

DAV Public School
Sector-VI, Dwarka

Session 2016-17

CLASS – VII

HOLIDAY HOMEWORK



ENGLISH

Q1. Read the following passage carefully :

Tarzan grew up in the forest with the other apes. He looked upon Kerchak, the leader of the gorillas, as his father. Kala, the mother ape, had brought him up as her own son. Tarzan and the animals understood one another very well. They helped each other out. Tarzan entertained all the animals with his special 'Tarzan call'. Cheeta, the chimpanzee, became his best friend.

One day, a group of hunters came to the forest looking for some wild gorillas to capture. One of them spotted Tarzan swinging on the vines from tree to tree. They were surprised to find a wild man in the forest. So they decided to catch him instead. We will display him in a circus and make a lot of money,' they thought.. The hunters caught him and bound him with ropes. Tarzan managed to give his special 'Tarzan call'. His animal friends realized that he was in danger.

The apes, elephants and many other animals went in search of their human friend. Kerchak went with them. They managed to overpower the hunters; but one of them escaped. He pointed a gun at Tarzan from behind the trees. Kerchak saw him. The bullet that would have hit Tarzan, hit Kerchak instead. The brave gorilla finally died; but before he passed away, he gave Tarzan the responsibility of looking after the apes and the other animals.

Q1.1 Answer these questions:

- (A) Who brought up Tarzan in the forest?
- (B) Who became Tarzan's best friend?

Q1.2 Complete the following sentences:

- A) Tarzan entertained all the animals with _____.
- B) The hunters decided to catch Tarzan because _____.

Q1.3 Find a word from the passage that means the same as 'Captain' (para1).

Q1.4 Find a word from the passage that means the opposite of 'worst' .(para1).

Section B (Writing)

Q2. Kiran had conversation with her mother's friend, Sudha. Since she was going out immediately she left a message for her mother. Read the conversation and write the message in not more than 50 words:

Sudha : Hello ,this is Sudha speaking .Can I speak to Kamini?

Kiran : She is not at home, Aunty.

Sudha : When is she likely to return?

Kiran : Not before six in the evening. Can I take your message?

Sudha : Yes , please. Could you tell her that I have been able to make the appointment with the Editor of the magazine 'OUTLOOK'? We have to meet her at 10 am tomorrow. Since Kamini doesn't know the place, I shall come and pick her up at 9:40 am. She should bring the articles she wants to get published in the magazine.

Section -C (Grammar)

Q3. In the following passage one word has been omitted in each line. Write the missing word along with the words before and after it in the space provided.

	<u>Word before</u>	<u>Missing Word</u>	<u>Word After</u>
Prithviraj Chauhan was last	(a) _____	_____	_____
Hindu king ruled at Delhi.	(b) _____	_____	_____
He was great ruler and the	(c) _____	_____	_____
people loved. There are many	(d) _____	_____	_____
great stories of great deeds.	(e) _____	_____	_____
Even today people celebrate victories	(f) _____	_____	_____
and sing his praises.			

Q4. I. Fill in the blanks in the following sentences by using appropriate modals

- a) _____ you please tell me the direction to the hotel?
- b) You _____ pay in cash. They do not accept credit cards.
- c) I _____ come home from the office today.
- d) _____ I help you?
- e) You _____ clean your room.
- f) We _____ keep the lights and fans switched off when they are not in use.
- g) We _____ improve the existing education system.
- h) _____ you have a wonderful day!
- i) I _____ go to see the movie. The reviews are good.
- j) I _____ definitely be at the airport to receive you.
- k) She _____ take her meals regularly.
- l) You _____ reach home before eleven, she said.
- m) _____ we go for a walk?
- n) The soldiers in the Army _____ wear a uniform.

II. Fill in the blanks with the correct modals given in the brackets.

God is great and we (a) _____ (should/would) be grateful to him. We (b) _____ (might/should) do our duty and leave the reward in the hands of God. Ultimately, God (c) _____ (might/will) help us. We (d) _____ (might/should/may) leave everything to God.

