

D.A.V. PUBLIC SCHOOL

Sector- VI, Dwarka, New Delhi -110075

Holiday Homework Class-VII

ENGLISH

Q1) Read the following poem carefully:-

Success is Sure

For those who toil from morning to night
For those who fight with their mental might
For those who climb up steep steps
While others turn back losing hope
Nothing succeeds like success.
It may make you attempt
May be one,two or three
Obstacles will put you down
From them you must break free
For those who sacrifice toay
To get a better tomorrow
Nothing succeeds like success
Keep trying , keep working without looking back
Remain motivated , don't lose track.
Success is a journey
Not a destination
And when you reach its station
With hope and determination
You'll realise like others have
Nothing succeeds like success.

Complete the summary of the poem given below. Complete it by writing the missing word in each blank:-

If one wants to be _____ one will have to (b)_____ hard from morning to night. Success can easily be achieved by those who use the power of their (c)_____ to fight all odds, overcome all (d)_____ and not ever lose (e)_____.

Sometimes one has to sacrifice one's present for a better (f)_____. one has to keep trying (g)_____ without looking back at the past. One has to constantly motivate oneself and remain on a single (h)_____ i.e. one clear goal. With hope and (i)_____ one is sure to reach one's (j)_____ i.e. success. Sooner or later everyone has to have this realization.

Q2) In the following passages one word has been omitted in each line. write the missing word along with the word that comes before and after it against each line.. underline your answer :-

When our earth was covered water (a) _____
All creatures to swim in it. when (b) _____
The sea water subsided land appeared, (c) _____
The sea creatures crawled out and learnt
Breathing and walking land. When there (d) _____
Were not enough plants left eat, they (e) _____
learnt to hunt and kill for food. Things (f) _____
are still changing and you want (g) _____
to survive, you have to change too. (h) _____

Global warming means the gradual
increase the average temperature (a) _____
on Earth to the increasing (b) _____
amount greenhouse gases in the (c) _____
atmosphere. As the earth getting (d) _____
hotter, disasters hurricanes (e) _____
droughts floods occur more often. (f) _____
Over last 100years, the average (g) _____
temperature of the air near the Earth's
surface has risen a little less 1°C. (h) _____

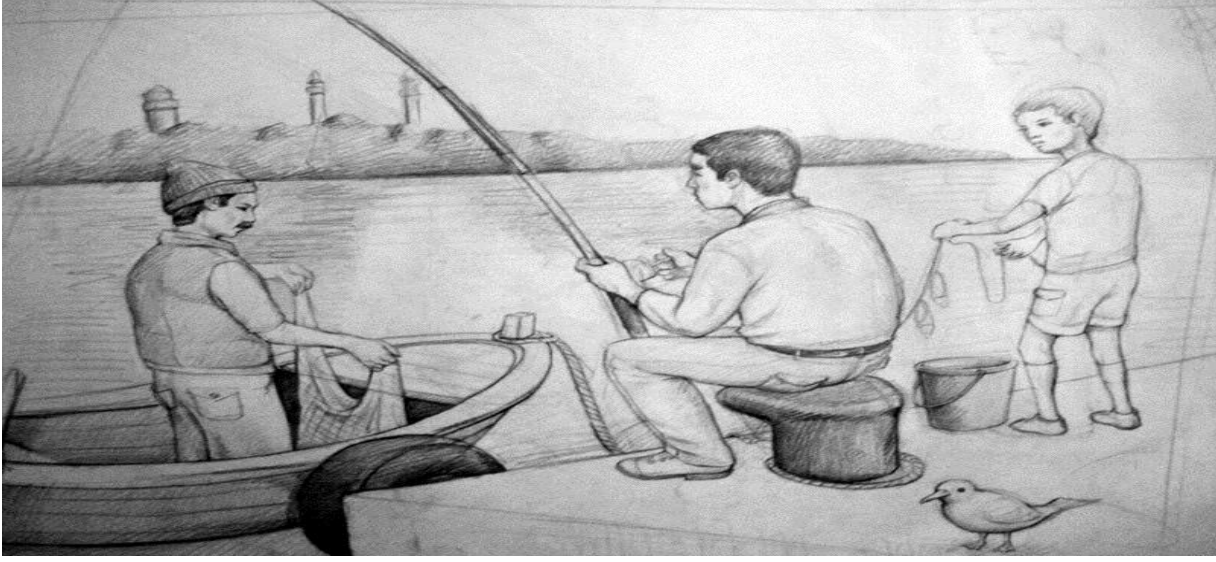
Q3) Compare and contrast the main characteristics of a flattering foe and a true Friend.

