

D.A.V. PUBLIC SCHOOL

Sector- VI, Dwarka, New Delhi -110075

Holiday Homework

Class-VI

ENGLISH

Q1. Read the following poem carefully:

The Scene of Indian Spring

Pink are the young leaves,

Bright and cool

As the quiet waters

Of a jungle pool.

Loud calls the Koel

From the tree.

At dawn and in the sun-light

And at dusk calls he.

Peasants plough slowly

Earth's parched crust,

Tilling the soil

Ere green blades thrust.

Rain cascades earthwards,

Wild wings sing.

Bold and fierce yet lovely

Is the Indian Spring.

Complete the summary of the poem by filling one word in the blanks:

The poem describes the (a)_____ of Indian Spring. This season is full of tender and (b)_____ leaves, which the poet describes as pink and compares them to the (c)_____ of quiet water in the jungle. The Koel can be heard singing (d)_____ from a tree in the (e)_____ and in the evening. The farmers can be seen (f)_____ their land slowly. By the time they have ploughed their land it is time for the (g)_____ to soak the earth and

wild (h)_____ to blow. Although (i)_____ and fierce the Indian Spring is a (j)_____ season, says the poet.

Q2. There is a missing word in each line of the following passages. Write the missing word along with the word that comes before and after the missing word against the correct blank number.

(I)

Parmesh and his friends planning a trip a) _____
during the summer vacations. All them were b) _____
keen to get away from the heat, but couldn't decide place to visit. c) _____
It only draw of lots which could finally decide the matter. d) _____
They decided on Ooty it was neither too far away nor too crowded. e) _____

(II)

Srinagar abounds natural beauty. a) _____
It is often termed a paradise on earth. b) _____
Tourists from all over world come to c) _____
see its everlasting beauty is scattered over d) _____
its outskirts. It is a small place, intensely e) _____
fascinating.

Q3. Answer the following questions:

- a. In the poem 'Our Tree', how old was the elm tree? How do you know?

- b. What were the feelings of the poet when the elm tree was cut down?

- c. What kind are the things that Holmes found in Soames' room?

- d. How was Gilchrist helped by Bannister?

- e. Who possessed duplicate key to Soames' room and why?

Q4 .Write your views on the topic 'Children should be educated at school or at home'. Use A4 ssize ruled sheet to do this task.

Q5. Make a colourful poster with an attractive slogan on the topic 'Save Environment'. Use A3 size sheet to draw the poster.

हिन्दी

- प्र. 1 पाठ –14 और पाठ –15 कक्षा में कराया गया सम्पूर्ण कार्य याद कीजिए ।
- प्र. 2 भारत को आज़ाद करवाने के लिए अनेक लोगों ने अपनी जान दी है। आपके पसंदीदा स्वतंत्रता सेनानी कौन हैं और क्यों ? उनके बारे में तस्वीर के साथ चार्ट पर लिखिए ।
- प्र. 3 आप अपने बड़े-बुजुर्गों की देखभाल कैसे करते हैं ? कोई पाँच बातें लिखिए।
- प्र. 4 नीचे दिए गए मुहावरों का वाक्यों में प्रयोग कीजिए –
- क – सिर पीटना
- ख – सकपका जाना
- ग – फूला न समाना
- घ – ताक में रहना
- प्र. 5 नीचे दिए गए शब्दों के दो-दो पर्यायवाची शब्द लिखिए –
- क – तरु
- ख – सरोवर
- ग – शरीर
- घ – पृथ्वी

नोट– प्रश्न संख्या 3,4,5 को हिन्दी- 2 कॉपी में करना है तथा दिया गया प्रदत्त कार्य भी इसी कॉपी में संलग्न करना है।

प्र.1 गद्यांश को पढ़कर दिए गए प्रश्नों के उत्तर दीजिए –

मानव जीवन के लिए जिस प्रकार भोजन, नींद और साँस लेना आवश्यक है, उसी प्रकार जीवन को स्वस्थ, सुंदर और सक्रिय रखने के लिए मनोरंजन भी आवश्यक है। मनोरंजन स्वास्थ्य एवं सौंदर्य के विकास के लिए अत्यंत आवश्यक है। इससे बौद्धिक और मानसिक विकास होता है। जिस प्रकार अच्छा, ताज़ा, ढंग से पका भोजन, और स्वस्थ वातावरण शरीर को स्वस्थ बनाता है, इसी प्रकार स्वस्थ मनोरंजन मन और मस्तिष्क का उचित विकास करते हैं। अनेक प्रकार के खेल, घूमना, हँसना-हँसाना, नाटक, सिनेमा, रेडियों, टेलिविज़न आदि मनोरंजन के साधन हैं। अपनी-अपनी रुचि और स्वभाव के अनुसार व्यक्ति अपने मनोरंजन के साधन निश्चित कर लेता है।

(क) मनुष्य के लिए मनोरंजन आवश्यक क्यों है ?

