



# SUMMER VACATION Holiday Homework Grade - X





Summers again and its time for a break. Let us break the monotony of doing the home assignments by completing them under the guidance of their teachers and parents. **The summer vacation begins from 27<sup>th</sup> May,2022 and school will reopen on 4<sup>th</sup> July,2022. Parents can download holidays homework from school's website i.e [www.lotusvalley.edu.in](http://www.lotusvalley.edu.in) or Ecare- App.**

Here are few suggestions for parents:-

- Make sure that you are spending quality time with your wards. It is very important to keep their anxiety at minimum.
- Giving them small responsibilities in household chores will aid them to be independent.
- Teach them the importance of moral values in their life.

Also students can :-

- Read book, May it be fairy books, encyclopedia or comic books. Explore the imaginative world and go on a fantasy tour.
- Run, exercise, sweat! Channelize your energy and enjoy playing indoor games.
- Enhance communication skills by conversing with your friends and family in English.
- Explore the culture and heritage of the world by visiting heritage sites virtually. Download the app "Google Earth" and enjoy virtual tours around the Earth.

**Wish you all a fun filled, safe and healthy holidays ahead!**



### Instructions for completing assignments-

- All the assignments are to be done in subject notebook with proper date and headings.
- The written part should be neatly presented in student's handwriting. Take the help of your parents if necessarily required.
- Remember a well presented 'Holiday Homework' fetches your marks and appreciation of your teachers and classmates. It carries 10 marks.
- Revise all the work done in class till date.

### ENGLISH

1. Module-I

Homework assignment 1,2,3,4

2. Module-II

Homework assignment 10,11,12,13

3. Module-V

Homework assignment 27,28

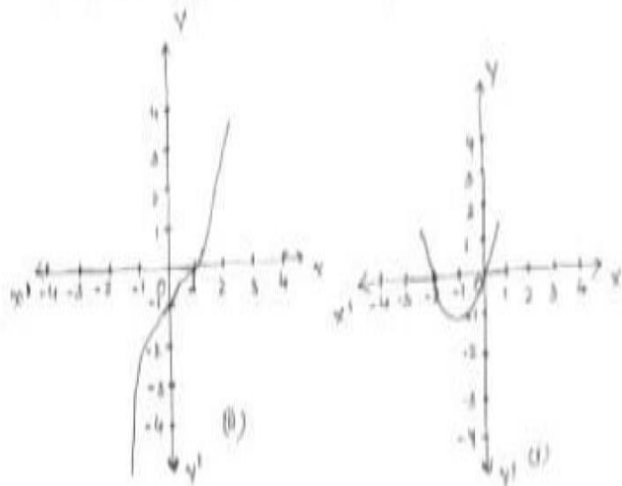
### MATHS

#### Assignment-1

Write 5 practicals in lab manual discussed in class.

## Level -I

1. Find the value of zeroes of the polynomials  $p(x)$  as shown in the graph and hence find the polynomial. (CBSE 2014-15).



2. Let  $\alpha$  and  $\beta$  are the zeroes of a quadratic polynomial  $2x^2 - 5x - 6$  then form a quadratic polynomial whose zeroes are  $\alpha + \beta$  and  $\alpha\beta$ . (CBSE 2011)

3. Check whether  $x^2 + 3x + 1$  is a factor of  $3x^4 + 5x^3 - 7x^2 + 2x + 2$ ?  
(CBSE 2010)
4. Can  $(x-7)$  be the remainder on division of a polynomial  $p(x)$  by  $(7x + 2)$ ? Justify your answer(CBSE 2010)
5. What must be subtracted from the polynomial  $f(x) = x^4 + 2x^3 - 13x^2 - 12x + 21$ , so that the resulting polynomial is exactly divisible by  $x^2 - 4x + 3$ ? (CBSE 2013)
6. Write the degree of zero polynomial?
7. Find the zeroes of a quadratic polynomial  $6x^2 - 7x - 3$  and verify the relationship between the zeroes and the coefficients? (CBSE 2014-15)
8. Find the quadratic polynomial sum of whose zeroes is  $2\sqrt{3}$  and their product is 2?(CBSE 2008)