Section –D (Literature)

Q5. Read the following extract and answer the questions that follow:

Every man will be thy friend
 Whilst thou hast wherewith to spend;
 But if store of crowns be scant,
 No man will supply thy want.

- a. When do we find ourselves surrounded by friends?
- b. When do fake friends abandon us?
- c. How does Shakespeare define flatterers? What might be going on in his mind? Why do you think he finally accepted the suggestion?

हिंदी

खण्ड (क)

प्रश्न 1. नीचे दिए गए तत्सम शब्दों के तदभव रूप लिखिए -

(क) पादप -----

(घ) कर्ण - -----

(ख) क्षेत्र - -----

(ङ) मृत्तिका - -----

(ग) सत्य - -----

प्रश्न 2. नीचे दिए गए वाक्यों के मोटे काले अंश में आए कारक का नाम लिखिए -

(क) **अंकिता ने** बस्ता उठाया।

(ख) उसने **मीना के लिए** लड्डू खरीदे।

(ग) गंगा **गंगोत्री से** निकलती है।

(घ) बच्चे **झूले पर** बैठे हैं।

(ङ) नानाजी ने **बच्चों को** कहानी सुनाई।

प्रश्न 3. नीचे दिए गए वाक्यों में क्रिया-विशेषण शब्दों को रेखांकित कर उनका भेद लिखिए -

(क) श्वेता की चूड़ियाँ **ज़ोर से** खनक रही थी।

(ख) वे कल **चले जाएँगे**।

(ग) उपासना **धीरे-धीरे** चलती है।

(घ) तुषार **ऊपर** बैठा है।

प्रश्न 4. निम्नलिखित उपसर्गों से शब्द बनाइए-

(क) वि -----

(ग) प्रति -----

(ङ) अनु -----

(ख) ना -----

(घ) अति -----

प्रश्न 5. निम्नलिखित शब्दों में से मूल शब्द व प्रत्यय अलग-अलग करके लिखिए -

(क) अपनापन= -----+----- (2) कठिनाई= -----+-----

(ख) आकर्षित= -----+----- (घ) स्वर्णिम= -----+-----

(ग) मजबूती= -----+-----

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. घर के वातावरण को सुगन्धित रखने के लिए एक नए उत्पाद का विज्ञापन बनाईए।

प्रश्न 8. नीचे दिए गए चित्र का वर्णन अपने शब्दों में कीजिए।



खण्ड (ख)

प्रश्न 1. पाठ सवाल का जवाब में आए जीवन-मूल्यों को स्पष्ट कीजिए।

प्रश्न 2. कठिनाई आने पर वीर और कायर व्यक्ति कैसा व्यवहार करते हैं?

प्रश्न 3. श्यामू ने पैसे क्यों चुराए थे?

प्रश्न 4. अरुणिमा को पद्मश्री का सम्मान किस वर्ष में मिला?

प्रश्न 5. सिकंदर ने पुरु का राज्य क्यों लौटा दिया?

प्रश्न 6. अरुणिमा सारी दुनिया को क्या बताना चाहती थी?

MATHS

- Q1) Find the height of a parallelogram whose area is 428.04 sq cm and base is 24.6 cm.
Q2) The area of a rhombus is 441 sq cm and its perimeter is 84cm. Find the altitude.
Q3) Find the area of the quadrilateral PQRS whose diagonal PR is 30 cm in length and the lengths of the perpendiculars to it from the opposite vertices are 8.6cm and 6.8 cm respectively.
Q4) The diameter of the wheel of a car is 77 cm. How many revolutions will it make to cover a distance of 72.6 m?
Q5) A wire 44 cm long is bent to form a square . A ribbon 44 cm long is made to form a circular ring. Which encloses more area and by how much?
Q6) Find the area between two concentric circles ,where circumference of the outer circle is 176 cm and the circumference of inner circle is 132 cm.
Q7) The side of a square flowerbed is 1 m 60 cm. It is enlarged by digging a path 25 cm wide all around.
Find:
(a) the increase in the area of flowerbed.
(b) the area of the enlarged flowerbed.
Q8) Two crossroads, each of width 8 m, run at right angles through the centre of a rectangular garden of length 500 m and breadth 250 m and parallel to its sides.
Find:
(a) the area of the garden excluding crossroads.
(b) the area of the crossroads.
Convert these areas into hectares.
Q9) The area of a right triangle is 184 cm² and base is 16 cm long. Find the length of height.
Q10) If the circumference of a circular sheet is 176 m, find its area.
Q11) The area of a circle is 616 cm². Find its circumference.
Q12) Two circles have areas in the ratio 36 : 49. Find the ratio of their circumference.

