

ग्रीष्म अवकाश कालीन गृहकार्य

IX B

- (i) अलंकार की परिभाषा एवं उदाहरण लिखिए।
- (ii) समास की परिभाषा भेद एवं प्रत्येक भेद के 15-15 उदाहरण लिखिए।
- (iii) दो बेलों की बच्चा पाठ का प्रश्नोत्तर लिखिए।
- (iv) विद्भालय में अपनी पसंदीदा पुस्तक भंगवाने हेतु प्राचार्य महोदय को पत्र लिखिए।

Holiday Homework of Science

- 1- Diagram: Plant cell, Animal cell, Mitochondria, Nucleus.
- 2- Write 10 MCQ from each chapter (1, 2, 5)
- 3- Write one case study from each chapter (1, 2, 5) and solve related questions.
- 4- Write any five question from each chapter (1, 2, 5) other than textbook.
- 5- Write difference
 - ① Plant cell and animal cell.
 - ② Prokaryotic and Eukaryotic cell.

Artificial Intelligence

Class - 9th

Q1. Write short note on the following:

- (i) Alexa
- (ii) Self driving Car
- (iii) Siri
- (iv) Cortana

Q2. If given a chance, what type of AI application would you like to develop or get developed ? Discuss.

Q3. List some advantages and disadvantages of Artificial intelligence.

Q4. Write about Smart City and Smart School in your own words.

Holiday Homework Summer Vacation

Class IX A English 2023-24

1. Solve at least two unseen passages from any sample paper and write it in your notebook.
2. Write a paragraph on 'Discipline' in about 200 words.
3. Construct a story with the help of the opening line given below. Give a suitable title and moral.
One day I was back to my home after school, when I reached near my village, I saw nearly 20 people running after a man
4. Write one sample of diary entry from any solved sample paper/ help book.
5. Write name of all twelve tenses and Write 05 examples of each i.e. affirmative, negative, interrogative- tag and wh question word and one example of internegative.
6. Learn Tense Chart and identification of each Tense

KENDRIYA VIDYALAYA IFFCO PHULPUR PRAYAGAJ

SUMMER VACCATION HOMEWORK (2023-24)

CLASS: IXA

SUBJECT: MATHEMATICS

1. Complete your notebook till the topic taught up 06-05-2023.
2. Make a project/ model on PYTHAGORAS THEOREM on A4 size paper with proper steps and prepare for viva.
3. Write and learn all formulas of chapter – 1 and 2.
4. Prepare for test after vacation (1st, 2nd and 3rd chapter).

ASHOK SINGH

TGT-MATHS

PRAYAGRAJ HOLIDAY HOMEWORK FOR SUMMER

VACATION 2023-24

Class IX

Subject-Social Science

✓ All the questions must be done in the most creative, accurate and innovative manner

✓ The activities must be done in the HOME WORK note book itself.

✓ Usage of pictures and graphs is compulsory for the activities THE FOLLOWING ASSIGNMENT HAS TO BE DONE IN THE NOTEBOOKS:



Edit with WPS Office

1. What was Jacobin club?

2. Name any 3 non farm activities that were performed by people in Palampur?

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3. Why does India use a standard meridian? What is the standard meridian for India?

4. Elaborate the French society structure in the 18 century.

5. Why is that the northern plain the most populated and island is moderately populated?

6. Write Rise and fall of Napoleon Bonaparte make a album of Napoleon?

7. What is the latitudinal and longitudinal extent of India?

8. How did the businessmen pursue their work in Palampur?

9. Write the Merits and Demerits of Democracy?



Edit with WPS Office

10. What are the modern tools and techniques used by the farmers now a days make alist of it and write about formal and non formal source of credit?

11. Make a manuscript: Take a broad leaf. Put it under a heavy book for ten days. On the leaf write the preamble of the indian constitution?

12. make a political map of India and find out following places-

1. NTPC Korba

2. NTPC Seepat

3. Rourkela

4. Bhilai

5. Bokaro

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KENDRIYA VIDYALAYA IFFCO PHULPUR PRAYAGAJ

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ASHOK SINGH

TGT-MATHS

KENDRIYA VIDYALAYA IFFCO PHULPUR

PRAYAGRAJ HOLIDAY HOMEWORK FOR SUMMER

VACATION 2023-24

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KENDRIYA VIDYALAYA IFFCO PHULPUR
SUMMER VACCATION HOMEWORK (2023-24)

IX/B

English

1. Write down the definition of parts of speech along with suitable example for it.
2. Write down all tenses and also do their active and passive voices for them as shown in the example:

Active voice- He will have done the work.

Passive Voice - The work will have been done by him.

Like this starting from simple present to all the tenses.