## Level II

9. If the sum of squares of the zeroes of the polynomials  $6x^2 + x + k$  is  $\frac{25}{36}$ , find the value of  $k$ ? (CBSE 2014-15)
10. If one zero of the quadratic polynomial  $f(x) = 4x^2 - 8kx - 9$  is negative of the other, then find the value of  $k$ ?(CBSE 2014-15)
11. Find the values of  $k$  for which the quadratic equation  $9x^2 - 3kx + k = 0$  has equal roots. (CBSE 2014)
12. On dividing  $3x^3 - 2x^2 + 5x + 5$  by the polynomial  $p(x)$ , the quotient and remainder are  $x^2 - x + 2$  and  $-7$  respectively. Find  $p(x)$ ?(CBSE 2013)
13. Find all the zeroes of the polynomial  $x^4 + x^3 - 9x^2 - 3x + 18$ , if two of its zeroes are  $\sqrt{3}$  and  $\sqrt{-3}$ . (CBSE 2010,13)
14. If  $\alpha, \beta$  are zeroes of the quadratic polynomial  $p(x) = x^2 - (k - 6)x + (2k + 1)$ . Find the value of  $k$  if  $\alpha + \beta = \alpha\beta$ . (CBSE 2010)
15. If the zeroes of the polynomial  $x^2 - 5x + k$  are the reciprocal of each other, then find the value of  $k$ ? (CBSE 2011)
16. If  $\alpha$  and  $\beta$  are zeroes of the quadratic polynomial  $x^2 - 6x + a$ , find the value of  $a'$ . If  $3\alpha + 2\beta = 20$ .(CBSE 2010)

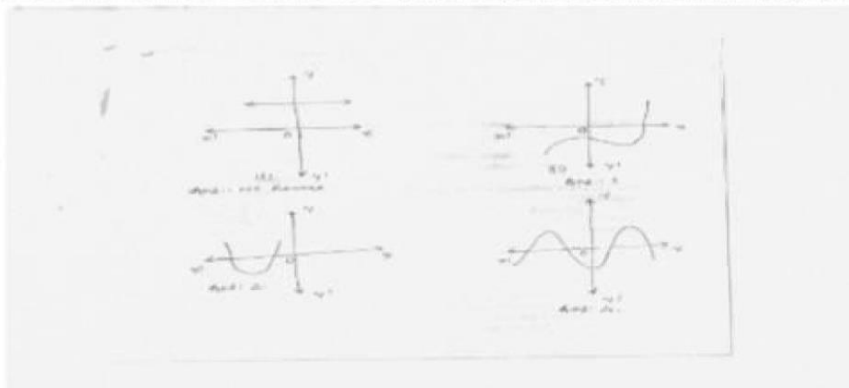


### LEVEL III

17. On dividing  $3x^3 + 4x^2 + 5x - 13$  by a polynomial  $g(x)$ , the quotient and remainder are  $3x + 10$  and  $16x - 43$  respectively. Find the polynomial  $g(x)$ . (CBSE 14-15)
18. If  $-5$  is a root of quadratic equation  $2x^2 + px - 15 = 0$  and the quadratic equation  $p(x^2 + x)k = 0$  has equal roots, find the value of  $k$ . (CBSE 2106)
19. If  $\alpha, \beta$  and  $\gamma$  are zeroes of the polynomial  $6x^3 + 3x^2 - 5x + 1$ , then find the values of  $\alpha^{-1} + \beta^{-1} + \gamma^{-1}$ . (CBSE 2010)
20. Form a cubic polynomial whose zeroes are  $3, 2$  and  $-1$ . Hence find
- Sum of its zeroes
  - Sum of the product, taken two at a time
  - Product of its zero.

### (SELF EVALUATION QUESTIONS)

21. Find the number of zeroes of  $p(x)$  in each case, for some polynomials  $p(x)$ .



22. If  $\alpha$  and  $\beta$  are the zeroes of the equation  $6x^2 + x - 2 = 0$ , find  $\frac{\alpha}{\beta} + \frac{\beta}{\alpha}$
23. If one of the zeroes of the polynomial  $2x^2 + px + 4 = 0$  is  $2$ , find the other zero, also find the value of  $p$
24. If one zero of the polynomial  $(a^2 + 9)x^2 + 13x + 6a$  is reciprocal of the other. Find the value of  $a$ . (All India)

### Value Based Questions

25. If  $\alpha$  be the number of person who take junk food,  $\beta$  be the person who take food at home and  $\alpha$  and  $\beta$  be the zeroes of quadratic polynomial  $f(x) = x^2 - 3x + 2$ , then find a quadratic polynomial whose zeroes are  $\frac{1}{2\alpha+\beta}$  and  $\frac{1}{2\beta+\alpha}$ , which way of taking food you prefer and why?
26. If the number of apples and mangoes are the zeroes of the polynomial  $3x^2 = 8x - 2k + 1$  and the number of apples is 7 times the number of mangoes, then find the number of zeroes and value of  $k$ . What are benefits of fruits in our daily life?