(ख) मनोरंजन से क्या लाभ है ?

(ग) मनोरंजन के कौन-कौन से साधन हैं ?

प्र.2 निम्नलिखित पंशनों के उत्तर एक वाक्य में लिखिए –

क- भ्रमता-भ्रमाता आकाश क्या प्रेरणा देता है ?

ख- मनुष्य को कौन-सी शक्तियाँ चारों ओर से घेरे हुए है ?

ग- समझू ने गाड़ी में क्या लाद रखा था ?

घ- जुम्न ने किससे ज़मीन अपने नाम करवा ली ?

प्र.3 रिक्त स्थानों की पूर्ति कीजिए –

क- बैल बहुत सुन्दर और ----- थे।

ख- जुम्न की एक ----- मौसी थी।

प्र.4 मुहावरों का वाक्यों में प्रयोग कीजिए –

क- सकपका जाना

ख- फूला न समाना

MATHS

Ques. Write one example of each algebraic expression: Monomial, Binomial, Trinomial

Ques. Classify the algebraic expression according to given number of terms:

1) $x^3 + 1$ 2) $2x + 3y$ 3) $x^3 + x^2 + x + 1$ 4) $x^5 - x^4$ 5) $3x^2y^4z^5$

Solve the following algebraic identities

Q 1) $(5p^2 - 3) + (2p^2 - 3p^3)$

Q 2) $(a^3 - 2a^2) - (3a^2 - 4a^3)$

Q 3) $(4 + 2n^3) + (5n^3 + 2)$

Q4) $(4n - 3n^3) - (3n^3 + 4n)$

Q5) $(3a^2 + 1) - (4 + 2a^2)$

Q 6) $(4r^3 + 3r^4) - (r^4 - 5r^3)$

Q 7) $(5a + 4) - (5a + 3)$

Q8) $(3x^4 - 3x) - (3x - 3x^4)$

Q9) $(-4k^4 + 14 + 3k^2) + (-3k^4 - 14k^2 - 8)$

Q10) $(3 - 6n^5 - 8n^4) - (-6n^4 - 3n - 8n^5)$

Q11) $(12a^5 - 6a - 10a^3) - (10a - 2a^5 - 14a^4)$

Q12) $(8n - 3n^4 + 10n^2) - (3n^2 + 11n^4 - 7)$

Q13) $(-x^4 + 13x^5 + 6x^3) + (6x^3 + 5x^5 + 7x^4)$

Q14) $(9r^3 + 5r^2 + 11r) + (-2r^3 + 9r - 8r^2)$

Q15) $(13n^2 + 11n - 2n^4) + (-13n^2 - 3n - 6n^4)$

Q16) $(-7x^5 + 14 - 2x) + (10x^4 + 7x + 5x^5)$

Q17) $(-9v^2 - 8u) + (-2uv - 2u^2 + v^2) + (-v^2 + 4uv)$

Q18) $(4x^2 + 7x^3y^2) - (-6x^2 - 7x^3y^2 - 4x) - (10x + 9x^2)$

Q19) $(-5u^3v^4 + 9u) + (-5u^3v^4 - 8u + 8u^2v^2) + (-8u^4v^2 + 8u^3v^4)$

Q20) $(-9xy^3 - 9x^4y^3) + (3xy^3 + 7y^4 - 8x^4y^4) + (3x^4y^3 + 2xy^3)$

Q21) $(y^3 - 7x^4y^4) + (-10x^4y^3 + 6y^3 + 4x^4y^4) - (x^4y^3 + 6x^4y^4)$

Ques. Write a short note on angles and type of angles with suitable examples.

SCIENCE

Revision Worksheet

Q1. The parts of the nervous system are _____.

- (a) nerves (b) spinal cord (c) brain (d) all of these

Q2. The size of one's heart is about _____.

- (a) small ball (b) one's hand (c) one's fist (d) small circle

Q3. Nerves that carry the message from sense organs to the brain are called:-

- (a) motor nerves (b) optic nerves (c) sensory nerves (d) all of these

Q4. Bile is secreted by _____.

- (a) salivary glands (b) intestinal glands (c) liver (d) pancreas

Q5. Match the statements in column A with those in column B:-

Column A	Column B
1. Removal of urea	(a) Ovaries
2. Absorption of food	(b) Kidneys
3. Reproduction	(c) Heart
4. Tearing of food	(d) Teeth
5. Pumping of blood	(e) Small intestine

Q6. How many teeth does an adult have? Name the different types of teeth.

Q7. Where are the salivary glands located? What functions does saliva perform?

Q8. (a) How many chambers are there in our heart?

(b) Name the upper chamber of the heart.

(c) Name the lower chamber the heart.