Mathematics

1. Complete your notebook.
2. Make a project/ model on PYTHAGORAS THEOREM and prepare for viva.
3. Write and learn all formulas of chapter – 1, 2, and 3.
4. Prepare for test after vacation (1st, 2nd and 3rd chapter).

Art Holiday Homework

Craft on G-20 make studies on G-20 topic. Any crafting material can be used.

WE Holiday Homework

1. Make a proper diagram of
 - a) Fluorescent Diagram (Tubelight)
 - b) Simple electric circuit (refer class VII & VIII NCERT books)

ग्रीष्मकालीन अवकाश गृह कार्य

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Artificial Intelligence

Q1. Write short note on the following:

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Q2. If given a chance, what type of AI application would you like to develop or get developed ? Discuss.

Q3. List some advantages and disadvantages of Artificial intelligence.

Q4. Write about Smart City and Smart School in your own words.

Science

1- Draw the diagram of plant cell, animal cell, mitochondria and nucleus.

2- Write 10 MCQ from each chapter 1,2 and 5.

3- Write one case study from each chapter 1,2,5 and solve the question based on it.

4- Write 5 question from each chapter 1,2,5 other than textbook.

5- Write the difference between : (I) plant cell and animal cell.

(II) Prokaryotic Cell and Eukaryotic Cell.

HOLIDAY HOME WORK SUMMER VACATION CLASS XA

	MATHS
1	LEARN TABLE, SQUARE ROOT, CUBE ROOT TILL 30
2	MAKE A PROJECT ON MATHEMATICS AROUND US
3	DO 15-15 QUESTION FROM EACH CHAPTER 1, 2, 3 FROM PREVIOUS YEAR QUESTION BANK
4	PREPARE FOR TEST AFTER VACATION CHAPTER 1,2,3 .
	SCIENCE
1	DRAW AND PRACTICE DIAGRAMS 5.14, 5.10, 5.8, 5.6, 5.13
2	LEARN TABLE 9.1(LIGHT CHAPTER)
3	WRITE 10 QUESTION FROM EACH CHAPTER CHEMICAL REACTION AND LIFE PROCESS FROM PREVIOUS YEAR QUESTION BANK
4	WRITE 10 MCQ FROM EACH CHAPTER CHEMICAL REACTION AND LIFE PROCESS FROM PREVIOUS YEAR QUESTION BANK
	ENGLISH
1	READ AND WRITE, REVISE UPTO 3 LESSONS FROM BOTH BOOK AND WRITE DOWN MORALS OF EACH LESSON
2	WRITE DOWN DEFINITION OF PREPOSITIONS AND CONNECTORS ALONG WITH SUITABLE 5 EXAMPLES FROM EACH
3	WRITE DOWN 10 MODAL VERBS ALONG WITH 10 EXAMPLES OF THE SAME TO CLEAR IT
	WE
1	DRAW SCHEMATIC DIAGRAM OF A-THERMAL POWER PLANT B-HYDRO POWER PLANT
	ARTS
1	"MOTA ANAJ"-CRAFTS ON MOTA ANAJ, ANY CRAFT MATERIAL CAN BE USED

KENDRIYA VIDYALAYA IFFCO PHULPUR
PRAYAGRAJ HOLIDAY HOMEWORK FOR
SUMMER VACATION 2023-24 Class X

SUBJECT -SOCIAL SCIENCE

1. Prepare any one topic each from the History and Civics section: *HISTORY*:

a. How did Gandhiji shape our Independence? Write about the seven major freedom movements initiated by Mahatma Gandhi.

OR

b. The history of overall development in India since the Independence.

CIVICS:

a. The evolution of 'Courts' in India Brief history of Indian Judiciary.



OR b. Discuss, why is a strong opposition necessary in a democratic and a parliamentary set up?

Complete all the Q/A from the chapters done in the class.

Make a project file on the given topic-

*AGRICULTURE IN INDIA(minimum 20 pages)

*Indian agriculture- importance, problems, and reforms

Types of farming in India Agriculture season

*Write in detail about two staple food crops and two cash crops grown in India.

"Points to be noted"

Sequence of the above points should be maintained.

*Students will be expected for the fullest use of sketches,



diagrams, maps, charts, images etc



Edit with WPS Office

Artificial Intelligence

Class - 10th

Q1. Write short note on the following:

- (i) Chatbot
- (ii) Self driving Car
- (iii) Cortana
- (iv) Voice Assistant

Q2. Write some real- world application of Artificial intelligence.

Q3. Write about three domain of AI and try to find out the application based on it around you.

Q4. Write about Smart Home and Smart city in your own words.

