

D.A.V. PUBLIC SCHOOL, Behror
HOLIDAY HOMEWORK
CLASS : X (2024-2025)

MATHEMATICS

1. If m and n are zeros of the polynomial $3x^2+11x-4$ then find the value $(m/n) + (n/m)$.
2. If A and B are zero of the polynomial $2x^2+5x+k$ satisfying the relation $a^2+b^2+ab=21/4$ then find the value of k
3. If the zeros of the polynomial x^2+px+q are in the ratio $2:3$ prove that $6p^2=25q$
4. If the sum and product of the zeros of the polynomial ax^2-5x+c is equals to 10 each find the value of a and c
5. If one zero of the polynomial $3x^2-8x+2k+1$ is seven times the other then find the value of K
6. Find the largest positive integers that will divide 398, 436 and 542 leaving the remainders 7, 11 and 15 respectively
7. If a and b are zeros of the polynomial $6y^2-7y+2$ find the quadratic polynomial whose zero are $1/a, 1/b$
8. If a and b are zero of the polynomial then find a polynomial $2x^2-5x+7$ whose zero are $2a+3b$ and $3a+3b$.
9. The sum of numerator and denominator of a fraction is 4 more than twice the numerator. If the numerator and denominator are increased by 3. Determine the fraction ?
10. The length of sides forming right angle of a right triangle are $5x$ cm and $(3x-1)$ cm if the area of triangle is 60cm^2 , find its hypotenuse.
11. A train travels at a certain average speed for a distance of 54 km and then travels a distance of 63 km at an average speed of 6 km/h more than the first speed. If it takes 3 hours to complete the journey, what was its first average speed ?
12. In an AP is $S_n = 3n^2+5n$ and $a_n=164$, find the value of a_{20} , a_{24} .
13. Find the sum of exponents in prime factorization of 1440.
14. Prove that $\sqrt{p} + \sqrt{q}$ is an irrational no, where p and q are prime numbers.
15. Find the LCM and HCF of the integers 336 and 54 and verify that $\text{LCM} \times \text{HCF} = \text{products of integers}$.
16. The HCF of two no is 16 and their product is 3072, then find their LCM
17. In a circular field has a circumference of 360 km. three cyclists start together and can cycle 48, 60 and 72 km a day, round the field. when will they meet again?
18. Find HCF and LCM of the no.'s 45, 75 and 105.
19. Find the HCF of 84 and 120 using prime factorization method.
20. If the two positive integers a and b are written as $a=x^2y^2$ and $b=x^3y^2$; x, y are prime numbers then Find HCF (a,b) ?
21. If the system of equations $2X + 3Y = 5$, $4X + KY = 10$ Has infinitely many solutions then K is
22. If the system of Equations $KX - 5y = 2$, $6x + 2y = 7$ has no solution then $k = ?$
23. Find K if $X = 5$ is the root of the equation $x^2+7kx - 1 = 0$?
24. The sum of two digit number and the number obtained by reversing the order of its digits is 165, if the digits differ by 3 find the numbers
25. A fraction becomes $9/11$ if 2 is added to both numerator and denominator if three is added to both numerator and denominator it becomes $5/6$. find the fraction?
26. Two years ago a father was five times old as his son two years later his age will be eight more than three times the age of his son find the present ages of father and son?
27. The perimeter of right triangle is 60 cm its hypotenuse is 25. find the area of triangle.?

28. The product of two consecutive integers is 306 form a quadratic equation to find the integers Also finds the Numbers.
29. John and 20 together have 45 marbles both of them lost five marbles each and product of the number of marbles did now have is 128 then how many marbles they had to start with if John has X marbles.?
30. The area of rectangular plot is five 28 m² the length of the plot is one more than twice its breath then find the length and breath of the plot.
31. Find the 10th term of the AP : 2, 7, 12.....
32. How many two-digit numbers are divisible by 8?
33. In a flower bed, there are 23 rose plants in the first row, 21 in the second, 19 in the third, and so on. There are 5 rose plants in the last row. How many rows are there in the flower bed ?
34. The sum of the 4th and 8th terms of an AP is 24 and the sum of the 6th and 10th terms is 44. Find the first three terms of the AP.
35. Find the sum of integers between 100 to 200 divisible by 9.
36. The ratio of 11th term to 18th term of an AP is 2:3 . Find the ratio of 5th term to the 21th term.
37. Solve the equation; $-4+(-1)+2+.....+x=437$
38. Jaspal repays his total loan of Rs 118000 by paying every month starting with the first installment of Rs 1000 . If he increase the installment by 100 Rs every month, what amount will be paid by him in the 30th installment ?
39. The sum of 4 consecutive numbers of AP is 32 and the Ratio of the first and the last terms to the product of the two middle terms is 7:15. Find the numbers.
40. In an AP if $S_n = n(4n+1)$. find the AP.
41. Split 207 in three parts such that these are in AP and product of the two smaller parts is 4623.
42. The first terms of AP is -5 and the last term is 45. If the sum of the terms of the AP is 120, then find the number of terms and common difference.