## Assignment-2

- Solve graphically the following pairs of linear equations:
  - $2x - y = 4$   
 $3y - x = 3$  Also, find the coordinates of the points where these lines intersect the 2 axes.
  - $2x + 3y = 12$   
 $x - y = 1$  Shade the region (area) between the 2 lines and x axis.
- Find graphically the coordinates of the vertices of a triangle whose sides have the equations:
  - $y = x$ ,  $y = 0$  and  $2x + 3y = 30$
  - $2y - x = 8$ ,  $5y - x = 14$  and  $y - 2x = 1$
  - $y = x$ ,  $3y = x$  and  $x + y = 8$
- Plot a graph for each of the following pairs of equations and shade the region bounded by the 2 lines and the x-axis.
  - $x - y + 1 = 0$
  - $4x - 3y + 4 = 0$
  - $2x + y = 6$
  - $x + y = 5$
  - $2x + y - 10 = 0$
  - $4x + 3y - 20 = 0$
  - $2x - y + 2 = 0$
  - $2x - y + 2 = 0$
- Solve the following pair of linear equations graphically:  $3x + y - 11 = 0$ ;  $x - y - 1 = 0$   
Shade the region bound by these lines and the axis of y.
- Solve each of the following pairs of linear equations graphically:
  - $5x - 6y + 30 = 0$
  - $3x - 4y + 6 = 0$
  - $5x + 4y - 20 = 0$
  - $3x + y - 9 = 0$
- Solve the following pairs of equations:
  - $5m - 5n = 12$ ;  $2m + 9n = 20$
  - $39x + 41y = 76$ ;  $41x + 39y = 84$
  - $\frac{4}{x} + 5y = 7$
  - $\frac{x}{a} + \frac{y}{b} = a + b$
  - $\frac{3}{x} + 4y = 5$
  - $\frac{x}{a^2} + \frac{y}{b^2} = 2$
  - $x - y = 0.9$
  - $a(x + y) + b(x - y) = a^2 + b^2 - ab$
  - $\frac{11}{x + y} = 2$
  - $a(x + y) - b(x - y) = a^2 + b^2 + ab$
  - $8x - 3y = 5xy$ ;  $6x - 5y = -2xy$
  - $\frac{x}{a} - \frac{y}{b} = a - b$ ;  $\frac{x}{a^2} - \frac{y}{b^2} = 0$  ( $a \neq b$ )
  - $99x + 101y = 499$ ;  $101x + 99y = 501$
- If  $2x + y = 35$  and  $3x + 4y = 65$ , find the value of  $\frac{x}{y}$
- Find the value of c for which the pair of equations :  $2x + cy = 1$ ;  $3x + 5y = 7$  will have
  - a unique solution;
  - no solution. Is there a value of c for which the system has infinite number of solutions?
- Find the value of k for which the following pairs of equations have unique solutions:
  - $7x - 2y = 3$ ;  $22x - ky = 8$
  - $2x + ky = 1$ ;  $3x - 5y = 7$
  - $2x + 3y - 5 = 0$ ;  $kx - 6y - 8 = 0$
- For what value(s) of k will the pair of linear equations:  $kx + 3y = k - 3$ ;  $12x + ky = k$  have a unique solution?
- Last year 1 kg of tea and 3 kg of sugar together cost Rs 96. This year, the rates of tea increased by 15% and that of sugar by 10%. So the amount of tea and sugar now cost Rs. 108.60. Find the per kg rates of tea & sugar last year.
- A boat goes 24 km upstream & 28 km downstream in 6 hours. In 6.5 hours, it can go 30 km upstream & 21 km downstream. Find the speed of stream and the speed of boat in still water.
- A person invests some amount @ 12% S.I. and some other amount @ 10% S.I..He receives an annual interest of Rs.1300. But if he interchanges the amounts invested, he shall receive Rs.40 more as interest. How much has he invested at each rate?
- If 1 is added to both the numerator and the denominator of a fraction, it becomes equal to  $\frac{7}{8}$ . If, however, 1 is subtracted from both the numerator & denominator of the same fraction, it becomes equal to  $\frac{6}{7}$ . Find the fraction.
- The age of a father 8 yrs back was 5 times that of his son. After 8 yrs, his age will be 8 yrs more than double the age of his son. Find their present ages.
- There are some lotus flowers in a lake. If 1 butterfly sits on each flower, one butterfly is left behind. If 2 butterflies sit on each flower, 1 flower is left behind. What is the no. of flowers? What is the no. of butterflies?