Q9. Define:-

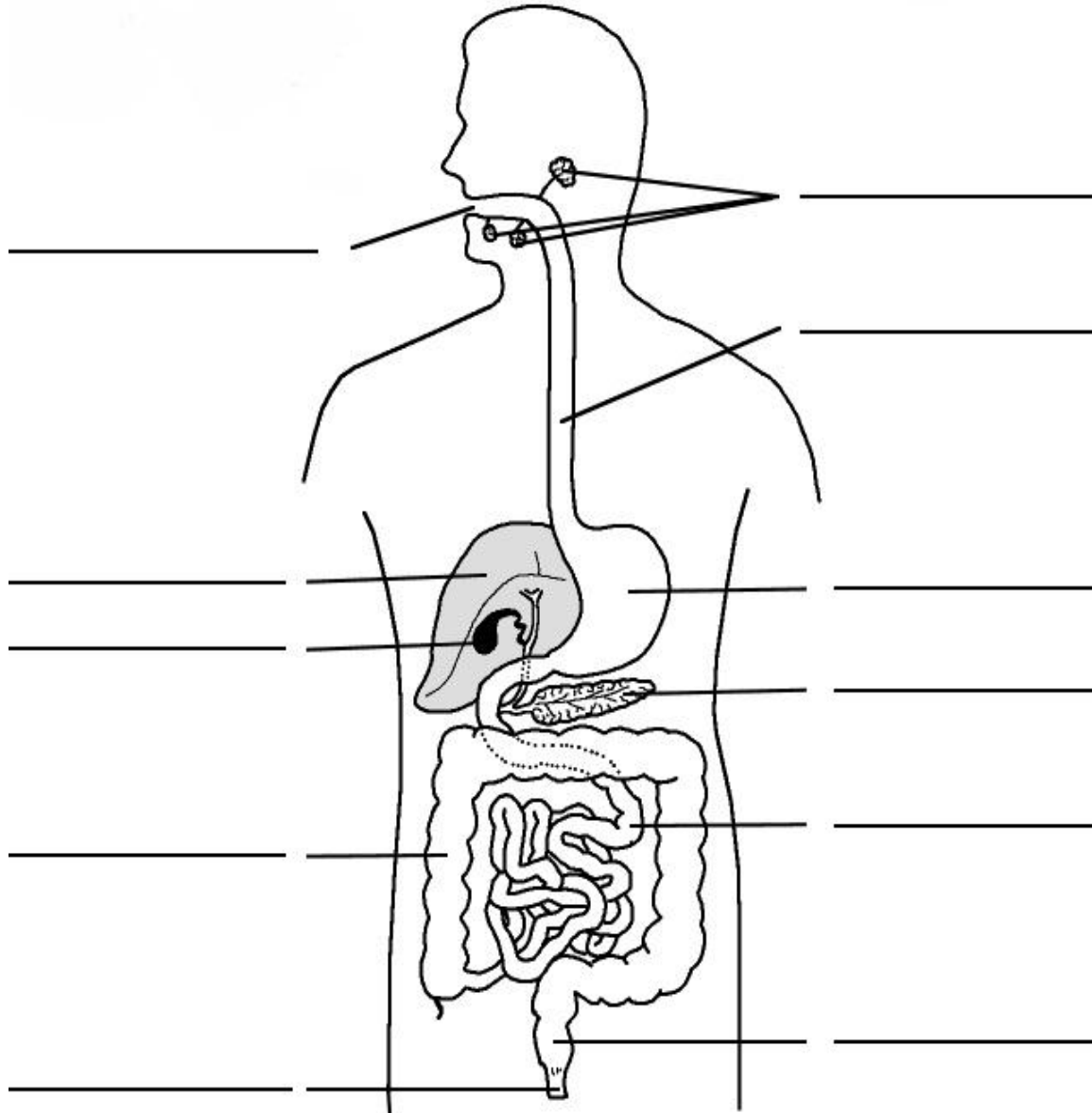
(a) arteries

(b) veins

(c) capillaries

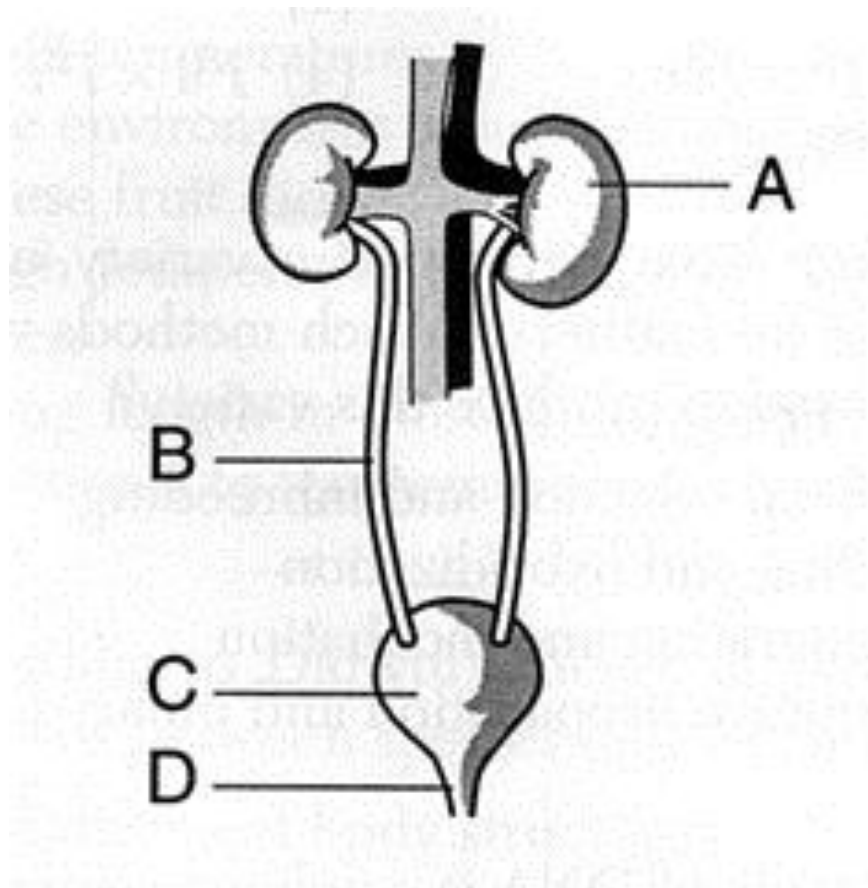
Q10. What happens to the partly digested food when it enters the small intestine?

Q11. (a) Label various organs present in the human digestive system:



Digestive System

(b) Label the different organs present in the human excretory system:



Note: Solve the above worksheet on A4 sized ruled sheets.

SOCIAL SCIENCE

1. Prepare a list of different Continents and Oceans in order of their size.
2. Write details of Sanchi Stupa with regard to its architectural glory.
3. Write the name of the place that is nearest to equator and also the one that is farthest from the equator.
4. Collect information about the Nav Ratnas who adorned the court of Chandragupta-II.

Q1. Answer the following questions by writing the correct option:-

- i. The chairperson of the Gram Panchayat is not called as-
 - a. Pradhan
 - b. President
 - c. Mukhia
 - d. Sarpanch
- ii. Initial temples of the Gupta period were found to have-
 - a. One room
 - b. Three rooms
 - c. Two rooms
 - d. Six rooms
- iii. Harsha died in-
 - a. 605 A.D.
 - b. 647 A.D.
 - c. 650 A.D.
 - d. 652A.D.
- iv. If there is noon on one side of the earth, the opposite side will have-
 - a. Morning
 - b. Mid-night
 - c. Evening
 - d. Twilight

- v. Which one of the following gases has the largest volume in the atmosphere?
a. Nitrogen c. Oxygen
b. Neon d. Argon

Q2. Fill in the blanks:-