Q4) Imagine yourself to be Captain Kumar. Write a diary entry expressing your feelings when you were trapped in the typhoon while going towards the Philippines.

Q5) Write a slogan on the topic 'Unity in Diversity'. It will be assessed as FA4 Activity (Individual Activity).

हिंदी

प्रश्न 1. नीचे दिए गए चित्र का वर्णन अपने शब्दों में कीजिए।



प्रश्न 2. बढ़ती महँगाई पर दो व्यक्तियों के बीच संवाद लिखिए |

प्रश्न 3. कार की बिक्री को बढ़ाने के लिए एक शानदार रंगीन विज्ञापन ए-3 आकार के चार्ट पेपर पर बनाइए |

प्रश्न 4. नीचे दिए गए तत्सम शब्दों के तदभव रूप लिखिए –

पादप, कर्ण, मक्षिका, क्षेत्र, मृत्तिका, हस्त, सत्य, दुग्ध, स्वप्न, उष्ट्र |

प्रश्न 5. नीचे दिए गए वाक्यों के मोटे काले अंश में आए कारक का नाम लिखिए –

(क) माताजी ने पत्र पढ़ा | (ख) उसने मीना के लिए लड्डू खरीदे |

(ग) रोहित मोहित से छोटा है | (घ) बच्चे झूले पर बैठे हैं |

(ङ) नानाजी ने बच्चों को कहानी सुनाई |

प्रश्न 6. नीचे दिए गए शब्दों में संधि कीजिए –

(क) वीर + उचित = ----- (ख) शीत + अवकाश = -----

(ग) परम + आनन्द = ----- (घ) यथा + इष्ट = -----

(ङ) राज + ईश = ----- (च) योगी + इंद्र = -----

प्रश्न 7. निम्नलिखित उपसर्गों से दो-दो शब्द बनाइए-

- (1) वि (2) प्रति (3) अनु (4) प्र (5) ना (6) अति (7) ला
(8) कु (9) परा (10) आ

प्रश्न 8.. निम्नलिखित शब्दों में से मूल शब्द व प्रत्यय अलग-अलग करके लिखिए –

- (1) अपनापन (2) बचपन (3) कठिनाई (4) आकर्षित (5) समझदारी (6) स्वर्णिम
(7) मजबूती (8) जिम्मेदारी (9) बुढ़ापा (10) उत्सुकता (11) विशेषज्ञता
(12) नाटकीय (13) बुनियादी (14) शांतिपूर्ण (15) कहानियाँ

प्रश्न 9. निम्नलिखित वाक्यों का रचना के आधार पर भेद लिखिए –

- (1) जो विद्वान् होता है उसे सभी आदर देते हैं |
(2) वह आया था, परन्तु मैं न मिल सका |
(3) जब वह आया, तब मोहन सो रहा था |
(4) खरगोश पेड़ के नीचे सो गया, क्योंकि उसे बहुत घमंड था |
(5) कल मैं लखनऊ जा रहा हूँ और वहाँ से मुम्बई जाऊँगा |
(6) तेज वर्षा हुई | नदी में बाढ़ आ गई |
(7) 'जो छात्र प्रथम आया है, वह वास्तव में प्रतिभावान है।'
(8) 'सूर्य निकला और प्रकाश हो गया |'
(9) सकंट आ जाए तो घबराना उचित नहीं |

निर्देश – दिए गए वार्षिक पाठ्यक्रम से प्रदत्त कार्य-2 भी पूरा करें |

उपरोक्त सभी प्रश्नों को (H2) व्याकरण की कॉपी में करें |

MATHS

Q 1) Solve the following equations

- (a) $5 + \frac{p-1}{2} = p$
(b) $\frac{x-3}{5} + 7 = \frac{2x+1}{3}$
(c) $15(x-9) - 2(x-12) + 5(x+6) = 0$

Q 2) The cost of 3 tables and 2 chairs is Rs 745. If one table costs Rs 40 more than one chair, find the price of each.

Q 3) A sum of Rs 500 is in the form of Rs 5 and Rs 10 notes. If the total no. of notes is 75, find the number of notes of each type.

Q 4) **Value based question**

A horse and cart together costs Rs 1600. If the cost of the cart is one-third of the cost of the horse, find the cost of cart and the horse separately. Owner sells the cart for Rs 500 saying that he is selling at the cost price. Do you think he is lacking moral values? Explain the moral values lacking in him.

Q 5) PQRS is a parallelogram. QM is the height from Q to SR and QN is the height from Q to PS. If SR=14cm and QM=6.4cm, find

- (i) The area of parallelogram
- (ii) QN, if PS = 8cm

Q 6) The altitude of a field in the form of a triangle is half of its base. If the cost of irrigating the field at the rate of Rs 280 per hectare is Rs 4480, Find its base and altitude.