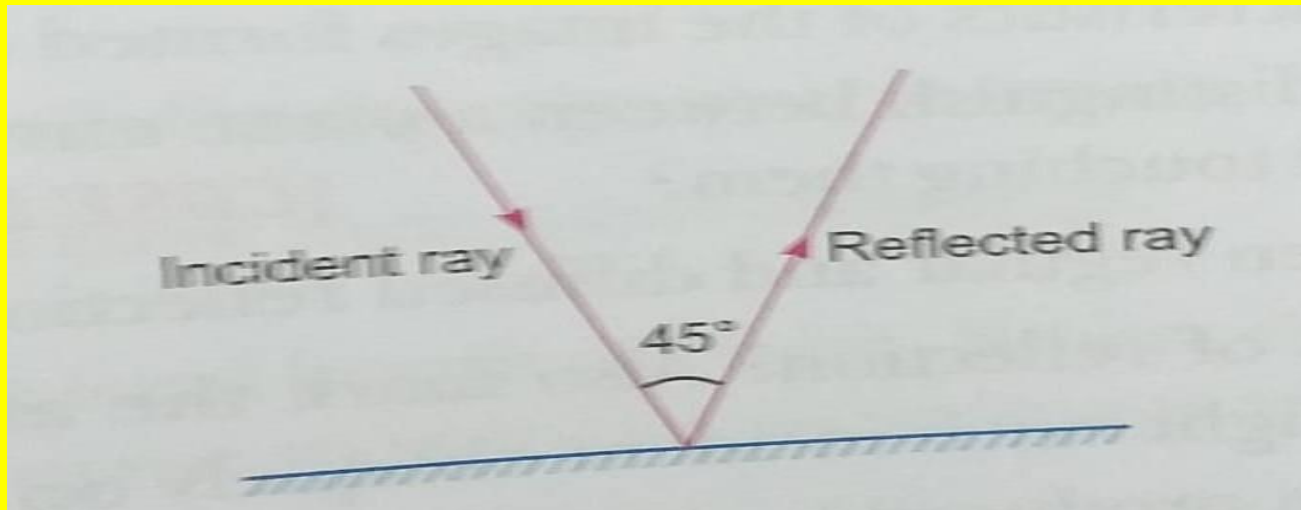
**SCIENCE**  
**PHYSICS**

Q1. What is the magnification of the images formed by plane mirror and Why?

Q2. a. At what position should the object be placed to form a real image of equal size by concave mirror?

b. An object is placed in front of concave mirror at a distance equal to its focal length. What is the position of the image?

Q3. The angle between the incident ray and reflected ray is  $45^\circ$ . What is the value of angle of incidence?

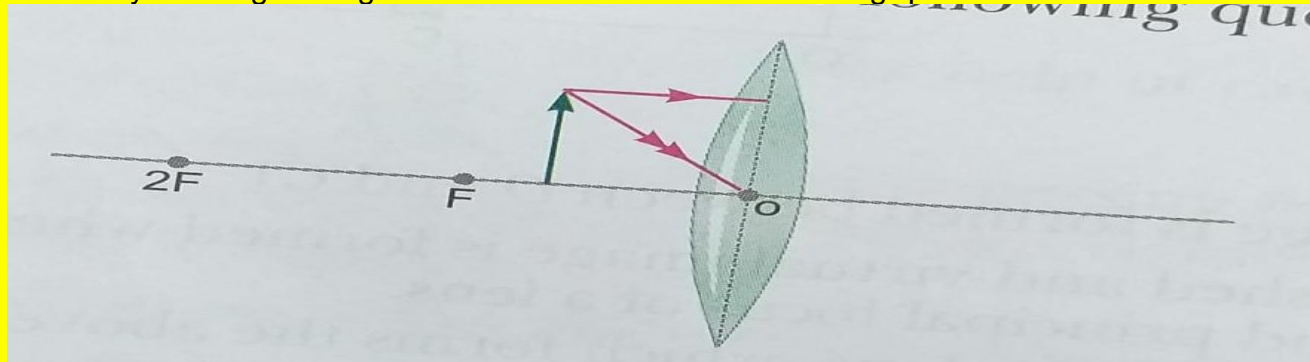


Q4. If the image formed by mirror for all positions of the object placed in front of it is always virtual and diminish. State the type of mirror. Draw a ray diagram to show the formation of image in this case.

Q5. Explain with the help of diagram. Why a pencil partly immersed in water appears to be bent at the water surface.

Q6. Is the position of the star as seen by us its true position?

Q7. Study the diagrams given below and answer the following questions.



i. Complete the ray diagram showing the image formation.

ii. Name the nature of the image formed.

iii. Will the image position and focal length be positive or negative?

iv. Give one application of this lens for the position of the object.

Q8. A convex lens has focal length of 10 cm. At what distance from the lens should the object be placed so that it form a real and inverted image 20 cm away from the lens?