SCIENCE

1. Complete the assignment in Science notebook.
2. Complete the lab files from the class blog.
3. Revise chapter 10 and 13 for FA4 test.

Assignment

Chapter – Soil

Chapter- Weather, Climate and Adaptation of animals

I. Fill in the blanks :

1. The rotting dead matter in the soil is called _____.
2. A vertical section through different layers of the soil is called _____.
3. The mixture of _____ and humus is called the soil.
4. Percolation rate of water is the highest in the _____ soil and least in the _____ soil.
5. The best top soil for growing plants is _____.
6. The removal of land surface by water, wind or ice is known as _____.

II. Write True or False :

1. If the amount of large and fine particles is about the same, then the soil is called loamy soil.
2. The layer which is hard and difficult to dig with spade is called top soil.
3. Sandy soil is used to make pots, toys and statues.
4. Soil is affected by climatic factors.
5. The soil which is light, well aerated and rather dry is clayey soil.
6. In deserts, soil erosion occurs through wind.
7. Cotton is grown in sandy loam soil.
8. Soil erosion takes place in areas of heavy vegetation.

III. Name the following :

1. Two agents of weathering.
2. The uppermost layer of soil.
3. The type of soil that can hold more water.
4. The soil which is a mixture of sand, clay and silt.
5. Three agents of soil erosion.

IV. Complete the words:

- a) Soil with greater proportion of big particles.- S____S____I
- b) Soil with greater proportion of fine particles.- C____y____s____I
- c) Soil with highest percolation rate - _a_d_s____I
- d) Soil with almost equal amount of large and fine particles. - L____m____S____
- e) Soil with highest water holding capacity - C____y s____I

V. Calculate the rate of percolation.

Formula -- $\text{Rate of percolation} = \frac{\text{Amount of water}}{\text{Percolation time}}$ in ml / min.

For a certain sample of soil , it tooks 25 minutes for 300 ml to percolate.

V. Choose and tick the correct option

- a) Feeling very hot
- b) Sweating too much
- c) Very pleasant weather
- d) Too cold
- e) Early morning temperature of a day

- Options
- i) Temperature below 20°C or Temperature above 40°C
 - ii) Humid weather or Dry weather
 - iii) Temperature above 40°C or Temperature about 20°C
 - iv) Temperature less than 5°C or Temperature more than 15°C
 - v) Maximum temperature or Minimum temperature.

VI. Recognize the animals given below and write any two adaptive features of each in the given spaces.

A) Name of the animal P__g__in



Two adaptive features

- 1. _____
- 2. _____

B) Name of the animal P_____ B_____



Two adaptive features

- 1. _____
- 2. _____

VII. Collect weather reports of any two successive days and complete the given table.

	Date	Maximum temperature	Minimum temperature	Time of Sunrise	Time of sunset	Humidity
Weather report 1						
Weather report 2						

SOCIAL SCIENCE

Q1. Tick the correct option:

- 1. Part of rain water that percolates inside the earth :
 - a) water cycle
 - b) precipitation
 - c) ground water
 - d) evaporation

- 2. _____ is known as the forerunner of Akbar :
 - a) Sikander Suri
 - b) Sher Shah
 - c) Humayun
 - d) Jahangir