Q 7) Shazli took a wire of length 44 cm and bent it into the shape of a circle. Find the radius of that circle. Also find its area. If the same wire is bent into the shape of a square, what will be the length of each of its sides? Which figure encloses more area, Circle or Square?

Q 8) A circular flower bed is surrounded by a path 4 m wide. The diameter of the flower bed is 66m. What is the area of this path?

Q 9) A circular flowerbed has an area of 314 sqm. A sprinkler at the centre of the garden can cover an area that has a radius of 14m. Will the sprinkler water the entire garden?

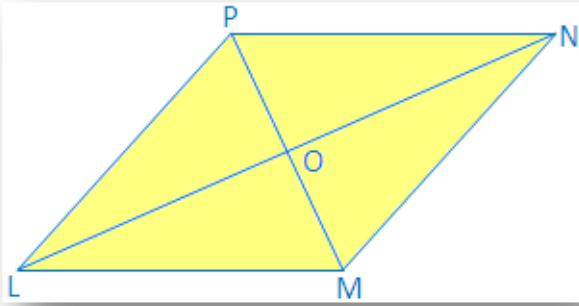
Q 10) A path 3 m wide runs outside and around a rectangular park of length 120 m and breadth 65 m. Find the area of the path in hectares.

Q 11) Through a rectangular field of length 80 m and breadth 60 m, two roads are constructed which are parallel to the sides and cut each other at right angles through the centre of the field. If the width of each road is 3 m, find

- (i) The area covered by the roads
- (ii) The cost of constructing the roads at the rate of Rs 120 per sqm

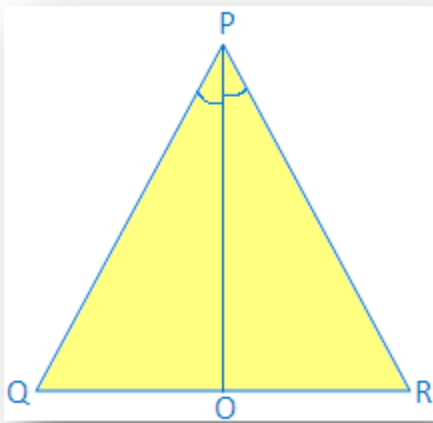
Q 12) The area of Rhombus is 72 sq cm. If its perimeter is 36 cm, find its altitude.

Q 13) By Side Side Side congruence prove that 'Diagonal of the rhombus bisects each other at right angles'.

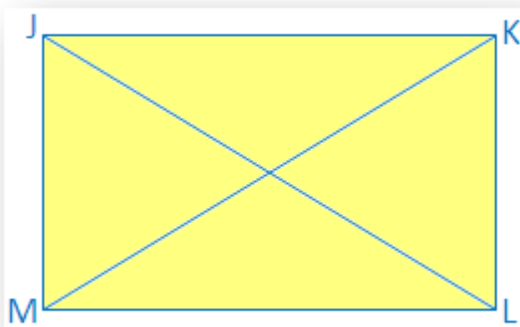


It is required to prove that $LN \perp MP$ and $LO = ON$ and $MO = OP$.

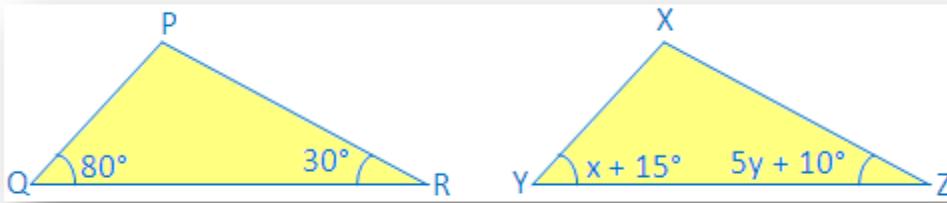
Q 14) Show that bisector of the vertical angle of an isosceles triangle bisects the base at right angle.



Q 15) Prove that Diagonals of a rectangle are equal



Q 16) . $\Delta PQR \cong \Delta XYZ$ by ASA congruence condition. Find the value of x and y.



SCIENCE

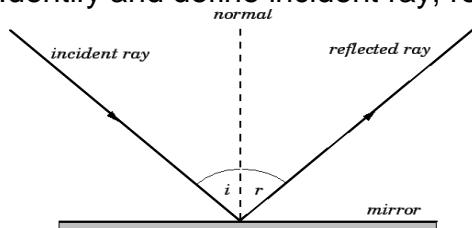
INSTRUCTION-

Do Section A and Section B of this assignment separately on ruled sheets.