Q9. At what distance from lens should an object be placed so that it form a real and inverted image 20 cm away from the convex lens has focal length of 10 cm. With the help of a ray diagram, show the formation of image by the lens in this case.

Q10. A Boy find a piece of glass. He keeps it on letter 'A' written on piece of paper. He find that letter. 'A' appear to be raised but no change in its size even on lifting the glass piece.

i. What could be the whole glass from which it has broken off?

ii. Why does the letter 'A' appear to be raised?

Q11. The refractive index of diamond is 2.42. What is the meaning of this statement is relation to speed of light?

Q12. Why does a concave mirror have a real principal focus, while convex mirror has virtual



principal focus?

Q13. Object is placed in front of convex mirror of focal length 20 cm. the magnification is found to be  $\frac{1}{4}$ . Find the location of the Object.

Q14. An object of size 7 cm is placed at 27 cm in front of concave mirror of focal length 18 cm. At what distance from the mirror should a screen be placed so that a sharp focused image can be obtained? Find the size and nature of the image.

Q15. Draw all ray diagrams for

i. Concave Mirror    ii. Convex Mirror    iii. Concave Lens    iv. Convex Lens

### CHEMISTRY

Q1. How is exothermic reaction different from an endothermic reaction?

Q2. Explain four different types of chemical reaction with suitable examples.

Q3. How do we balance a chemical equation?

Q4. Why are oil and fat containing food items flushed with nitrogen?

Q5. What is the difference between displacement and double displacement reaction? Give suitable chemical equations for the same.

Q6. Give two uses of quick lime.

Q7. What is electrolytic decomposition?

Q8. Identify the following type of reactions:-

- $\text{Na}_2\text{SO}_4 + \text{BaCl}_2 \Rightarrow \text{BaSO}_4 + 2\text{NaCl}$
- $\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$
- $\text{Fe} + \text{CuSO}_4 \rightarrow \text{FeSO}_4 + \text{Cu}$
- $\text{Pb}(\text{NO}_3)_2 + 2\text{KI} \rightarrow \text{PbI}_2 + 2\text{KNO}_3$
- $\text{CaO} + \text{H}_2\text{O} \rightarrow \text{Ca}(\text{OH})_2$

Q9. i) Define corrosion.

ii) What is corrosion of iron called?

iii) How will you recognize the corrosion of silver?

iv) Why corrosion of iron is a serious problem?

v) How can we prevent corrosion of iron?

Q10. Write one equation each for decomposition reactions where energy is supplied in the form of light, heat and electricity .

Q11. Identify the substances that are oxidized and the substances that are reduced in the following reactions:

A)  $4\text{Na} + \text{O}_2 \rightarrow 2\text{Na}_2\text{O}$

B)  $\text{CuO} + \text{H}_2 \rightarrow \text{Cu} + \text{H}_2\text{O}$

Q12.. What happens chemically when quicklime is added to water filled in a bucket?

Q13. Give reason : Magnesium ribbon is to be cleaned before burning in air.

Q14. What is redox reaction? Explain with example.

Q 15. What happens when a strip of zinc is dipped into a solution of copper sulphate? Write the balanced chemical equation of the reaction.

### BIOLOGY

1 Write the balanced chemical equation of photosynthesis.

2 List the events taking place during the process of photosynthesis.

3 How does an amoeba take its food. Explain it with the help of the diagram.

4 Why is diffusion insufficient to meet the oxygen requirements of multicellular organisms like humans?

5. What are the necessary conditions for autotrophic nutrition and what are its byproducts?

6 How opening and closing of stomata takes place?

7 Draw the well labelled diagram of the following.

A Human digestive system

B Human respiratory system

8. What is the function of Medulla oblongata?

9. What are receptors ? Explain each with their function?

10. Draw a labelled diagram of Human Brain?

11. What is the function of Pituitary gland?

12. Nervous and hormonal system work together in control and coordination in humans justify?



13. What is the need of control and coordination in human body?
14. Draw the diagram showing different endocrine glands present in human body?
15. How information is sent to brains in animals?

## **SOCIAL SCIENCE**

### **Geography**

#### CH.1 Resources and development

1. What do you understand by Resource?
2. Classify resources on the basis of exhaustibility.
3. Classify resources on the basis of development.
4. What types of resources are solar and wind energy ?
5. Mention a non-renewable source that cannot be recycled and get exhausted with their use.
6. What do you understand by national resources ? Give example.
7. What are developed resources ?
8. What do you understand by international resources ? Give example.
9. Which are the results of using resources indiscriminately by human beings ?
10. What is sustainable development ?
11. What was the object of Rio de Janeiro Earth Summit, 1992 ?
12. Which states in India are rich in minerals and coal deposits ?
13. How did Gandhi ji voice his concern about resource conservation ?
14. State factors responsible for land degradation.
15. Mention the states where overgrazing and over-irrigation are responsible for degradation.