SCIENCE

Physics

Q1.Rays from sun converge at a point 15 cm in front of a concave mirror. Where should an object be placed so that size of its image is equal to the size of the object?

- (a) 15 cm in front of the mirror (b) 30 cm in front of the mirror
(c) between 15 cm and 30 cm in front of the mirror (d) more than 30 cm in front of the mirror.

Q.2. To determine the focal length of a concave mirror by forming image of a distant object, the screen should be placed

- (a) in any direction (b) inclined at angle of 45°
(c) at right angle to the plane of mirror (d) parallel to the plane of mirror

Q.3. You are given water, mustard oil, glycerine and kerosene. In which of these media, a ray of light incident obliquely at same angle would bend the most?

- (a) Kerosene (b) Water (c) Mustard oil (d) Glycerin

Q.4. How will the image formed by a convex lens be affected if the upper half of the lens is wrapped with a black paper?

- (a) The size of the image is reduced to one-half
(b) The upper half of the image will be absent.
(c) The brightness of the image is reduced. (d) There will be no effect

Q.5.Magnification produced by a rear view mirror fitted in vehicles:

- (a) Is less than one (b) Is more than one. (c) Is equal to one
(d) Can be more than or less than one depending upon the position of the object in Front of it.

Q.6 Assertion: When a concave mirror is held in water, its focal length will decrease.

Reason: The focal length of a concave mirror depends on the density the medium in

Which it is placed.

Q.7. Assertion: Full length image of a distant object, such as a tall building, can be seen in a Convex mirror.

Reason: A convex mirror has a greater focal length than a concave mirror of the same Aperture.

Q.8. Light is a form of energy which induces sensation of vision to our eyes. It becomes

Visible when it bounces off on surfaces and hits our eyes. The phenomenon of

Bouncing back of light rays in the same medium on striking a smooth surface is called

Reflection of light. If parallel beam of incident rays remains parallel even after reflection and goes only In one direction is known as regular reflection. It takes place mostly in plane mirrors Or highly polished metal surfaces. The mirror outside the driver side of a vehicle is Usually a spherical mirror and printed on such a mirror is usually the warning “vehicles

In this mirror are closer than they appear.”

(i) Which type of mirror is used outside the driver’s side of a vehicle?

(a) Plane mirror . (b) Concave mirror. (c) Convex mirror (d) Magic mirror

(ii) No matter how far you stand from a mirror, your image appears erect. The mirror Can be

(a) Plane (b) Concave. (c) convex (d) Either plane or convex

(iii) If an object is placed at 10 cm from a convex mirror of radius of curvature 60 cm, Then find the position of image.

(a) 4 cm. (b) 7.5 cm. (c) 10 cm (d) 12.5 cm

(iv) The focal length of mirror is 12 cm. The radius of curvature is

(a) 12 cm. (b) 24 cm. (c) 20 cm (d) 36 cm

Q.9. A concave mirror has a focal length of 20 cm. At what distance from the mirror should A 4 cm tall object be placed so that it forms an image at a distance of 30 cm from the Mirror? Also calculate the size of the image formed.

Q.10. The refractive indices of glass and water with respect to air are $\frac{3}{2}$ and $\frac{4}{3}$ Respectively. If speed of light in glass is 2×10^8 m/s, find the speed of light in water.

Q.11. A convex lens can form a magnified erect as well as magnified inverted image of an Object placed in front of it”. Draw ray diagram to justify this statement stating the Position of the object with respect to the lens in each case. An object of height 4 cm is Placed at a distance of 20 cm from a concave lens of focal length 10 cm. Use lens Formula to determine the position of the image formed.