3. Cluster or group of houses is known as:

a) Forests	c) grasslands
b) Biosphere	d) settlement

4. Food for marine life:

a) Plankton	c) homosapiens
b) Manganese nosules	d) taiga

5. Ibadat Khana was set up in :

a) Mathura	c) Delhi
b) Fatehpur Sikri	d) Golconda

6. Tropical grasslands in Brazil are known as:

a) Savanna	c) Campos
b) Veld	d) Downs

7. The type of vegetation found in high altitudes are :

a) Tropical hardwood forests	b) Tropical Deciduous forests
b) Temperate Grasslands	d) Coniferous forests

8. Full form of BIS is :

a) Bureau of International Standards	c) Bureau of International Settlements
b) Bureau of Indian Standards	d) Bureau of Indian Settlements

9. _____ is called the lifeline of a country:

a) Roadways	c) Airways
b) Railways	d) Waterways

10. International Women's Day is celebrated on

a) March 7	c) March 8
b) March 9	d) March 10

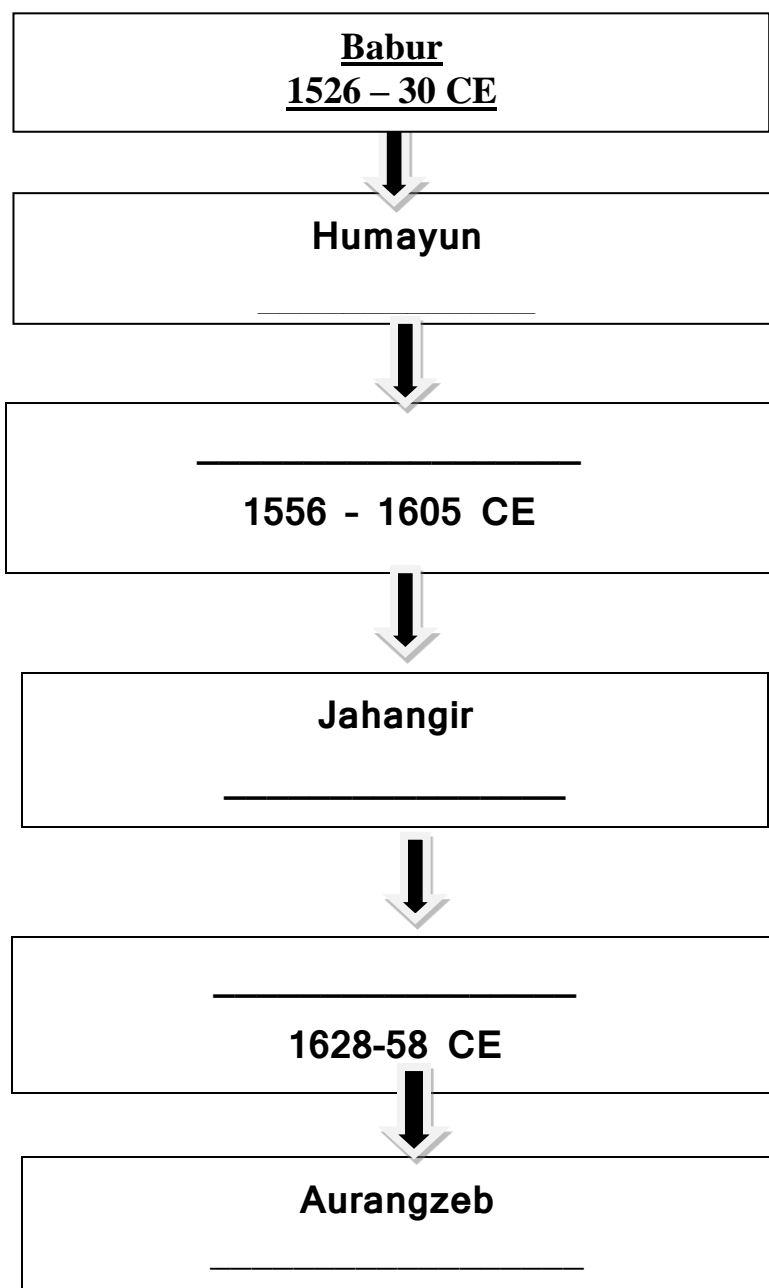
Q2. Collect information about the following :

