions ,Short Answer Questions First Unit 4 Lessions and Second Unit 2 Lessions

7. Write and Learn Power Points 1 to 6 Lessions in Holiday Home Work copy.

Holiday's Homework for Accountancy
1. Chapter 1- Do questions marked in the class from your book.
 (Includes MCQ, assertion and reason, competency bases questions, case based questions, full fledged question)
2. Chapter 2. Test your understanding.
3. Chapter 3. Questions marked (only 5)

Holiday's Homework for Business studies
1. Cbse project as discussed in class
2. Chapter 1, 2, 3 worksheet (shared above)

Note.
Take print out of the worksheets and do the work in your school assignment register.

ग्रीष्मकालीन अवकाश गृहकार्य

① आनंद यादव के पाठ 'जूझ' कहानी का सारांश
लिखिए।

② "अतीत में दबे पाँव" पाठ के आधार पर सिंधु
सभ्यता की विशेषताओं का वर्णन कीजिए।

③ आधुनिक वेद समाज के लिए अभिशाप है
इसके खात्मा के लिए प्रधानमंत्री को पत्र लिखिए।

④ पुरानी पीढ़ी एवं नई पीढ़ी की सोच में बदलाव
कैसे करें विषय पर फीचर लिखिए।

⑤ 'आज वर्तमान में नारी उत्थान' विषय पर
रचनात्मक लेख लिखिए।

⑥ विद्यार्थी जीवन में सामाजिक मीडिया की सकारा
एवं नकारात्मक प्रभाव को दर्शाते हुए निबंध
लिखिए।

⑦ पतंग कविता का सारांश लिखिए।

⑧ उल्टा पिरामिड एवं सीधा पिरामिड शैली
का सचित्र वर्णन कीजिए।

⑨ अपने बड़े भाई / बहन को बोर्ड एग्जाम परीक्षा
में सफल होने पर बधाई पत्र लिखिए।

⑩ दैनिक भास्कर झब्बर समाचार पत्र के संपादक
को अपनी स्वरचित कविता प्रकाशित करते हैं
आग्रह पत्र लिखिए।

SUMMER VACATION HOME WORK

CLASS:XII

RELATION AND FUNCTION

Q.1 Check whether the relation R in R defined by R = {(a,b): a≤ b^3} is reflexive ,symmetric or transitive.

Q.2 Show that the relation R in the set A={1,2,3,4,5} given by R={(a,b) : |a-b|is even}, is an equivalence relation.Show that all the elements of{1,3,5} are related to each other and all the elements of{2,4} are related to each other .But no element of {1,3,5} is related to any element of{2,4}.

Q.3 Show that the relation R defined in the set A of all triangles as R = {(T_1, T_2) : T_1 is similar to T_2} is equivalence relation. Consider three right angle triangles T_1 with sides 3,4,5, T_2 with sides 5,12,13 and T_3 with sides 6,8,10.Which triangles among T_1, T_2 and T_3 are related ?

Q.4 Let L be the set of all lines in XY plane and R be the relation in L defined as R={(L_1, L_2) : L_1 is parallel toL_2} Show that R is an equivalence relation. Find the set of all lines related to the line $y = 2x + 4$.

Q.5 Let a relation R_1 on the set R of real numbers be defined as (a,b)∈ R_1 ⟺ 1+ab> 0 for all a,b ∈ R . Show that R_1 is reflexive and symmetric but not transitive.

Q.6 Prove that the relation 'congruence modulo m' on the set Z of all integers is an equivalence relation

[Let m be an arbitrary but fixed integer. Two integers a and b are said to be congruence modulo m if a-b is divisible by m and we write a ≡ b(mod m), thus a ≡ b(mod m)⟺ a-b is divisible by m.]

Q.7 Prove that the relation R on the set N×N defined by (a,b)R(c,d)⟺a+d=b+c for all (a,b),(c,d)∈N×N is an equivalence relation. Also,find the equivalence classes [(2,3)] and [(1,3)]

Q.8 Let N denote the set of all natural numbers and R be the relation on N×N defined by (a,b)R(c,d) if ad(b+c)=bc(a+d).Show that R is an equivalence relation.

Q.9 Show that the function f in A=R-{$\frac{2}{3}$}defined as $f(x) = \frac{4x+3}{6x-4}$ is one-one and onto.

Q.10 Show that the function f:R→{x ∈ R:- 1 < x < 1} defined by $f(x) = \frac{x}{1+|x|}$,x ∈ R is one-one and onto function.