Q.12. Write difference in myopia and hypermetropic.

Q.13. Give reason of early sunrise and delayed sunset.

Chemistry

Q1. Explain the following in terms of gain or loss of oxygen with two examples of each.

(i) Oxidation. (ii) Reduction.

Q2. Oil and fat containing food items are flushed with nitrogen. Why ?

Q3. A shiny brown coloured element X on heating in air becomes black in colour. Name the element X and the black coloured compound formed.

Q4. In the refining of silver, the recovery of silver from silver nitrate solution involved displacement by Copper metal. Write down the reaction involved.

Q5. Which of the following reactions are an endothermic reaction where decomposition also happens?

Respiration ,

Heating of lead nitrate ,

Decomposition of organic matter ,

Electrolysis of acidified Water.

(ii) Silver chloride when kept in the open turns grey. Illustrate this with a balanced chemical equation.

Q6. A metal X acquires a green colour coating on its surface on exposure to air.

(i) Identify the metal X and name the process involved in it.

(ii) Name and write chemical formula of the green coating formed.

(iii) List two important methods to prevent the process.

Q7. The PH of a salt used to make crispy and tasty pakoras is 14 . Identify the Salt and write a chemical equation for it's formation. List it's two uses.

Q8. During electrolysis of brine,a gas G is liberated at anode . When this gas G is passed through slaked limeA compound C is formed which is used for disinfecting drinking water.

(a) Write formula of G and C .

(b) State the chemical equation involved.

(c) What is common name of compound C .Give its chemical name.

Q9. (i) What happen when crystals of Washing soda are left open in dry air?

(ii) Name the change that takes place.Which two industries are based on the use of washing soda?

iii) With the help of balanced chemical equation, state the reaction that takes place when sodium hydrogen carbonate is heated during cooking .

Q10.(i) A chemical compound X is used in the glass and soap industry. Identify the compounds and give its chemical formula .

ii) How many molecules of water of crystallization are present in compound X.

iii) How will you prepare the above compound starting from sodium chloride? Write all relevant equations involved in the process.

Q11. A white Powder is used by doctors to support fractured bones.

(i) Write the name and chemical formula of the powder.

(ii)How is this powder prepared?

(iii) When this white powder is mixed with water, a hard solid mass is obtained. Write a balanced chemical equation for the change.

(iv) Give one more use of this white powder.

Q12.What is water of crystallization? Write the common name and chemical formula of a commercially important compound which has ten water molecules as water of crystallization. .

Q13 A metal carbonate X on heating with an acid gives a gas which when passed through a solution Y gives the carbonate back. On the other hand ,a gas G that is obtained at anode during electrolysis of brine is passed on dry Y , it gives a compound Z ,used for disinfecting drinking water Identify X,Y ,G and Z .

Q14. You are provided with two containers made up of copper and aluminium. You are also provided with solutions of dil.HCl,dil.HNO₃,ZnCl₂,and H₂O.In which of the above containers these solutions can be kept.

Biology

Q1.Draw a flowchart to show the breakdown of glucose by various pathways.

Q2.How are lungs designed in human beings to maximize the area for exchange of gases?

Q3.How is oxygen and carbon dioxide transported in human beings?

Q4.What advantages does an aquatic organism does a terrestrial organism have with regard to obtaining oxygen for respiration ?

Q5. Bile juice does not have any digestive enzymes but still plays a significant role in the process of digestion. Justify the statement.

Q6. Name the correct substrate for the following enzymes:-

Trypsin, Amylase, Pepsin, Lipase.

Q6. State the events that occurs during the process of photosynthesis.Is it essential that these steps takes place one afterthe other immediately.Explain by an example.

Q7.What do you mean by emulsification of fat?

Q8. A patient in hospital had his gall bladder removed and needs a special diet. Which nutrient free diet would be suitable for this patient.

Q9. Why is the inner wall of alimentary canal not digested although the digestive enzyme can digest all the materials that make cells?

- Q10. What would be the deficiency of haemoglobin in our bodies?
- Q11. How do the guard cells regulate opening and closing of stomatal pores?
- Q12. What is meant by residual volume of air? What is its function?
- Q13. What is ATP? How is it formed? What is the use of it?