KENDRIYA VIDYALAYA IFFCO PHULPUR

Holidays Homework Summer Vacation Class X B 2023-24 English

Q1) Prepare a project report on any one of the following topics:-

- 1) Life history and achievements of William Shakespeare.
- 2) Advancement in science and technology.

Q2) Read the following books and write their summary in about 200 words.

- A. The Invisible Man by H.G. Wells
- B. Delhi is not far by Ruskin Bond

Q3) Dairy entry is an excellent way to express your feelings. Write dairy entry of any five memorable days of your summer vacations.

Q4) Write letters on the following subjects:-

- 1) Letters of inquiry
- 2) Letters for placing orders
- 3) Letters of complaint

Q5) Solve two unseen paragraphs from the latest sample paper. Write the paragraphs and questions also.

Q6) Write two different paragraphs based on the visual stimulus.

INSTRUCTIONS –

Q1. Should be bound in a folder.

Q2-Q6 Should be done in a separate notebook .

Q7) Learn Tense Chart and identification of each Tense.

Hindi

१. निम्नलिखित विषयों पर निबंध लिखिए।

क. भारत के समक्ष चुनौतियाँ और आपकी भूमिका।

ख. बदलती दुनिया बदलते लोग

ग. पर्यावरण संरक्षण में आपका योगदान

२. रचना के आधार पर वाक्य के भेद एवं प्रत्येक भेद के १०-१० उदाहरण लिखिए

३. अलंकार की परिभाषा भेद एवं उदाहरण लिखिए

सूरदास के पद पाठ का प्रश्नोत्तर लिखिए

Maths

1. Complete your notebook up to the topic taught till 06-05-2023.
2. Make a project / model on "MATHEMATICS AROUND US" in A4 size paper by following proper steps.
3. Do 10-10 Questions from each chapter (1-2) from previous year question bank.
4. Prepare for test after vacation (1st, 2nd and 3rd chapter).

Ashok Singh

TGT-Math

Science

1. Diagram: Plant Cell, Animal Cell, Mitochondria and Nucleus.
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4. Write any five questions from each chapter 1,2, & 5 other than textbook.
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Social Science

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Art & Craft

Prepare a craft on 'Mota Anaj'. You can use any craft material.

Work Experience

Make schematic diagram of :-

A. Thermal power plant

B. Hydro power plant

KENDRIYA VIDYALAYA IFFCO PHULPUR PRAYAGRAJ
HOLIDAY HOMEWORK 2023-24 CHEMISTRY CLASS XII

- 1) An Okanagan vintner (that's a winemaker) is waiting for her grapes to freeze in order to make a special batch of holiday ice-wine. Recent analysis has shown that the grapes are currently 28% sugar by mass. Assuming that sugar (formula $C_6H_{12}O_6$) is the only solute present and that water is the solvent, at what temperature will the grapes freeze? $[-4.0^\circ C]$
- 2) An aqueous sucrose ($C_{12}H_{22}O_{11}$) solution of unknown concentration is found to have a freezing point of $-0.912^\circ C$. What is the normal boiling point and the partial pressure (in torr) of water at $25^\circ C$ of this solution. Sucrose is a non-volatile, non-electrolyte.
- 3) Find the vapor pressure of a solution containing 27.4 g of naphthalene ($C_{10}H_8$, molar mass = 128.2 g/mol) dissolved in 465 g of hexane (C_6H_{14} , molar mass = 86.2 g/mol) at $25^\circ C$. The vapor pressure of pure hexane at $25^\circ C$ is 151 torr.
[BP = $100.25^\circ C$; P_{H_2O} = 23.59 torr]
- 4) Calculate the van't Hoff factor for a 0.050 m aqueous solution of $MgCl_2$ that has a measured freezing point of $-0.25^\circ C$.
- 5) Calculate the freezing point depression expected for 0.0711 molar aqueous solution of Na_2SO_4 if this solution actually freezes at $-0.320^\circ C$. $K_f = 1.86$. What will be the value of Vant Hoff factor??
- 6) 300 cm^3 of an aqueous solution contains 1.56g of a polymer. The osmotic pressure of such solution at 300 K is set up to be 2.57×10^{-3} bar. Find out the molar mass of the polymer.
- 7) Determine the amount of $CaCl_2$ ($i = 2.47$) dissolved in 2.5 litre of water such that its osmotic pressure is 0.75 atm at $27^\circ C$.
- 8) When 29.0 mg of the protein are added to 30.0 mL of water, you find that the osmotic pressure is 4.20 mm Hg. What is the molar mass of the protein?

