

Navyug Vidyalaya, Bhagalpur

Class-VII

Assignment-IV Session (2020-21)

(Summer Vacation) Subject- English BANANI MITRA MAM 6202320368

I. Answer these questions:

- (i) What did the Gymkhana grounds look like after Gaiety Land arrived in the town?
- (ii) How did the people behave once it became known that the narrator had won a road engine?
 - (iii) Which rule was relaxed for the narrator and why?
 - (iv) What notice did the municipality send the narrator?
 - (v) How did nature act as a saviour to the narrator?
- Read these lines and answer the questions with reference to the context. II.
 - 1. I thought that my troubles were coming to an end.
 - (a) Who says this?
 - (b) Why did he think his troubles were coming to an end?
 - (c) Was he proved right?
 - 2. Someone slapped me in the face.
 - (a) Who slapped the narrator?
 - (b) What caused this action?
 - (c) What finally happened?
 - 3. I saw the priest of the local temple and managed to gain his sympathy. He offered me the services of his temple elephant.
 - (a) What did the narrator plan to do with the elephant?
 - (b) When did he engage as the driver of the road engine?
 - (c) Describe the disaster that occurred as a result of the narrator's efforts.
 - 4. I really could not find any means of paying these bills. When I went home, my wife asked," What is this I hear about you everywhere?" I took the opportunity to explain my difficulties.
 - (a)Which bills was the narrator supposed to pay?
 - (b) What was his wife's reaction to his situation?
 - (c) What did the narrator plan to do in despair?
- III. Complete these sentences with the binomial phrases (given in the box) that match with the words in brackets.

high and might	loud and clear	safe and sound
rise and shine	spic and span	pros and cons

- Megha tidied her room. It looked_____. (clean)
 "Wake up, Raghee. It is time to _____".(get up from sleep and be lively)
- 3. Though it was late, Jack reached home_____(unharmed)
- 4. He weighed the ______before taking a decision. (both sides of a matter)
- 5. How did you make a mistake? The instructions were_____. (understandable)
- 6. After winning the contest, Ravi has become very_____.(thinking one is more important than others)
- IV.
- Pick out the pronouns in the following sentences, and say whether they are reflexive or emphatic.
 - (i) I have hurt myself.
 - (ii) I myself burnt the papers.
 - (iii) The principal himself spoke to children.
 - (iv) The old woman lived all by herself.
 - (v) God helps those who help themselves.
 - (vi) History repeats itself.
 - (vii) He himself is sorry for being rude.

(viii) He couldn't control himself.

(ix) You yourself are to blame for this.

- (x) Paul, do it yourself.
- V. Fill in the blanks with suitable relative pronouns.
 - (i) Here is the tea-set_____I bought yesterday.
 - (ii) Shillong was the first hill station_____I visited.
 - (iii) God helps those_____help themselves.
 - (iv) Teachers like the student_____works hard.
 - (v) The lady gave us this letter_____house is nearby.
 - (vi) Take the book______is lying on the table.
- VI. Fill in the blanks with suitable demonstrative pronouns.

(i)_____is my tiffin, _____is yours.

(ii) ______were her actual words.

(iii)Both essays are good, but his one is better that_____

(iv)The streets of New Delhi are wider than______of old Delhi.

(v) _____is the table I purchased last year.

(vi) ______flowers are lovelier than _____

Subject- Maths DILIP KUMAR THAKUR SIR 9534351486

Solve the questions:-

- 1. Convert :- 8km to m.
- 2. Divide 8.45 ÷10
- 3. Find the value of $0.063 \div 3$
- 4. Find the value of $0.6 \div 2$
- 5. Multiple 49.87 X 100
- 6. Add: 6.75, 4.3, 2.913
- 7. Find the value of $\frac{5}{8}$ of 20m
- 8. Find the product of $:\frac{3}{5}x\frac{15}{16}x\frac{4}{7}$
- 9. Write four equivalent relational number. $\frac{3}{5}$
- 10. Express rational number in standard form $\frac{-18}{-24}$
- 11. Fill in the blank

$$\frac{-3}{4} = \frac{1}{12} = \frac{1}{28}$$

- 12. Which of the two rational numbers greater? $\frac{-7}{12}$ or $\frac{5}{12}$
- 13. Which two rational numbers is smaller? $\frac{-5}{8}$ or $\frac{3}{-8}$
- 15. Add the rational number $\frac{5}{6}$ and $\frac{2}{3}$
- 16. Add the rational number $\frac{2}{7}$ and $\frac{3}{7}$
- 17. Subtract the first rational number from second number $\frac{2}{7}, \frac{5}{7}$
- 18. Multiply :- $\frac{-7}{15}$ by $\frac{5}{-14}$

19. Multiply :-
$$\frac{-9}{13}$$
 by $\frac{65}{-3}$

20. Multiply :-
$$\frac{-9}{7}$$
 by - 14

- Write the reciprocal of $\frac{-10}{21}$ 21.
- Divide $\frac{1}{-4}$ by $\frac{1}{12}$ 22.
- Express rational numbers as decimal $\frac{1}{4}$ 23.
- Simplify $\left|\frac{-4}{9}\right|$ 24.
- Simplify $\frac{-8}{14} \times \frac{7}{2}$ 25.