ENGLISH

1. Complete the sentences given below with the suitable determiners given in bracket
 1. Meg used ____ sketch pens to complete her project. (this/these)
 2. I had ____ rice today. (enough/all)
 3. ____ picture was painted by Picasso. (that/those)
 4. The book belongs to _____. (her/hers)
 5. Can you give me ____ notebook? (the/an).
 6. Sam stood _____ in the class. (first/one)
 7. Mave is ____ honest man. (a/an)
 8. ____ students were called to the principal's office. (any/some)
 9. Do you know ____ scarf this is? (whose/their)
 10. ____ Qutub Minar belongs to the Sultanate Period in India. (an/the)
2. Go through the sentences and change their tenses as directed.
 - I. The boy speaks the truth. (Present Continuous Tense)
 - II. Mr Cooper has spoken about Dinosaurs. (Present Perfect Continuous Tense)
 - III. The boat sailed yesterday. (Simple Present Tense)
 - IV. Amy went to school yesterday. (Future Continuous Tense)
 - V. The baby cried for hours. (Present Perfect Continuous Tense)
3. Write an application to your Principal for arranging Extra classes for Science and Maths.
4. You are the monitor of your class. The fans are not working properly in your class. So write an application to your Principal for the same.
5. Answer the following questions
 1. The postmaster had mixed emotions while opening the letter. Explain.
 2. Why did the night after the rains turn sorrowful for Lencho?
 3. What is ironic about the post office staff helping Lencho?
 4. Rationalise what you think the poet was probably doing when the dust of snow fell on him?
 5. The dusting of snow on account of the crow helped make the poet's day better. How do you think the crow's droppings might have impacted the poet?
 6. What are two different views about the end of the world in the poem 'Fire and Ice'?
 7. What message does the poet wish to convey through the poem 'Fire and Ice'?
 8. What promises did Mandela make to his people in the oath-taking speech?
 9. How had the military general's attitude changed, and why?
 10. What problems hinder each man to fulfil these obligations in South Africa?
 11. Leslie Norris has described some of the activities of a tiger behind the bars of its cage. Write them.
 12. How does the tiger make his presence felt in the village?
 13. How did Ausable kill Max without using a weapon?
 14. How was Ausable different from the other secret agents?
 15. Why was Ausable confident that Max would never return?
 16. Why was it difficult for Hari Singh to rob Anil?
 17. Why did Anil decide to pay Hari Singh regularly?

SOCIAL SCIENCE

1. Resources that take long geological time for their formation are called:

- (a) Renewable resources
- (b) Community resources
- (c) Reserve
- (d) Non-renewable resources

2. Area sown more than once in an agricultural year plus net sown area is known as:

- (a) Net sown area
- (b) Waste land
- (c) Forest cover
- (d) Gross cropped area

3. In which of the following States mining has caused severe land degradation?

- (a) Gujarat
- (b) Kerala
- (c) Uttaranchal
- (d) Jharkhand

4. The main cause of land degradation in Punjab, Haryana and Western Uttar Pradesh is:

- (a) Mining
- (b) Over irrigation
- (c) Deforestation
- (d) Over grazing

5. The Indian Wildlife (Protection) Act was implemented in _____, with various provisions for protecting habitats.

- (a) 1972
- (b) 1975
- (c) 1971
- (d) 1974

6. Which of the following animals were gravely threatened, and the Central Government announced several projects for protecting them?

- (a) Kashmir stag
- (b) The Asiatic lion
- (c) One-horned rhinoceros
- (d) All of the above

7. Manas Tiger Reserve is located in _____.

- (a) Tamil Nadu
- (b) Kerala
- (c) Assam
- (d) Orissa

8. Which of the following is located in the state of Rajasthan?

- (a) Corbett National Park
- (b) Bandhavgarh National Park
- (c) Periyar Tiger Reserve
- (d) Sariska Wildlife Sanctuary

9. Bhakra Nangal River Valley Project is made on the river:

- (a) Sutlej-Beas
- (b) Ravi-Chenab
- (c) Ganga
- (d) Son

10. Hirakud Dam is constructed on the river:

- (a) Ganga
- (b) Manjira
- (c) Manas
- (d) Mahanadi

11. Bamboo drip irrigation system is prevalent in:

- (a) Manipur
- (b) Meghalaya
- (c) Mizoram
- (d) Madhya Pradesh

12. Water of Bhakra Nangal Project is being used mainly for:

- (a) Hydel power and irrigation
- (b) fish breeding and navigation
- (c) industrial use
- (d) flood control