ELECTROCHEMISTRY

- 9) Represent the cell in which the following reaction takes place
 $Mg(s) + 2Ag^+(0.0001\text{ M}) \longrightarrow Mg^{2+}(0.130\text{ M}) + 2Ag(s)$ Calculate its $E(\text{cell})$ if $E^\circ_{\text{cell}} = 3.17\text{ V}$
- 10) Calculate the potential (emf) of the cell
 $Cd | Cd^{2+}(0.10\text{ M}) || H^+(0.20\text{ M}) | Pt, H_2(0.5\text{ atm})$ (Given E° for $Cd^{2+} / Cd = -0.403\text{ V}$, $R = 8.14\text{ JK}^{-1}\text{ mol}^{-1}$, $F = 96,500\text{ C mol}^{-1}$).
- 11) A voltaic cell is set up at $25^\circ C$ with the half-cells $Al | Al^{3+}(0.001\text{ M})$ and $Ni | Ni^{2+}(0.50\text{ M})$. Write the equation for the reaction that occurs when the cell generates an electric current and determine the cell potential.
- 12) How many electrons are delivered at the cathode during electrolysis by a current of 1A in 60 seconds?
- 13) Predict the products of electrolysis in each of the following:
 - (i) An aqueous solution of $AgNO_3$ with silver electrodes.
 - (ii) An aqueous solution of $AgNO_3$ with platinum electrodes.
 - (iii) A dilute solution of H_2SO_4 with platinum electrodes.
 - (iv) An aqueous solution of $CuCl_2$ with platinum electrodes
- 14) Current of 1.50 A was passed through an electrolytic cell containing $AgNO_3$ solution with inert electrodes. The weight of Ag deposited was 1.50g. How long did the current flow? (b) Write the reactions taking place at the anode and cathode in the above cell if inert electrodes are used. (c) Give reactions taking place at the two electrodes if these are made up of A

- 15) 13.5 g of Al get deposited when electricity is passed through the solution of AlCl_3 . The number of faradays used are ?
- 16) A solution of CuSO_4 is electrolysed for 10 minutes with a current of 1.5 amperes. What is the mass of copper deposited at the cathode?
- 17) How much charge is required for the following reductions:
(i) 1 mol of Al^{3+} to Al. (ii) 1 mol of Cu^{2+} to Cu. (iii) 1 mol of MnO_4^- to Mn^{2+}

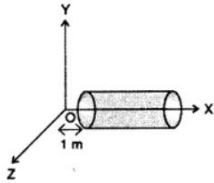
KENDRIYA VIDYALAYA IFFCO PHULPUR
SESSION 2023-24
SUMMER VACATION HOLIDAYS HOMEWORK

CLASS : XII

SUBJECT :PHYSICS

Let's recall the topic by doing few exercise

1. Define electric flux. Write its S.I. unit.
2. A charge 'q' is placed at the centre of a cube of side l. What is the electric flux passing through each face of the cube?
3. Two charges of magnitudes $-2Q$ and $+Q$ are located at points $(a, 0)$ and $(4a, 0)$ respectively. What is the electric flux due to these charges through a sphere of radius '3a' with its centre at the origin?
4. Write the expression for the work done on an electric dipole of dipole moment p in turning it from its position of stable equilibrium to a position of unstable equilibrium in a uniform electric field E
5. What is the electric flux through a cube of side 1 cm which encloses an electric dipole?
6. A point charge +Q is placed in the vicinity of a conducting surface. Draw the electric field lines between the surface and the charge.
7. Two point charges having equal charges separated by distance experience a force of . What will be the force experienced by them, if they are held in water, at the same distance ? (given K for water = 80)
8. Why must electrostatic field at the surface of a charged conductor be normal to the surface at every point ? Give reason.
9. A hollow cylindrical box of length 1m and area of cross-section 25 cm^2 is placed in a three dimensional coordinate system as shown in the figure. The electric field in the region is given by $E=50xi^{\wedge}$ where E is in NC^{-1} and x is in metres. Find



A. Net flux through the cylinder. B. Charge enclosed by the cylinder.

10. in a medium the force of attraction between two point electric charges, distance 'd' apart, is F. What distance apart should these be kept in the same medium so that the force between them becomes 3F?
11. A metallic spherical shell has an inner radius R_1 and outer radius R_2 . A charge Q is placed at the centre of the shell. What will be the surface charge density on the (i) inner surface, and (ii) the outer surface of the shell?
12. Why should electrostatic field be zero inside a conductor?
13. A charge 'q' is placed at the centre of a cube of side l. What is the electric flux passing through each face of the cube?
14. Two charges of magnitudes $-3Q$ and $+2Q$ are located at points $(a, 0)$ and $(4a, 0)$ respectively. What is the electric flux due to these charges through a sphere of radius '5a' with its centre at the origin?
15. Draw a plot showing variation of electric field with distance from the centre of a solid conducting sphere of radius R, having a charge of +Q on its surface.