Subject- Physics RAHUL KUMAR SIR 9939729373

- Q1. The radiators in cars are painted black. Explain why?
- Q2. Shopkeepers selling ice blocks usually cover them with jute socks. Explain why?
- Q3. Why is mercury used as thermometric liquid?
- Q4. What are the different scales of measuring temperature? Name them
- Q5. While constructing a house in a coastal area, in which direction should the windows prefer ably face and why?
- A circular metal loop is heated at point O as shown in figure Q6.



(a)In which direction, would heat

Flow in the loop?

(b) In which order, the pins at p, q and r fixed with the help of wax fall if o, P, Q and R are equidistant from each other

- Q7. The mercury does not fall or rise in a clinical thermometer when taken out of the mouth. Explain why?
- Q8. If a pan is removed from the fire, then why does it cool down?
- Q9. Name the mode of transfer of heat in which medium is not required
- Q10. Why is it advised not to hold the thermometer by its bulb while reading it?
- Mention one application of kink in the clinical thermometer. Q11.
- How does the heat travel in air? Q12.
- Q13. Is the body temperature of every person 37°c? Explain.
- Define uniform and non- uniform motion with graph Q14.
- Q15. What is motion? Describe its various kinds.

Subject-Chemistry HARE RAM PRASAD GUPTA SIR 9572224366

[A] Say True or False:

Melting of ice is a chemical change. 1.

- Burning of a fuel is physical change. 2.
- 3. A chemical change is a permanent change.
- 4. Energy is evolved or absorbed during a chemical change.
- The change in which one or more new substances formed is called physical change. 5.
- [B] Short Answer type (SA) :
- What kind of change is shown in by tearing of paper? 6.
- Melting of wax is a change where a solid changes to liquid state. 7.
- Give one example of a physical change which occurs by the action of heat. 8.
- What colour of flame is observed when magnesium ribbon burnt in air? 9.
- How can you say that ripening of a fruit is a chemical change? 10.
- Is souring of milk a physical or a chemical change? Why? 11.
- 12. Complete the following equation:-

 $Mg+O_2 \rightarrow ------$

- What is nature of magnesium oxide solution? 13.
- Write any two differences between physical and chemical changes. 14.
- 15. The process of digestion is a chemical change, why?

[C] Long Answer type (LA):

- Which type of change takes place in the following? 16. Burning of a candle, lightning of a bulb, burning of LPG, evaporation of petrol, volcanic eruption.
- Why cannot a chemical change be normally reversed? 17.
- Give an example of a chemical reaction for each of the following situations: 18.
 - (a) A change in colour is observed.
 - (b) A gas is evolved.
- 19. (a) What are physical properties?
 - (b) Define physical change.
- What happens when an iron blade of a knife is dipped in a copper sulphate solution? 20.

Subject-Biology **PUJA PAHEL MAM 9955605530**

Choose the correct answer

- 1. All green plants are
- a. Heterotrophs b. autotrophs d. symbiotic c. parasites 2. With iodine solution starch turns
- - a. Yellow b. blue-black c. green d. black
- 3. Carbon dioxide is taken in from the atmosphere by the plants through
- d. all of these a. Roots b. stem c. leaves
- 4. Which of the following is a saprophyte?
 - b. lichens c. mushroom a. Amarbel d. none of these
- 5. Stomatal opening is surrounded by
 - a. Guard cells c. epidermal cells b. stomata d. chloroplast

Answer the following

- 6. What is a cell?
- 7. What are the main components present in carbohydrates?
- 8. What is cell membrane?
- 9. Draw a labelled diagram of cell showing nucleus and cytoplasm.
- 10. Name a plant that has both autotrophic and heterotrophic mode of nutrition.
- 11. Sun is the ultimate source of energy for all living organisms. True/False.
- 12. State the equation for the process of photosynthesis.
- 13. Carbon dioxide is released during photosynthesis. True/False.