13. Which language was recognized as the only official language of Sri Lanka in 1956?

14. Apart from the Central and the State governments, which is the third type of government practised in Belgium?

15. Define the term 'Ethnic'.
16. What is the language spoken by the people residing in the Wallonia region of Belgium (2014)?
17. What is vertical division of power?
18. Define the term National Income?
19. Define GDP.
20. What is the advantage of per capita income? Mention any one.
21. What is disguised unemployment?
22. Name the sector in which the government owns most of the assets and provides all the services
23. Production of a commodity, mostly through the natural process is an activity of which sector?
24. What do banks do with the deposits they accept from customers?
25. What is the main informal source of credit for rural households in India.
26. Which body supervises the functioning of formal sources of loans?
27. Power sharing is the very spirit of democracy. Do you agree?
28. Describe the benefits of power sharing to social groups, lingual group and religious groups?
29. Why is Resource planning necessary? Give reasons.
30. Write four factors which determine resource development in a region.
31. Find out the present sources of energy that are used by the people in India. What could be the other possibilities for fifty years from now?
32. "The Earth has enough resources to meet the needs of all but not enough to satisfy the greed of even one person." How is the statement relevant to the discussion of development? Discuss.
33. Do you think the classification of economic activities into primary, secondary and tertiary is useful? Explain How.
34. "Tertiary sector is not playing any significant role in the development of Indian economy." Do you agree? Give reasons in support of your answer.
35. Workers are exploited in the unorganized sector. Do you agree with this view? Give reasons in support of your answer.
36. What is water scarcity and what are its main causes?
37. Compare the employment conditions prevailing in the organized & unorganized sectors.
38. Explain the functions of Reserve Bank of India.
39. "Money can not buy all goods & services that one needs to live well". Explain.
40. Read and learn Ch.1 & 2 in Geography ; Ch.1 in Political Science ; Ch.1,2 & 3 in Economics; Ch.2 in History.

COMPUTER APPLICATION

- Q.1 Explain structure of Email Message.
- Q.2 Explain different type of organization of Internet.
- Q.3 Write the uses of Function keys.
- Q.4 Write and learn the uses of shortcut keys.
- Q.5 Write and learn about different types of output devices.
- Q.6 Write and learn about Role of Operating System.
- Q.7 Write the structure of HTML program.
- Q.8 Write five program of python language.
- Q.9 What is TCP/IP?
- Q.10 Write about FTP server and FTP client.

HINDUSTANI MUSIC(VOCAL)

नोट: सभी प्रश्नों को अच्छे से कॉपी में लिखें व याद करें।

1. आलाप, तान, मींड, कण के बारे में विस्तार से लिखें व याद करें।
2. ध्रुपद, धमार व तराना को विस्तार से लिखें व याद करें।
3. तानपुरा के अंगो का वर्णन व तानपुरा को स्वर में करने की विधी को लिखें व याद करें।