16. Derive an expression for the torque experienced by an electric dipole kept in a uniform electric field.
17. Show that the electric field at the surface of a charged conductor is given by $\vec{E} = \frac{\sigma}{\epsilon_0} \hat{n}$, where σ is the surface charge density and \hat{n} is a unit vector normal to the surface in the outward direction.
18. A thin straight infinitely long conducting wire having charge density λ is enclosed by a cylindrical surface of radius r and length l , its axis coinciding with the length of the wire. Find the expression for the electric flux through the surface of the cylinder.
19. A charge is distributed uniformly over a ring of radius 'a'. Obtain an expression for the electric intensity E at a point on the axis of the ring. Hence show that for points at large distances from the ring, it behaves like a point charge.
20. Draw the pattern of electric field lines, when a point charge $-Q$ is kept near an uncharged conducting plate.
21. (i) An electric dipole is held in a uniform electric field. Using suitable diagram show that it does not undergo any translatory motion. Derive the expression for the torque acting on it. (ii) What would happen if the field is non-uniform? (iii) What would happen if the external electric field is increasing (a) parallel to and (b) anti-parallel to?
22. Derive an expression for the electric field intensity at a point on the equatorial line of an electric dipole of dipole moment and length. What is the direction of this field?

.....

Self study time :

Prepare notes of unit 5- Electromagnetic waves under the following topic .

1. What are electromagnetic waves. write the mathematical equation to represent it .
2. How can we produce different types of electromagnetic waves?
3. Write the range of wavelength and frequency and their applications of different types of electromagnetic waves

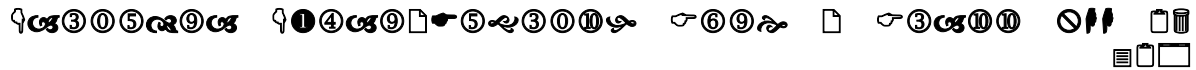
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**Project Work (English Core) cum Holiday Homework -
Class XII
Summer Vacation 2023**

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Holiday home work Summer vacation 2023-24 Sub- Computer Science

Class XIIA 2023-24

Write notes on the following topic-

Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)

- Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching)
- Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves)
- Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card)
- Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree)
- Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP
- Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting

KV IFFCO PHULPUR HOLIDAY HOME WORK (2023-24) BIOLOGY
CLASS XII

1. When a seed of an orange is squeezed, many embryos, instead of one are observed. Explain how it is possible. Are these embryos genetically similar or different?
Comment.
2. In a flowering plant a microspore mother cell produces four male gametophytes while a megaspore mother cell forms only one female gametophyte. Explain.
3. Give an example of an angiosperm seed that has a perisperm. Name the part that perisperm develop from.
4. Describe the characteristic features of wind pollinated flowers.
5. Describe in sequence the process of microsporogenesis in angiosperms.
6. How is apomixes different from parthenocarp?
7. What happens to corpus leuteum in human female if the ovum is – (a) fertilised (b) not fertilised?
8. Write the effect of high concentration of LH on a mature Graffian follicle.
9. Explain the events in a normal woman during her menstrual cycle on the following days-
 - (a) Pituitary event from 13-15 days
 - (b) Ovarian event from 13-15 days
 - (c) Ovarian hormonal level from 16-23 days (d) Uterine events from 13-23 days
 - (e) Uterine events from 24-29 days
10. Explain the development of ovum from an oogonium in a human female.
11. Explain the following phases in the menstrual cycle of a human female-
 - (a) Menstrual phase (b) Follicular phase (c) Luteal phase
12. Describe in sequence the process of spermatogenesis in human males.
13. Make diagrams-
 - (a) Human sperm
 - (b) (c) Cross section of seminiferous tubule (c) (d) Cross section of ovary
 - (d) Male reproductive system
 - (e) (e) Female reproductive system

HOLIDAY HOME-WORK FOR SUMMER VACATION

Class : XII

Subject : Mathematics

Part – 1

Exercise	Question number
1.1	1, 3, 5, 7, 8,10, 12, 13, 14
1.2	2, 3, 5, 7, 10, 11, 12
Mis. Exercise on chapter-1	2, 4, 8, 16, 17
2.1	5, 6, 9, 10, 11, 12, 14
2.2	2, 4, 5, 6, 7, 8, 10, 13, 15, 19
Mis. Exercise on chapter-2	4, 6, 8, 9, 10, 11, 17
3.1	4, 5, 7, 9, 10
3.2	3, 4, 10, 12, 15, 16, 18, 19, 20, 21
3.3	5, 7, 8, 10, 11, 12
Mis. Exercise on chapter-3	4, 5, 6, 7, 10, 13, 14, 15
4.1	2, 4, 5,8
4.3	2,3,4
4.4	3,4,5
4.5	5, 7, 9, 10, 11, 15
4.6	11, 12, 13, 14, 15, 16

Part -2 :-

Write all the formula & definition of the chapters 1, 2 & 3 and also learn it.