- 14. During photosynthesis solar energy is converted into chemical energy. True/False.
- 15. Parasite do not contain chlorophyll. True/False.
- 16. Photosynthesis in the plants like cactus takes place in roots. True/False.
- 17. Chlorophyll traps sunlight for photosynthesis. True/False.
- 18. Plants requires a lot of potassium to make proteins True/False.

Subject-History ASARI MARIA SALOMIN MAM 9470019455

- Give short answer for the following questions: Q1.
 - 1. Explain the origin of Rajpurts.
 - 2. Which ruling dynastic engaged in a tripartite struggle to control kanacy? Give resasons.
 - 3. What do you know about chola sculpture?
- Q 2. Give long answers for the following questions:
 - 1. Describe the military achievements of Rajaraja chola and Rajendra chola.
 - 2. What do you know about chola administration?
 - 3. Write a short note on the reginal kingdoms of the deccan.

Subject-Civics

ASARI MARIA SALOMIN MAM 9470019455

- Give long answer for the following questions: Q1.
 - 1. Why is a secret ballot an essential feature of democratic elections?
 - 2. Write a note on the officers on election duty.
 - 3. Write three functions of a political party.
 - Why are opposition parties important for the smooth running of a democracy? 4.

Subject- Geography GUNA NAND JHA SIR 9431872861

- Q.1 What do you know about the structure of the earth?
- Q.2 Distinguish between crust and core.
- Q.3 How are metamorphic rocks formed?
- Q.4 Explain the working of the rock cycle.
- Q.5 What are the main characteristics of sedimentary rocks?
- Q.6 Distinguish between Focus and epicenter.
- Q.7 What is Pangaea?
- How many Types of volcanoes: give example. Q.8
- Q.9 Explain Wegener's theory of continental drift.
- Q.10 Explain how earthquakes occur.
- Q.1 Match the columns :

Column A

- Column B
 - a) Richter scale b) Dormant volcano
- 2. Earthquake Supercontinent
- 3. Ring of Fire

1. Pangaea

- c) d) Pacific ocean
- 4. Sleeping volcano

Subject- Hindi REKHA DAS MAM 9931066512

बच्चों के लिए निर्देश :--दिए गए प्रोजेक्ट –4 को यथाशीघ्र जमा करना अनिवार्य है। 1. प्रोजेक्ट के हर पेजन के ऊपर बच्चे अपना नाम, वर्ग, खण्ड, एडमिशन नंबर और प्रोजेक्ट नंबर अनिवार्य रूप से 2. लिखें । निम्नलिखित प्रश्नों के सही उत्तर वाला विकल्प बताइए– 1. (क) कवि ने हमें 'प्रभात की नई किरण' क्यों कहा है? (i) हम नई आशा जगाते हैं। (ii) हमारा जीवन चमकदार है। (iii) हमारे विचार नए हैं। (iv) हमने प्रकाश का आविष्कार किया है। (ख) भारत के सैनिकों की विशेषता है– (i) वे धैर्यवान होते हैं। (ii) वे वीर हैं। (iii) उनमें दृढ़ता है। (iv) उपर्युक्त सभी (ग) 'छाँह सभी को देते हैं' का अर्थ हैं। (i) भारत में घने पेड वाले जंगल हैं। (ii) हम शांति के दूत हैं। (iii) भारत सबको सहारा देने को तैयार रहता है। (iv) उपर्युक्त सभी (घ) घास की रोटियाँ किसने खाई थीं? (i) शिवाजी ने (ii) सैनिकों ने (iii) राणा प्रताप ने (iv) जंगल में रहने वालों ने निम्नलिखित प्रश्नों के उत्तर दीजिए– 2. (क) 'हम' से कवि का संकेत किसकी ओर है? (ख) वीर-प्रसू माँ कौन हैं ? उसे 'वीर-प्रसू' क्यों कहा गया है? (ग) 'हम हैं, शांति–दूत धरणी के' कवि ने ऐसा क्यों कहा है? दिए गए शब्दों के अर्थ लिखें– 3. प्रभात, आलोक, नवल, धीर, धरणी, वीर–प्रसू 'प्रभात की नई किरण' कविता के रचयिता कौन हैं? 4. निम्नलिखित प्रश्नों के उत्तर लिखें:--5. (क) कबूतर सभी के स्नेह का पात्र क्यों रहा है? (ख) अधिकांश कबूतर किस रंग के होते हैं? (ग) अब तक कबूतरों की कितनी प्रजातियाँ नष्ट हो चुकी हैं? (घ) पाठ में गोल-गोल नाच रहे कबुतर को क्या कहा गया है? निम्न प्रश्नों के संक्षिप्त उत्तर दें:--6. (क) विशेष उत्सवों पर कब्तरों को क्यों उडाया जाता है? (ख) 1950 में रॉयटर ने कौन–सी डाक सेवा शुरू की? (ग) 'डिकिल मैडल' कब और किस कबूतर को दिया गया था? (घ) लेखक इस पाठ के माध्यम से हमें क्या संदेश देना चाहते हैं? दिए गए शब्दों को पाँच-पाँच बार लिखें:-7. प्रशंसक, शांति, छिहत्तर, प्रतियोगिता, प्रजातियाँ कोष्ठक में दिए निर्देशानुसार उत्तर लिखिए-8.