### **Economics**

#### **Ch.1 Development**

16. State two points about the developmental goals that are observed in day to day life.
17. Which are the common things that are desired by most of the people ?
18. How do we generally compare two persons ?
19. What is average income of a country ?
20. How is the development of a country determined ?
21. State one condition that may allow women to take up a variety of jobs or run a business.
22. For comparing countries which is the most important attribute ?
23. What is the other name of average income ?
24. What is Infant Mortality Rate ?
25. What is Literacy Rate ?

### **Political Science**

#### **Ch.1 power sharing:**

26. Which languages are spoken in Belgium ? What is their percentage ?
27. What is the percentage of French and Dutch-speaking people in the capital city of Brussels ?
28. Which language is spoken by majority of Sri Lanka ?
29. What was the result of policy of majoritarianism in Sri Lanka ?
30. The community government in Belgium is a good example of which form of power sharing ?
31. What is horizontal distribution of power ?
32. Give an example of power sharing among different social groups such as the religious and linguistic groups.
33. Why the system of 'reserved constituencies' is adopted in India ?
34. What are the features of sharing power among governments at different levels ? State any one.
35. Which are the two reasons for power sharing and mention one advantage of each ?

## **PROJECT WORK**

### **General Instructions:**

1. The total length of the projects will not be more than 10 pages.
2. The projects will be handwritten and credit will be awarded to original drawings, illustrations and creative use of materials.
3. The project reports will be presented in a neatly bound simple folder.
4. The projects will be developed and presented in this order

Cover page  
List of contents  
Acknowledgement  
Project overview  
Chapters  
Summary and conclusions

### **Bibliography**

- 1.Consumer awareness(Roll number 1 to 15)
- 2.Sustainable development(Roll number 16 to 29)
- 3.Social issues(30 to 43)

**Note: Pictures, data, graphs, pie chart should be included according to the topic.**

### **HINDI**

सैंट विवेकानंद लोटस वैली पब्लिक स्कूल  
कक्षा -दसवीं (Assignment - 1)

क) निम्नलिखित प्रश्नों के उत्तर एक या दो पंक्ति में दीजिए:-

- 1) 'ऐसी चाणी बोलिए, मन का आपा खोय' पंक्ति का भाव स्पष्ट कीजिए।
- 2) कबीर के अनुसार सुखी व्यक्ति कौन है?
- 3) विरही की जीवित रहने पर उसकी स्थिति कैसी हो जाती है?(कबीर )
- 4) 'चौर' एवं 'कुंजर' शब्द के अर्थ बताइए।(मीरा के पद)
- 5) मीरा श्री कृष्ण से कहाँ और क्यों मिलना चाहती हैं?
- 6) बड़े भाई साहब पाठ में बड़े भाई की किस विशेषता का पता चलता है?
- 7) छोटे भाई द्वारा टाइम टेबल पर अमल न होने के क्या कारण थे?
- 8) ततारा का मन उन कार्यक्रमों में क्यों नहीं लग रहा था?

ख) निम्नलिखित प्रश्नों के उत्तर 25 से 30 शब्दों में दीजिए:-

- 1) ततारा से प्रथम परिचय के उपरांत घर लौटकर वामीरो की मनोदशा कैसी हो गई थी?
- 2) 'पासा' के पशु धर्म की दुखद घटना ने किस प्रकार दोनों के जीवन का अंत कर दिया ?इससे अंजमान के सामाजिक जीवन में क्या परिवर्तन हुआ?
- 3) 'वामीरो को ऐसा क्यों लगा कि ततारा को भूल जाना ही उचित है' - पाठ के आधार पर स्पष्ट कीजिए।
- 4) 'मीरा की रचनाओं में पूर्ण समर्पित भक्ति भावना निहित है' - अपने शब्दों में इस कथन की पुष्टि मीरा के पद पाठ के आधार पर कीजिए।
- 5) 'पोथी' शब्द से क्या तात्पर्य है? कबीर ने इसका विरोध क्यों किया है?
- 6) ' लिया मुराडा हाथि' में 'मुराडा' किसका प्रतीक है? कबीर किस घर को जलाने की बात करता है?
- 7) ठाकुरबाड़ी के महंत ने पहली बार हरिहर काका को कैसे अपने धूर्तता के जाल में फंसाया? पाठ के आधार पर स्पष्ट कीजिए।
- 8) जमीन जापदाद होते हुए भी हरिहर काका मजबूरी और उपेक्षा का जीवन जीने को बाध्य थे, क्यों?
- 9) 'प्रेम सब को जोड़ता है' ततारा वामीरो पाठ के आधार पर इस कथन की पुष्टि कीजिए।