ग्रामीणविकास गृहकार्य 2023

कक्षा - बारहवीं

विषय - हिंदी

शिक्षक - रामबिलास - पीजीटी (हिंदी)

- ✱ विभिन्न माध्यमों के लिए लेखन
- ✱ पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया
उपर्युक्त दोनों पाठों से बहुविकल्पी प्रश्न निर्माण एवं उत्तर का लेखन कॉपी में करना।
- ✱ 'भक्ति' पाठ पर आधारित बहुविकल्पी प्रश्नोत्तर तैयार कीजिए।
- ✱ 'वितान' के पाठ 'सिल्वर वैडिंग' का स्वाध्याय करना एवं कॉपी में प्रश्नोत्तर लेखन।
- ✱ शिकायती-पत्र के पाँच नमूने लिखिए।
- ✱ निम्नलिखित विषयों पर फीचर लेखन कीजिए -
क) बच्चों में आत्म-विश्वास
ख) बस्तों का बढ़ता बोझ
ग) महानगर की शोर पलायन की समस्या।

Part -2 :-

Write all the formula & definition of the chapters 1, 2 & 3 and also learn it.

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Class XII
Summer Vacation 2023

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(Topic: Employment in India 2022, Freedom of Speech, Parent Teacher's Meeting and Use of Social Media Platform by Youth, Parent's Expectation after 10+2 Exam)

Instructions for preparing Project work:

- a) Project must be made in **Project file** of good quality. Cover page must contain project name, subject name, session, subject teacher's name, name of students etc. in *beautiful handwriting*. (½ mark assigned)
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ग्रिष्मावकाश गृहकार्य 2023

कक्षा - नारहवीं

विषय - हिंदी

शिक्षक - रामविष्णु. पीजीटी (हिंदी)

- ✱ विभिन्न माध्यमों के लिए लेखन
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- ✱ शिकायती-पत्र के पाँच नमूने लिखिए।
- ✱ निम्नालिखित विषयों पर फीचर लेखन कीजिए -
क) बच्चों में आत्म-विश्वास ख) कस्तूरी का बढ़ता बोझ
ग) महानगर की ओर पलायन की समस्या।

Holiday home work for summer Vacation 2023-24

Sub- Informatics Practices

Class XIIA 2023-24

Write notes on the following topics-

Introduction to Computer Networks

Introduction to networks, Types of network: PAN, LAN, MAN, WAN.

Network Devices: modem, hub, switch, repeater, router, gateway

Network Topologies: Star, Bus, Tree, Mesh.

Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website.

Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.

Societal Impacts

Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyberbullying, overview of Indian IT Act.

E-waste: hazards and management.

Awareness about health concerns related to the usage of technology.

SUMMER VACATION HOLIDAY HOMEWORK

CLASS XII B

ACCOUNTANCY

1. If a fixed amount is withdrawn on the first day of every quarter, for what period of interest on total drawings will be calculated?
2. Distinguish between fixed and fluctuating capital account on the basis of credit balance?
3. A group of 40 people wants to form a partnership firm. They want your advice regarding the maximum number of persons that can be there in a partnership firm and the name of the Act under whose provisions it is given?
4. In the absence of partnership deed, at which rate interest is allowed on a partners loan?
5. Goodwill is an asset, but not a asset.
6. A and B were partners sharing profits & losses in the ratio of 5:3. On 1st April 2014, their capital accounts showed balances of ` 3, 00,000 & `2, 00,000 respectively. Calculate the amount of profit to be distributed between the partners if the partnership deed provided for interest on capital @ 10% per annum and the firm earned a profit of `45000 for the year ended 31st March 2015.
7. M and N are partners sharing profits & losses in the ratio of 2:3. On 1st April 2015, their capital accounts showed balances of ` 70,000 & `60,000 respectively. The drawings of M & N during the year 2015-16 were `16,000 & `12,000 respectively. Both the amounts were withdrawn on 1st January 2016. It was subsequently found that the following items had been omitted while preparing final accounts for the year ended 31st March 2016.
 - (a) Interest on capitals @6% p.a.
 - (b) Interest on drawings @6% p.a.
 - (c) M was entitled to a commission of `4,000 for the whole year.

Show your workings clearly and pass necessary adjustment entry in the books of the firm.