- (क) प्रतियोगिता, जाति, शक्ति, किस्सा (बहुवचन)
- (ख) बुद्धिमान, कबूतर, साथी, मित्र (लिंग बदलें)
- (ग) 49, 96, 13, 15 (शब्दों में लिखें)
- (घ) मित्र, स्नेह, सम्मान, आकाश (विपरीतार्थक शब्द)
- (ड.) प्रसन्न, शिकारी, मित्र, खेलना (भाववाचक संज्ञा लिखें)
- (च) प्रजाति, विशेष, परिणाम, असंभव (उपसर्ग व मूलशब्द)
- (छ) सम्मानित, जहरीला, बुद्धिमान, चुनाव (प्रत्यय व मूलशब्द)
- (ज) सौ वर्षों का समूह, जिसे पुरस्कार प्राप्त हुआ (अनेक शब्द के एक शब्द)

Subject- Sanskrit (PRAMOD JHA 9006501163)

- 1. वाक्यों में प्रयुक्त शब्दों का क्रिया के साथ संबंध प्रकट करने वाले शब्दों का क्या कहते है? लिखें?
- कर्ता द्वारा की हुई क्रिया के विषय को क्या कहते हैं? लिखें।
- 3. संस्कृत में स्वर वर्ण कितने होते हैं? लिखें।
- संस्कृत में वर्णविच्छेद और वर्ण संयोजन किसे कहते हैं? एक–एक उदाहरण लिखिए।
- 5. संस्कृत में कारको के लिए चिह्न तथा विभक्ति लिखें।
- संयुक्त व्यञ्जन किसे कहते हैं? लिखें।
- 7. बालक शब्द रुप लिखें।
- खाद् धातु के लड्.लकार रुप सभी पुरुषों तथा वचनों में लिखें।
- 9. संस्कृत में उत्तर दीजिए–
 - i) अशोकेन सह वनभोजाय के अगच्छन्?
 - ii) जनाः उद्याने कथं दृष्यन्ति?
 - iii) यदा अध्यापिका आगच्छति तदा छात्राः किम् कुर्वन्ति?
 - iv) बालिकाः कष्याः संस्कृतं पठन्ति?
 - v) अध्यापिका सुनीरा कथं न दण्डयति?
- 10. एक पद में उत्तर दीजिए।
 - i) छात्राः कुत्र पठन्ति?
 - ii) छात्राः कासु आविशन्ति?
 - iii) अध्यापिका कुत्र प्रविशति?
 - iv) मञ्जूषा कुत्र असित?
 - v) सुनीता काः आनयति?
 - vi) शिक्षिका कष्याः अभयासयुस्ति का पश्यति?
 - vii) सुनीरा कथं कार्यं करोति?
- 11. वन्दना अर्थ सहित लिखें।

12. मञ्जूषा में दिए गए उचित क्रिया पद द्वारा रिक्त की पूर्ति कीजिए-

(वदति, प्रविशति, उपविशन्ति, उतिष्ठन्ति, वदन्ति, पाठयति)

छात्राः_____ उपविश्कति । अधयापिका कक्षायाम्____ । छात्राः_____ अध्यापिका च नमन्ति । ताः____

i) चिन्तां मा कुरु।

- आर्ये सुप्रभातम् अध्यापिका_____ । सुप्रभातम् उपविशता । सा बालिकाः संस्कृतं पाठयति ।
- परस्पर मेल कीजिए–
 क) अल कोलाहलेन।
 - ख) अलं कलहेन। ii) कोलाहलं मा कुरु।
 - ग) अलं चिन्तया। iii) विवादं मा कुरु। घ) अलं चिन्तया। iv) वार्त्तालापं मा कुरु।
 - ङ्) अलं वार्त्तालायेन्। v) कलहं मा कुरु।

Students are instructed to complete the assignment-4(Summer Vacation) carefully and submit it till 5th July,2020 on the Whatsapp no. of your respective subject teachers. It is compulsory to attempt all questions.

In case of any doubt, you can call the concerned subject teacher on the provided contact number. The marks obtained will be counted in your Internal Assessment. For any problem related to school app or downloading of assignment please contact: - 9470283176