ग) निम्नलिखित प्रश्नों के उत्तर 50 से 60 शब्दों में दीजिए:-

- 1) हरिहर काका कहानी की मूल संवेदना क्या है? क्या समाज में आज भी इस प्रकार के अत्याचार की घटनाएं प्रकाश में आती हैं ? अपने विचार लिखिए।
- 2) 'पासा' और 'लपाती' गांव का उल्लेख किस संदर्भ में आया है? 'ततारा - वामीरो कथा' पाठ के आधार पर बताइए।
- 3) लेखक की स्वाभाविक रुचि खेल में थी, पतंग लूटने के लिए जाते लेखक को बड़े भाई साहब ने क्या समझाया?
- 4) 'साखी' शब्द का अर्थ स्पष्ट करते हुए कबीर की भाषा पर टिप्पणी कीजिए।
- 5) मीरा द्वारा कृष्ण की धाकरी करने का क्या अर्थ है? इससे मीरा के व्यक्तित्व का कौन सा रूप प्रकटया स्पष्ट होता है?
- 6) 'हरिहर काका एक नए शोधित वर्ग के प्रतिनिधि के रूप में दिखाई देते हैं' - इस कथन पर अपने तर्क प्रस्तुत करते हुए अपने विचार भी व्यक्त कीजिए।
- 7) 'एक संगठित समाज वृत्त संकल्प हो तो ऐसा कुछ भी नहीं जो वह नहीं कर सकता' - डायरी का एक पन्ना 'पाठ के संबंध में कहे गए इस कथन की उदाहरण सहित पुष्टि कीजिए।
- 8) कबीर के दोहे के आधार पर कस्तूरी की उपमा को स्पष्ट कीजिए। तथा मनुष्य को ईश्वर प्राप्ति के लिए क्या करना चाहिए ? स्पष्ट कीजिए।

## कार्यपत्रिका -2

### समास और वाक्य रूपांतरण

#### (व्यवहारिक व्याकरण)

#### क. निम्नलिखित समस्त पदों का विग्रह करके समास का नाम लिखिए

1. यथाक्रम
2. सज्जन
3. खरी-खोटी
4. अभूतपूर्व
5. रातोंरात
6. क्रोधाग्नि
7. हस्तलिखित
8. त्रिलोचन
9. आजीवन
10. महापुरुष
11. यथासामर्थ्य
12. गुणहीन
13. नवग्रह
14. छल-कपट
15. ग्रामगत
16. यथाविधि
17. भारतरत्न
18. पाप-पुण्य
19. श्वेतांबर
20. लोकप्रिय
21. सप्तर्षि
22. शुभागमन
23. धन-दौलत
24. निडर
25. वीणापाणि
26. देहलता
27. निस्संदेह
28. राम-लक्ष्मण
29. प्रतिदिन
30. चौराहा
31. बेशक
32. पर्णकुटीर
33. परमानंद
34. ऋषि-मुनि
35. गजानन
36. जन्मरोगी
37. निर्विवाद

38. चतुर्वेद
39. श्वेतांबर
40. यथासामर्थ्य

#### ख. निम्नलिखित विग्रहों के समस्तपद बनाकर समास का नाम लिखिए।

1. कमल के समान नयन
2. पाँच वर्तों का समाहार
3. राह के लिए खर्च
4. कांति से हीन
5. विद्या रूपी धन
6. गुण और दोष
7. चंद्र है शिखर पर जिसके अर्थात् शंकर
8. तीन नेत्रों का समाहार
9. अन्न और जल
10. पर के अधीन
11. बिना कारण के
12. भय से आकुल
13. पंक में जो पैदा हुआ हो अर्थात् कमल
14. सूर द्वारा रचित
15. पेट भरकर
16. खट्टा और मीठा
17. चरण के समान कमल
18. चार वेदों का समाहार
19. मति के अनुसार
20. आप पर बीती
21. मीठा है जो अन्न
22. आँखों के सामने
23. लाल है जो टोपी
24. पाँच आबुओं का समूह
25. चक्र धारण करने वाला अर्थात् विष्णु
26. तुलसी द्वारा कृत
27. मान और सम्मान
28. दिन ही दिन में
29. काली है जो मिर्च
30. परलोक को गमन