SECTION A

1. Doctors sometimes use a mirror on their foreheads to examine the internal parts of the ear, nose, throat etc. What type of mirror is it?
2. Mention two uses of
 - (a) Concave mirror
 - (b) Convex mirror
 - (c) Plane mirror
3. Which mirror / mirrors always form virtual image?
4. Label the figure and answer the following questions:

- (i) Identify and define incident ray, reflected ray, i and r .



- (ii) What is reflection?
 (iii) What are the laws of reflection?
5. a) Define heating effect of current.
 b) Write two uses of heating effect.
 c) What are electric fuses? How are they useful?
 6. a) Define magnetic effect of current
 b) Who discovered the magnetic effect of electric current?
 c) What are electro magnets? Write two uses of electro magnets?

7. Give reasons:

- (i) In medical vans used to transport patients to hospital, has words 'AMBULANCE' inscribed on it as mirror image. Why?
- (ii) We can see light through a straight tube but not through a bent tube. Why?
- (iii) Draw a ray diagram to show reflection through concave mirror.

8. Give reasons and tell what happens when:

- (a) a dry plastic comb is rubbed through dry hair.
- (b) a dry metal comb is rubbed through dry hair.

9. Differentiate between conductors and insulators

10. What is Earthing and how is it useful?

11. How does lightning and thunder occur?

SECTION B

1. Which of the following prevent soil erosion?

- a) Animals b) plants c) water d) wind

2. A plant that reproduces from its leaf is

- a) Rose b) Carrot c) Bryophyllum d) Papaya

3. An example of a winged seed is

- a) oak b) drumstick c) castor d) Xanthium

4. List any six products we get from forests.

5. Draw the different steps in budding of yeast

6. Which soil is richest in humus?

7. i) Define sericulture

ii) What is a cocoon?

iii) Explain the process of obtaining silk thread from cocoon.

8. Give reasons for the following:

- i) Wool burns with a bad smell.
- ii) Shearing does not cause any pain to the sheep.

9. Why forests are called green lungs?

10. Name the following-

i) Parts of the stamen

- ii) The process of fusion of male and female gamete to form zygote.
- iii) The process in which the pollen of a flower lands on the stigma of another plant (of the same kind) situated far away.

SOCIAL SCIENCE

(I). Multiple choice questions : Tick the correct option –

1) Which one of the following is not a gaseous pollutant?

- (a) Monoxide
- (b) Lead particles
- (c) Sulphur dioxide
- (d) Nitrogen

2) A life supporting gas is-

- (a) Oxygen
- (b) Hydrogen
- (c) Nitrogen
- (d) Carbondioxide

3) Cold currents make the climate of the coastal areas-

- (a) Cool and dry
- (b) Moist
- (c) Cool and moist
- (d) Warm and dry

4) Tides occur-

- (a) Once a day
- (b) Quarter a day
- (c) Twice a day
- (d) Thrice a day

5) Taiga vegetation is found in-

- (a) Deserts
- (b) Coastal regions
- (c) Equatorial regions
- (d) High altitudes

6) Which one of the following device is not included in communication?

- (a) Cell phone
- (b) Pen drive
- (c) Video game
- (d) Internet

7) Who became the first Khalifa after Prophet Mohammad?

- (a) Abu Bakr
- (c) Ramananda

- (b) Sheikh Salim Chisti (d) Baba Farid
- 8) Akbar was the son of –
- a) Babur b) Humayun
c) Jahangir d) Shah Jahan
- 9) The “Koran” holy book, teaches Muslims to pray-
- (a) two times daily (c) four times daily
(b) three times daily (d) five times daily
- 10) Who wrote Tuzuk-i-Jahangiri ?
- a) Akbar b) Humayun
c) Shah Jahan d) Jahangir
- 11) Meerabai was an ardent devotee of-
- (a) Krishna (c) Durga
(b) Shiva (d) Saraswati
- 12) The right to vote was given to women in England in the year-
- (a) 1927 (c) 1928
(b) 1929 (d) 1930
- 13) The Right to Information Act was passed in the year-
- (a) 2004 (c) 2005
(b) 2006 (d) 2007
- 14) Who was credited with the invention of the first machine with a type mould?
- (a) Johan Gutenberg (c) Ptolemy
(b) Wright brothers (d) Thomas Edison
- 15) What is the full form of BIS?
- (a) Board of Indian Standards (c) Board of International Standards
(b) Bureau of International Standards (d) Bureau of Indian Standards

(II) Activity-

Prepare a chart on any one of the following-

(a) Major Religions (teaching and principles)

(b) The Mughal Rulers

संस्कृतम्

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