- a) The highest road in India _____
- b) The longest railway line of the world _____
- c) The International Airports of
 - Delhi _____
 - Mumbai _____
 - Chennai _____
 - Kolkata _____
 - _____

Q3. Complete the following table :

Name of Country/ Continent	Name of Grassland
Brazil	
	Savanna
North America	
	Downs
South America	
	Steppes
South Africa	

Q4. Complete the following Timeline of Mughal Empire :



संस्कृतम्

1. निर्देशानुसारं शब्दरूपाणि लिखतु -

- क. किम् (स्त्रीलिङ्गम्)-द्वितीया-बहुवचनम्
ख. किम् (नपुंसकलिङ्गम्) -पञ्चमी-द्विवचनम्
ग. किम् (पुंलिङ्गम्) - षष्ठी-एकवचनम्
घ. मति-प्रथमा-बहुवचनम्
ङ. मति- षष्ठी-बहुवचनम्

2. निर्देशानुसारं धातुरूपाणि लिखतु -

- क. लिख्-लोट्लकारः -प्रथमपुरुषः -एकवचनम्
ख. वद्-लोट्लकारः -मध्यमपुरुषः -द्विवचनम्
ग. हस्-लोट्लकारः -उत्तमपुरुषः -बहुवचनम्
घ. पा-लङ्लकारः -मध्यमपुरुषः -द्विवचनम्
ङ. दृश्-लङ्लकारः -प्रथमपुरुषः -एकवचनम्
च. वद्-लङ्लकारः -मध्यमपुरुषः -बहुवचनम्

3. उपसर्गं योजयित्वा पृथक् कृत्वा वा लिखतु -

- (क) उप + हारः =
(ख) उपनयनम्=
(ग) उत् + कर्षः =
(घ) उद्भवः =
(ङ) अनु+वादः =
(च) अनुसरणम्=
(छ) अव + करः =
(ज) अवमानना=
(झ) परि + हारः =
(ञ) परिपृच्छति =

4. उचितैः अव्ययपदैः रिक्तस्थानानि पूरयतु-

मञ्जूषा - ऋते, पुरा, विना, नमः, एव, उच्चैः, श्वः, ह्यः, अधुना

- (क) दिल्ल्याः नाम इन्द्रप्रस्थः आसीत् ।
(ख) जलात् जीवनं नास्ति ।
(ग) कक्षायां श्रेष्ठा गायिका जाह्नवी अस्ति ।
(घ) वायुं कः अपि जीवितुं न शक्नोति ।
(ङ) शिवाय ।

- (च) वयम् पुस्तकालयं गच्छामः ।
 (छ) कदापि न हसतु ।
 (ज) मम विद्यालयेउत्सवः अभवत् ।
 (झ) अहं भ्रमणाय उद्यानं गमिष्यामि ।

5. उचितैः अर्थैः शब्दानां मेलनं करोतु-

1. तालिका	(क) परिश्रमः
2. उद्यमः	(ख) कार्यस्य
3. कर्मणः	(ग) करतलध्वनिः

6. मञ्जूषातः उचितम् अर्थं चित्वा लिखतु-

- (क) कलाकारस्य रुचिः कस्मिन् आसीत् ? (पठने/लेखने/चित्रनिर्माणे)
 (ख) पर्वतानां पृष्ठतः किं भवति स्म ? (चन्द्रोदयः/सूर्योदयः/तारकोदयः)
 (ग) गोपालकः काः चारयति स्म ? (धेनूः/अजाः/खगाः)
 (घ) चित्रकारः कतिवारं चित्रम् अपश्यत् ? (द्विवारम्/अनेकवारम्/एकवारम्)