8. W, X and Y are partners sharing profits & losses in the ratio of 2:2:1. X was guaranteed a minimum profit of `10, 00,000. The firm earned a profit of `17, 50,000 for the year ended 31st March 2021. Pass journal entries and prepare profit & loss appropriation a/c.
9. An existing firm had assets of `4,00,000 including cash of `15000. Its creditors amounted to `20000 on that date. The partners' capital account showed a balance of `300000 and reserves amounted to `80000. If the normal rate of return is 10% and the Goodwill of the firm is valued at `75000 at three years purchase of super profit find average profit of the firm.
10. X, Y and Z are partners sharing profits & losses in the ratio of 5:4:1. It is now agreed that they will share future profits in the ratio of 3:3:4. Goodwill is valued at `1, 00,000. You are required to pass a single journal entry for the treatment of goodwill.

11. A B and C are partners in firm manufacturing furniture. They have been sharing profit and losses in the ratio of 5:3:2. From 1st April 2017 they decided to share future profits & losses in the ratio of 2:5:3. Their balance sheet shows a Debit balance of ₹ 4000 in profit and loss account; balance of ₹36000 in general reserve and a balance of ₹12000 in workmen's compensation reserve. It was agreed that—

- (a) The Goodwill of the firm be valued at ₹76000.
 - (b) The stock (book value of ₹40,000) was to be depreciated by 8%.
 - (c) Creditors amounting to ₹900 were not likely to be claimed.
 - (d) Claim on account of workmen compensation amounted to ₹20,000.
 - (e) Investments (book value ₹38000) were revalued at ₹40,000. Pass necessary journal entries for the above.
12. What is meant by reconstitution of partnership firm?
13. How does the factor efficiency of management affect the goodwill of the firm?
14. Distinguish between sacrificing ratio and gaining ratio?
15. State any three circumstances when need for valuation of goodwill of a firm may arise?
16. Give two circumstances in which sacrificing ratio may be applied?
17. State the ratio in which the partners share profits or losses on revaluation of Assets and liabilities when there is a change in profit sharing ratio among the existing partners?
18. How are the accumulated profits and losses distributed when there is change in profit sharing ratio amongst the existing partners?
19. Assertion (A): Rent payable to a partner is debited to profit & loss a/c and not debited to profit & loss appropriation a/c.
Reason(R): Rent payable to a partner is a charge against profits and not an appropriation of profit hence, it is debited to profit & loss a/c.

Codes:

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

20. Assertion (A): A minor cannot be admitted in a firm as a partner.

Reason(R): A minor can participate in the profits of the firm.

Codes:

- (a) A is correct but R is wrong.
- (b) Both A and R are correct.
- (c) A is wrong but R is correct.
- (d) Both A and R are false.

21. Accountancy Project work:-

Write any 30 transactions pass necessary journal entries, post them into ledger, prepare trial balance and prepare trading and profit and loss account.

SMMER VACATION UHOLIDAY HOMEWORK

CLASS XII B

BUSINESS STUDIES

1. Explain how management increases efficiency and helps in the development of society?
2. In your school, you observe that books are kept in office, chinks in the library and office records in the staff room.
 - (a) Which principle of management is violated here and why?
 - (b) How will that affect the achievement of school objectives?
 - (c) As a manager, what steps will you take to rectify the shortcomings?

3. The production manager of Harsh Ltd. instructs a salesman to go slow in selling the product, where the marketing manager is insisting on fast selling to achieve the target. Which principle of management is being violated in this case?
4. Radhika opens a jewelry showroom in Jaipur after completing a course in jewelry designing. She has employed eleven persons in her showroom. For greater productivity, she divides the work into small tasks and each employee is trained to perform his/her specialized job. The sales persons are allowed to close a deal with a buyer by giving a maximum of 10% discount, whereas the decision to give any further discount rests with Radhika as the final authority. In the earlier days of starting of the business, five of her employees were asked to put in extra hours of work. In return she had promised to give them a special incentive within a year. Therefore, after six months when the business was doing well, she awarded a cash bonus to each of these employees to honour her commitment. However, when it comes to settling the conflicts among her employees, she tends to be more biased towards her female employees. In context of the above case:
 - (a) Identify and explain the various principles of management that are being applied by Radhika by quoting lines from the paragraph.
 - (b) Identify and explain the principle of management which is being violated by Radhika by quoting lines from the paragraph.
 - (c) State any one effect of the violation of the principle of management by Radhika as identified in part (b) of the question.
5. List any two social objectives of business?
6. How does coordination ensure unity of action?
7. Coordination is the essence of management. Explain.
8. Isheeta Mukherjee has recently joined AMV Ltd, a company manufacturing refrigerators. He found that his department was understaffed and other departments were not cooperating with his department for smooth functioning of the organisation. Therefore, he ensured that his department has the required number of employees and its cooperation with other departments is improved.
 - (a) Identify the level at which Isheeta Mukherjee is working?
 - (b) Also, state three more functions to be performed by Isheeta Mukherjee at this level?
9. "Management is regarded as fully developed profession".Do you agree? Give reasons.
10. Why did Fayol introduced the concept of Gang plank in the principle of scalar chain?
11. Which technique of Taylor act as the strongest motivator for a worker to reach standard performance?
12. State the role of gang boss in functional foremanship?
13. Explain any four points which highlights the importance of principles of management?
14. State how the management principles are flexible?