- प्र.1 बालगोबिन भगत के संगीत की क्या विशेषता है?
- प्र.2 बालगोबिन भगत की कबीर पर अगाध श्रद्धा के क्या कारण थे?
- प्र.3 'पद' के आधार पर बताइए कि श्रीकृष्ण ने उद्धव के माध्यम से निर्गुण ब्रह्म एवं योग का संदेश किस उद्देश्य से भेजा?
- प्र.4 हालदार साहब के दुःख का क्या कारण था?
- प्र.5 सुभाष की प्रतिमा कहाँ प्रतिस्थापित थी?
- प्र.6 'नेताजी का चश्मा' पाठ का उद्देश्य क्या है?
- प्र.7 गोपियाँ व्यथित मन से उद्धव जी को क्या उलाहना देती हैं?
- प्र.8 'बालगोबिन भगत' के जीवन से हमें क्या प्रेरणा मिलती है?
- प्र.9 बालगोबिन भगत शीर्षक पाठ में किन सामाजिक रूढ़ियों पर प्रहार किया गया है? अपने शब्दों में लिखिए।
- प्र.10 गोपियों ने श्री कृष्ण के प्रति अपने एकनिष्ठ प्रेम को किन उदाहरणों के द्वारा स्पष्ट किया है?
- प्र.11 'साहस और शक्ति के साथ विनम्रता हो तो बेहतर है।' इस कथन पर 'राम लक्ष्मण परशुराम संवाद' पाठ के आधार पर अपने विचार व्यक्त कीजिए।
- प्र.12 देशभक्ति की भावना भरी होने के कारण लोग चश्मे वाले को क्या कहते थे? 'नेताजी का चश्मा' पाठ के आधार पर स्पष्ट कीजिए।
- प्र.13 कृष्ण के प्रति अपने अनन्य प्रेम को गोपियों ने किस प्रकार अभिव्यक्त किया है? 'सूर के पद' पाठ के आधार पर उत्तर दीजिए।
- प्र.14 पाठ 'बालगोबिन भगत' में अपने पुत्र से अत्यधिक स्नेह करने के उपरांत भी बालगोबिन भगत ने उसकी मृत्यु होने पर उसे गले क्यों नहीं लगाया?
- प्र.15 "राज धरम तो यहै 'सूर', जो प्रजा ने जाहि सताए" 'पद' के आधार पर बताइए कि पंक्ति में गोपियों की कौन-सी आकांक्षा निहित है?
- प्र.16 सूरदास के पद के आधार पर बताइए कि कृष्ण के किस कार्य को गोपियाँ अन्याय मानती हैं?
- प्र.17 'नेताजी का चश्मा' पाठ में जब मूर्ति बनाने का कार्य किसी स्थानीय कलाकार को देने का निश्चय हुआ होगा, तो मास्टर मोतीलाल ने लोगों को क्या विश्वास दिलाया होगा? उन्होंने 'पटक देना' शब्द का प्रयोग किस संदर्भ में किया?
- प्र.18 'बालगोबिन भगत' पाठ के आधार पर बताइए कि आषाढ़ माह में गाँव के वातावरण में क्या परिवर्तन होते थे?
- प्र.19 'बालगोबिन भगत' पाठ में लेखक ने किस सामाजिक समस्या का समाधान प्रस्तुत करने का प्रयास किया है?
- प्र.20 वो लँगड़ा क्या जाएगा फौज में, पागल है पागल !" 'नेताजी का चश्मा' पाठ के आधार पर कैप्टन के प्रति पान वाले की इस टिप्पणी पर अपनी प्रतिक्रिया लिखिए।
- प्र.21 गोपियों ने उद्धव से योग की शिक्षा कैसे लोगों को देने की बात कही है? 'सूर के पदों' के आधार पर उत्तर दीजिए।
- प्र.22 भगत जी की पतोहू अपने भाई के साथ वापिस क्यों नहीं जाना चाहती थी? उसकी क्या इच्छा थी? 'बालगोबिन भगत' पाठ के आधार पर स्पष्ट कीजिए।
- प्र.23 'सूरदास के पद' के आधार पर कृष्ण भक्ति का महत्त्व बताने के लिए किन-किन प्रतीकों का प्रयोग किया गया है?
- प्र.24 'बालगोबिन भगत' पाठ के आधार पर बताइए कि बालगोबिन भगत की दिनचर्या लोगों के आश्चर्य का विषय क्यों थी?
- प्र.25 आपकी दृष्टि में भगत की कबीर पर श्रद्धा के क्या कारण रहे होंगे? 'बालगोबिन भगत' पाठ के आधार पर उत्तर दीजिए।
- प्र.26 गोपियों ने श्रीकृष्ण को अपने हृदय में किस प्रकार बसाया हुआ है? 'सूरदास के पद' के आधार पर स्पष्ट कीजिए।
- प्र.27 "उनका बेटा बीमार है, इसकी खबर रखने की लोगों को कहाँ फुरसत" कथन द्वारा लेखक क्या कहना चाहता है? 'बालगोबिन भगत' पाठ के आधार पर उत्तर दीजिए।