7. स्थूलपदानि आधारीकृत्य प्रश्ननिर्माणं करोतु-

- (क) पर्वते सः शोभनं दृश्यम् अपश्यत् । (किम्, कस्य, कः)
 (ख) पर्वतानां पृष्ठात् सूर्योदयः भवति । (कस्य, केषाम्, कस्मिन्)
 (ग) चित्रकारः नगराद् बहिः अगच्छत् । (कस्मात्, कस्य, केन)
 (घ) चित्रकारः पर्वतस्य कोणे आसीत् । (कः, कस्य, किम्)
 (ङ) सः ध्यानभङ्गेन पतिष्यति एव । (कः, केन, कम्)

Multidisciplinary Project

Topic – Agriculture

Subject	Description	Specific Guidelines
English	Prepare a crossword using words related to 'AGRICULTURE'	<p>a. To be done on A4 size sheet.</p> <p>b. The vocabulary chosen for the crossword should be relevant to the topic.</p>
Mathematics	<ul style="list-style-type: none"> • Prepare the list and paste the pictures of atleast 5 major crops grown in India. • Compare the production of each of these crops from 2011 to 2015 by representing it in the form of a bar graph. • On the basis of graph answer the following questions- <ol style="list-style-type: none"> a) Which crop has highest production in India? b) Find the average crop production in each case. 	<ul style="list-style-type: none"> • Paste the pictures on A4 sheet. • Paste the graphs on A4 size sheets • Use different graphs for different crops.. <p>The written work should be done on A4 size sheets</p>
Science	<p>Soil plays a vital role for agriculture. The farmers need to know the texture of the soil. Let's help them to check the texture of soil present in their field and help them choosing the crops to be grown. Click the link given below and complete the activity</p> <p>https://drive.google.com/file/d/0B9zE6dP0mmzlXzlQzzZwR1hiYVvk/view?usp=sharing</p>	Answer the questions carefully. Paste the sheets of activity on coloured A3 Size sheets.
Social Science	<p>Agriculture is the backbone of India's economic development. To understand it further:</p> <ol style="list-style-type: none"> a) On a political map of India mark 2 states (each crop) producing the following major crops – rice, wheat, Cotton, Jute, Tea, Coffee b) Do a comparative study of agricultural farms in the USA and India on the basis of <ul style="list-style-type: none"> • Size of farm • Capital investment • Market • Labour • Mechanization and use of technology 	<ol style="list-style-type: none"> a) Map work should be well labeled ; clearly written names of states and crops and pasted on colored A4 Sheet. b) The comparative study will be done on colouredA4 sheet with the help of pictorial representations.

Hindi	भारत एक कृषि प्रधान देश है भारतीय कृषि पर जानकारी एकत्रित कर चित्र सहित परियोजना कार्य भारतीय कृषक पर एक कविता लिखिए	• A-4 शीट का प्रयोग कीजिए
Sanskrit	A-4-आकारस्य स्फोरकपत्रेषु (on Chart Paper) 'कृषिः' (Agriculture)- इति विषयकाणां चित्राणां संग्रहं/निर्माणं कृत्वा संश्लेषयतु (Paste) ; तत्र अधः तेषां नामानि च संस्कृत-भाषायां लिखतु अर्थात्चित्राणि निर्माय/लेपनं कृत्वा तेषां संस्कृत-शब्दान् तत्र लिखन्तु।	
Computer Science	Create a Farming game using Scratch.	Create a multilevel (minimum 3 levels) game using scratch 1.4 and upload the same at www.scratch.mit.edu

Guidelines:

- Each group will consist of 7 students. The leader of each group will take the responsibility of planning, coordination and execution of the project.
- Each member of a group has to perform the assigned tasks of one subject of the project.
- Internet, books, magazines and newspapers can be referred to, for information. Their names / addresses of books, journals, newspapers, websites etc., should be clearly mentioned.
- After compilation, the projects of all subjects should be punched in a folder or a file consisting/containing A-4 sheets.
- The first sheet of the folder should be the content page with the name, class /sec and roll nos. of the students of the group.
- The cover page should be creative.
- The project will be assessed for FA4
- The Multidisciplinary project must be submitted latest by 16th January 2017 to the class teachers.