INVERSE TRIGONOMETRIC FUNCTION

Q.1 Evaluate $\cos\left(\tan^{-1}\dfrac{3}{4}\right)$

Q.2 Find the value of $\sin\left(2\tan^{-1}\dfrac{1}{4}\right) + \cos\left(\tan^{-1}2\sqrt{2}\right)$

Find the principal value of the following:

Q.3 $\cos^{-1}\left(\dfrac{\sqrt{3}}{2}\right)$ **Q.4** $\tan^{-1}(-\sqrt{3})$ **Q.5** $\cos^{-1}\left(-\dfrac{1}{2}\right)$ **Q.6** $\sec^{-1}\left(\dfrac{2}{\sqrt{3}}\right)$

Q.7 $\cos^{-1}\left(\dfrac{1}{2}\right) + 2\sin^{-1}\left(\dfrac{1}{2}\right)$ **Q.8** $\tan^{-1}(\sqrt{3}) - \sec^{-1}(-2)$

Q.9 Find the value of $\tan^{-1}\left(\tan\dfrac{5\pi}{6}\right) + \cos^{-1}\left(\cos\dfrac{13\pi}{6}\right)$

Q.10 Find the value of $\tan^{-1}\left(-\dfrac{1}{\sqrt{3}}\right) + \cot^{-1}\left(\dfrac{1}{\sqrt{3}}\right) + \tan^{-1}\left[\sin\left(\dfrac{-\pi}{2}\right)\right]$

MATRICES AND DETERMINANT

Q.1 Given $A = \begin{bmatrix} 2 & -3 \\ -4 & 7 \end{bmatrix}$, Compute A^{-1} and show that $2A^{-1} = 9I - A$

Q.2 Show that the matrix $A = \begin{bmatrix} 1 & 0 & -2 \\ -2 & -1 & 2 \\ 3 & 4 & 1 \end{bmatrix}$ Satisfies the equation $A^3 - A^2 - 3A - I_3 = 0$. find A^{-1}

Q.3 If $A = \begin{bmatrix} 3 & -3 & 4 \\ 2 & -3 & 4 \\ 0 & -1 & 1 \end{bmatrix}$, Show that $A^{-1} = A^3$

Q.4 Find the matrix X for which $\begin{bmatrix} 3 & 2 \\ 7 & 5 \end{bmatrix} \times \begin{bmatrix} -1 & 1 \\ -2 & 1 \end{bmatrix} = \begin{bmatrix} 2 & -1 \\ 0 & 4 \end{bmatrix}$

Q.5 If $A = \begin{bmatrix} 1 & -1 & 0 \\ 2 & 3 & 4 \\ 0 & 1 & 2 \end{bmatrix}$ and $B = \begin{bmatrix} 2 & 2 & -4 \\ -4 & 2 & -4 \\ 2 & -1 & 5 \end{bmatrix}$ are two matrices, Find AB and hence solve the system of linear equation $x - y = 3, 2x + 3y + 4z = 17, y + 2z = 17$

Q.6 If $A = \begin{bmatrix} 2 & -3 & 5 \\ 3 & 2 & -4 \\ 1 & 1 & -2 \end{bmatrix}$ Find A^{-1} and hence solve the system of linear equations

$$2x - 3y + 5z = 11, 3x + 2y - 4z = -5, x + y - 2z = -3$$

Q.7 If $A = \begin{bmatrix} 1 & 2 & 0 \\ -2 & -1 & -2 \\ 0 & -1 & 1 \end{bmatrix}$,Find A^{-1} ,using A^{-1} solve the system of linear equations.

$$x - 2y = 10, 2x - y - z = 8, -2y + z = 7$$

Q.8 use product $\begin{bmatrix} 1 & -1 & 2 \\ 0 & 2 & -3 \\ 3 & -2 & 4 \end{bmatrix}\begin{bmatrix} -2 & 0 & 1 \\ 9 & 2 & -3 \\ 6 & 1 & -2 \end{bmatrix}$,to solve the system of equations

$$x + 3z = -9, -x + 2y - 2z = 4, 2x - 3y + 4z = -3$$

Q.9 Using matrix method ,solve the following system of equations

$$\frac{2}{x} + \frac{3}{y} + \frac{10}{z} = 4$$

$$\frac{4}{x} - \frac{6}{y} + \frac{5}{z} = 1$$

$$\frac{6}{x} + \frac{9}{y} - \frac{20}{z} = 2$$

$$x, y, z \neq 0$$

Q.10 If $A = \begin{bmatrix} 1 & 0 & 2 \\ 0 & 2 & 1 \\ 2 & 0 & 3 \end{bmatrix}$ and $A^3 - 6A^2 + 7A + kI_3 = o$,Find the value of k