- प्र.28 नेताजी का चश्मा पाठ के आधार पर बताइए कि कैप्टन कौन था? उसे कौन-सी बात आहत करती थी? इससे कैप्टन की कौन-सी विशेषता प्रकट होती है?
- प्र.29 बालगोबिन भगत का अपने खेत की पैदावार को कबीरपंथी मठ पर जाकर चढ़ा देना क्या प्रकट करता है? पाठ 'बालगोबिन भगत' के आधार पर उत्तर दीजिए।
- प्र.30 'सूरदास के पद' के आधार पर 'मन चकरी' का अर्थ स्पष्ट करते हुए बताइए कि गोपियों का हृदय कैसा है?
- प्र.31 सूरदास के पद' के आधार पर बताइए कि गोपियों के अनुसार, कृष्ण मथुरा चले जाने के पश्चात् कैसे हो गए हैं?
- प्र.32 गोपियाँ अपने प्रेम को गुड़ और चींटी के संदर्भ में किस प्रकार व्याख्यायित करती हैं?
- प्र.33 गोपियों ने अपने अनन्य प्रेम को श्रीकृष्ण के प्रति कैसे प्रकट किया है?
- प्र.34 बालगोबिन भगत के जीवन से हमें क्या प्रेरणा मिलती है?
- प्र.35 बालगोबिन भगत के समाज सुधारक रूप का लेखक ने कैसा वर्णन किया है? अपने शब्दों में लिखिए।
- प्र.36 कस्बे में लगी नेताजी की मूर्ति कैसी थी? मूर्ति के चश्मे में परिवर्तन का कारण क्या था?
- प्र.37 पान वाले ने हालदार साहब को कैप्टन के बारे में क्या बताया?
- प्र.38 बालगोबिन भगत के किस व्यवहार को देखकर लेखक आश्चर्यचकित हुए?
- प्र.39 बालगोबिन भगत के कबीर को 'साहब' मानने के संदर्भ में लेखक ने कौन-कौन-सी बातें बताई हैं?
- प्र.40 'नेताजी का चश्मा' पाठ के आधार पर सिद्ध कीजिए कि किसी भी कार्य में उसके पीछे छिपी भावना ही अधिक महत्वपूर्ण होती है।

संस्कृत

प्रश्न 1. अधोलिखितानि शब्दरूपाणि लिखन्तु स्मरन्तु च—

क. 'किम्' तत्, एतत् त्रिषुलिङ्गेषु

ख. अस्मद्, युष्मद्

ग. मातृ, पितृ

प्रश्न 2 अधोलिखित समयवादनं संस्कृते लिखन्तु—

क. 6:00

ख. 8:15

ग. 11:45

घ. 1:30

प्रश्न 3 अधोलिखितपदानां सन्धिसन्धिविच्छेदं कृत्वा च लिखन्तु—

क. कश्चित् ख. अस्मात् + नगरात्

ग. पापिनाम् + च

घ. सत् + निधानम्

ड. दिक् + गजः

प्रश्न 4 अधोलिखितानि धातुरूपाणि लिखन्तु स्मरन्तु च—

क. पठ्, लिख्, दृश्, रुच्, लभ्

प्रश्न 5 वाच्य कतिभेदाः सन्ति उदाहरणसहितं लिखन्तु ?

प्रश्न 6 प्रत्यय कति भेदाः सन्ति उदाहरणसहितं लिखन्तु ?

प्रश्न 7 समासः कति भेदाः सन्ति नामानि अपि लिखन्तु ?

प्रश्न 8 अव्ययपदानि अर्थ सहितं लिखन्तु।

प्रश्न 9 प्रश्ननिर्माणं पाठ एकतः चत्वारि लिखन्तु।

प्रश्न 10 अधोलिखितपदानां पर्यायपदं लिखत—

क. सलिलम्

ख. वनम्

ग. कुटिलम्

घ. पाषाणः

ड. शरीरम्

प्रश्न 11 अधोलिखितपदानां विलोमपदं लिखत—

क. सुकरम्

ख. दानवाय

ग. निर्मलम्

घ. सान्ताः

ड. दूषितम्

प्रश्न 12 अधोलिखितपदानां समास समास—विग्रह च कुर्वन्तु—

क. मलेन सहितम्

ख. नवामालिका

ग. दुर्दान्तैः दशनैः

घ. धृत सुखसन्देशः येन

ड. कज्जलमलिनं

प्रश्न 13 अधोलिखितपदानां प्रकृतिं प्रत्यय च पृथक् कृत्वा लिखत—

क. शालीनता

ख. सहिष्णुता

ग. स्थिरत्वम्

घ. सम्माननीया

ड. छदत्वम्