- i. The secretary of the Block Samiti is _____.
ii. Farmers had to pay _____ of their produce as tax during Vardhan period.
iii. _____ was a renowned poet in the court of Chandragupta-II.
iv. The year of 366 days is called a _____ year.
v. Chandragupta Maurya invaded Magadha with the help of _____.

Q3 State whether the following statements are true or false:-

- i. The number of continents on the surface of the earth is 7.
ii. Ujjayini was the capital of the Mauryas.
iii. Sri Gupta established the Gupta Empire.
iv. Nalanda was a city.
v. The Nyaya Panchayat can impose a fine upto Rs. 200.

Q4. Answer the following questions:-

- i. Write two functions of the Gram Sabha.
ii. Who was Hiuen-Tsang?
iii. Mention the sources of income of a village Panchayat.
iv. How was trade carried on in Gupta period?
v. Write any three functions of the Zila Parishad.
vi. What were the effects of the Kalinga war?
vii. Define plains. Explain briefly the formation of plains.
viii. Distinguish between rotation and revolution.
ix. Name the tool that helped in clearing the forests.
x. What changes took place in the religion from the early Vedic period to the later Vedic period.

Q5 On the political map of India mark the following places:-

- i. Pataliputra
ii. Nalanda
iii. Sanchi
iv. Prayaga
v. Kalinga
vi. Boundaries of Gupta Empire

Note- Do the assignments on A4 size ruled sheets.

संस्कृतम्

वार्षिकपाठ्यक्रमपुस्तिकायाः (Academic Plan) प्रदत्तकार्यम् – 2 अभ्यासपुस्तिकायां (Practice Notebook) कुर्वन्तु ।