15. Distinguish between time study and motion study?

EconomicsSummer Holiday Homework class - 12.B.C

- income of
1. Construct a survey on small and marginal farmers, domestic workers income and their contribution in GDP.
 2. Prepare a list of goods and services that were available to the people in pre-independence India in rural and urban areas. Compare it with consumption pattern of such goods and services by the people today. Highlight the perceptible difference in people's standard of living.
 3. Collect some pictures of towns and villages and compare the differences that you observe. Are such differences can be justified after completing 75 years of independence.
 4. State the causes and remedies of following economic issues :
 - (i) Low level of demand.
 - (ii) Excess supply of the money.
 - (iii) Growth of ~~up~~ unproductive population.
 - (iv) Free distribution of goods among the people.
 - (v) Deficit Budgeting.
 5. What was the impact of developmental project of a nation on its economy ?

Economics
Summer Holiday Homework class - 12^{B&C}

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Καλινδρα Κυμαρ/Ενγλιση Χορε / Χλασσ ΕΠ 23-24

ग्रीष्मावकाश गृहकार्य 2023

कक्षा - बारहवीं

विषय - हिंदी

शिक्षक - रामविभास. पीजीटी (हिंदी)

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ग) महानगर की और पलायन की समस्या।

CLASS XII C

Sub. - History

SECTION A - READING

Read the chapters given below and note down important points/key words.

* Text Book I - Chapter 2, 3, 4

* Text Book II - Chapter 5, 6 & 7

SECTION B - WRITING

Answer the questions - (in 300 -350 Words)

1. Describe the salient features of Mahajanpada. (Chapter 2)
2. List some of the problems faced by epigraphs. (Chapter 2)
3. Discuss whether the Mahabharata could have been the work of a single author. (Chapter 3)
4. Explain the language and content of Mahabharata. (Chapter 3)
5. Discuss how and why stupas were built. (Chapter 4)

6. **MAP WORK**

On the political map of India, mark and label the following places.

Harappan sites - Rakhigarhi, Banawali, Lothal, Kalibanga, Nageshwar, Dholavira, Rangpur

Major Buddhist sites - Lumbini, Sarnath, Bodh Gaya, Sanchi, Nasik, Amravati, Ajanta

1. महाजनपद की प्रमुख विशेषताओं का वर्णन कीजिए। (अध्याय दो)
2. पुरालेखों के सामने आने वाली कुछ समस्याओं की सूची बनाइए। (अध्याय दो)
3. चर्चा करें कि क्या महाभारत किसी एक लेखक की कृति हो सकती है। (अध्याय 3)
4. महाभारत की भाषा और सामग्री की व्याख्या करें। (अध्याय 3)
5. चर्चा कीजिए कि स्तूपों का निर्माण कैसे और क्यों किया गया। (अध्याय 4)

6. **मानचित्र**

भारत के राजनीतिक मानचित्र पर निम्नलिखित स्थानों को चिन्हित कर अंकित कीजिए।

हड़प्पा स्थल –

राखीगढ़ी, बनावली, लोथल, कालीबंगा, नागेश्वर, धोलावीरा, रंगपुर

प्रमुख बौद्ध स्थल -

लुंबिनी, सारनाथ, बोधगया, सांची, नासिक, अमरावती, अजंता

Holiday Homework

Subject—SOCIOLOGY

Class--XII

Sociology project-

Prepare the given sociology project as per the CBSC guidelines.prepare a rough draught on anyone of the following topics the Rough draught should have complete and detailed along with the critical analysis of the topics.

topics for project Some suggested work are:-

- 1.Cast system
- 2.Social Inequality
- 3.Family and Marriage
- 4.Cast Movement in India
- 5.Globalisation
- 6.Female infanticide
- 7.Dowry System
- 8.Role of mass media
- 9.Kinship
- 10.Sociology and Society

Student should prepare the Sociology project under the following Headings

- a. Acknowledgement
- b. Index
- c. Cover page
- d. Project synopsis
- e. Date/ Statistical analysis
- f. Analysis /Explanation and Interpretation
- g. conclusion e. Bibliography