#### वाक्य रूपांतरण

#### क) नीचे दिए गए वाक्यों इनमें से ( सरल, मिश्र और संयुक्त वाक्य) कौन सा है ?

1. वह बाज़ार गया और उसने सामान खरीदा।
2. घंटी बजते ही छात्र कक्षाओं में चले गए।
3. जहाँ-जहाँ सिंचाई की व्यवस्था है, वहाँ-वहाँ फसलें खूब अच्छी होती हैं।
4. मज़दूर मेहनत करता है, परंतु उसे लाभ नहीं मिलता।
5. जहाँ वह रोज़ जाती है, वहाँ मेरा घर है।
6. बादल घिरे तथा अँधेरा छा गया।
7. उस लड़के को अंदर बुलाओ, जो बाहर आया है।
8. दोनों देश के सैनिक घमासान युद्ध कर रहे थे।
9. यद्यपि वह ईमानदार है फिर भी काम से जी चुराता है।
10. यदि इस बार वर्षा न हुई तो सारी फसल नष्ट हो जाएगी।
11. जैसे ही बादल घिरे वैसे ही बिजली चमकने लगी।
12. जब जब धरती पर अधर्म बढ़ा है, तब तब ईश्वर धरती पर अवतरित हुए हैं।
13. वह बाज़ार गई और स्वेटर लाई।
14. घंटी बजते ही छात्र कक्षाओं में चले गए।
15. बुढ़िया रो रही थी इसलिए मैंने उससे रोने का कारण पूछा।
16. जब हेलीकॉप्टर से खाना गिराया गया तब लोगों को भोजन मिला।
17. बिजली आई परंतु टीवी न चली।
18. वर्षा रुकी और खेल शुरू हो गया।
19. मोहिनी हिंदी पढ़ने रीता के घर गई।

#### ख) नीचे दिए गए वाक्यों को निर्देशानुसार बदलिए।

1. इस संसार में दिखाई देने वाली सभी चीजे नाशवान है।(मिश्र वाक्य)
2. वामीरो कुछ सचेत हुई और घर की तरफ दौड़ी।(सरल वाक्य)
3. जैसे ही बच्चे ने पका आम देखा उसके मुँह में पानी आ गया।(सरल वाक्य)
4. मेहनत करने पर भी गरीबों को भरपेट रोटी नहीं मिलती।(संयुक्त वाक्य)
5. अभिनेता अमिताभ बच्चन को सदी का महानायक कहा जाता है।(मिश्र वाक्य)

6. देश के लिए मर मिटने वाला सच्चा देशभक्त होता है।(मिश्र वाक्य)
7. सीमा को खेलना भी अच्छा लगता है और सोना भी।(सरल वाक्य)
8. जीवन में पहली बार में इस तरह विचलित हुआ हूँ।(मिश्र वाक्य)
9. फिर तेज कदमों से चलती हुई तताँरा के सामने आकर ठिठक गई।(संयुक्त वाक्य)
10. वह नहीं आया क्योंकि बीमार है।(सरल वाक्य)
11. तताँरा को देखकर वह फूट-फूटकर रोने लगी।(संयुक्त वाक्य)
12. धमाका होते ही लोग घरों से बाहर निकल आए।(मिश्र वाक्य)

**क) वाचन गतिविधि :-, (2से 3 मिनट)**

- 1)मोबाइल फोन और विद्यार्थी (अनुक्रमांक 1 से 7 तक)
2. मतदान केन्द्र का दृश्य ( अनुक्रमांक 8 से 14 तक)
- 3.राष्ट्र निर्माण में नारी का योगदान (अनुक्रमांक (15 से 21 तक)
- 4.परमाणु ऊर्जा का शांतिपूर्ण उपयोग (अनुक्रमांक (22 से 28 तक)
5. मज़हब नहीं सिखाता आपस में बैर रखना! ( अनुक्रमांक 29 से 35 तक)
- 6 नर हो न निराश करो मन को (अनुक्रमांक 36 से .....

\*उपरोक्त विषयों में से अपने अनुक्रमांक के अनुसार विषय लेकर स्पष्ट भाव भंगिमा सहित वाचन कौशल के लिए तैयार कीजिए।

\*पोर्टफोलियो परियोजना कार्य :-

**विषय** →\*. विज्ञापन लेखन [ 4 sheet पर ]

\*औपचारिक पत्र [ 4 sheet पर ]

\*कक्षा में करवाये गए संपूर्ण विषयवस्तु की दोहराई।

**Information Technology**

1. IT LAB MANUAL

- a) Write Practical from 1.1 to 1.21 and 2.1 to 2.15 in the Lab Manual.
- b) Paste Pictures of respective practical.

2. Revise Part A-Employability Skills

Unit-1-Communication Skills-II

Unit-2-Self Management Skills-II

Unit-3-ICT Skills-II

**PHYSICAL EDUCATION**

Prepare a chart on Difference between Assessment and Evaluation