

DELHI PUBLIC SCHOOL, DAULATPUR
SUMMER BREAK ASSIGNMENTS- 2021-22

ENGLISH

WORKSHEET-1

1: In each of the following sentences, the underlined verb may be inappropriately used. Choose the correct form of the verb from the options. If the verb has been used correctly write your answer as ‘No correction required’.

1. I have scrutinising the area thoroughly. There is no mischievous thing here.
(a) scrutinise
(b) scrutinised
(c) was scrutinising
(d) was scrutinised
2. How does a butterfly gets its colour?
(a) got
(b) is getting
(c) getting
(d) get
3. She thinking it would rather sound silly than defensive.
(a) think
(b) thought
(c) was thought
(d) has been thinking
4. This project has to work out very diligently.
(a) worked
(b) been worked
(c) is working
(d) working
5. Asha Bhonsle was give life Time Achievement Award in IFFA 2014 in Dubai.
(a) given
(b) gave
(c) been given
(d) giving
6. Everybody is waiting for the arrival of the US President very eagerly.
(a) has been waiting
(b) waited
(c) waiting
(d) had waited
7. India winning the match against Pakistan by 76 runs.
(a) has winning

- (b) had won
(c) won
(d) were winning
8. Their flight may taking of at around half an hour, weather permitted.
(a) took
(b) take
(c) is taking
(d) was taken
9. I think, she has deliberately switched the mobile off.
(a) switches
(b) switching
(c) is switched
(d) is switching
10. The entire audience bursting out in a hilarious laughter as she said the punch line.
(a) burst
(b) had burst
(c) is bursting
(d) were bursting

2: Give the past and past participle forms of the following verbs.

1. Worry
2. Send
3. Remove
4. Shake
5. Survive
6. Walk
7. Dwell
8. Certify
9. Fly
10. Drink

3: Read the following passage carefully:

For the mobility-impaired, highly trained canines called ‘service dogs’ can pick up dropped keys, open and close drawers, retrieve prepared meals, help a person in and out of bathtub, dial 911, push and pull wheelchairs, help operate a car or van and pull off gloves, shoes, socks and jackets. Other dogs provide specific assistance to those who suffer seizures (sudden attacks of illness) and require special medication. And, of course, the helping dogs provide companionship, play and give unconditional love to the people they assist.

It is thirty odd years now since the placement of the first assistance dog. But only in recent years, with the rising independent movement among disabled people has the idea begun to spread widely.

While most service-dogs are trained to work with people who rely on wheelchairs, other categories of helping dogs include hearing-dogs who alert their owners to sounds, such as

doorbells, phones, cooking timers, alarm clocks, smoke alarms and seizure dogs which carry medication in their packs and are trained to dial 911 on large keypad phones.

Answer the following questions by selecting the most appropriate option:

Q1: The service-dogs were:

- (a) paid highly (b) less in number (c) multiple taskers (d) employees

Q2: The idea of assistance dogs became popular due to the:

- (a) independent movement among the disabled
- (b) awareness by the hospitals
- (c) independence of the country
- (d) both (a) and (c)

Q3: The categories of helping-dogs are:

- (a) domestic dogs, service dogs & seizure dogs
- (b) service, hearing and seizure dogs
- (c) hunting and domestic dogs
- (d) None of the above

Q4: There is a difference between:

- (a) the service dogs and the helping dogs
- (b) the serving dogs and canines
- (c) the canines and ordinary dogs
- (d) both (b) and (c) .

Q5: Give the noun form of ‘trained’:

- (a) train (b) trains (c) training (d) trainee

4. Read the following passage carefully:

An owl is a bird. There are two basic types of owls: typical owls and barn owls. Owls live in almost every country of the world. Owls are mostly nocturnal, meaning they are awake at night. Owls are predators—they hunt the food that they eat. Owls hunt for mice and other small mammals, insects and even fish. Owls are well adapted for hunting. Their soft, fluffy feathers make their flight nearly silent. They have very good hearing which helps them to hunt well in the darkness. The sharp hooked beaks and claws of the owl make it very easy to tear apart their prey quickly, although owls also eat some prey whole.

Owl’s eyes are unusual. Like most predators, both the eyes of the owl face front. The owl cannot move its eyes. Owls are far-sighted, which means they can see very well far away..... but they can’t see close very well at all. Fortunately, their distant vision is what they use for hunting and they can see far away even in low light. Owls have facial disks around their eyes, tufts of feathers in a circle around each eye. These facial disks are thought to help the Owl’s hearing.

Owls can turn their heads 180 degrees. This makes it look like they might be able to turn their heads all the way around, but 180 degrees is all the owl needs to see what's going on all around it. Perhaps because of the Owl's mysterious appearance, especially its round eyes and flexible neck, there are a lot of myths and superstitions about owls. Many cultures believe that owls are unusually wise. Because owls are nocturnal, some cultures associate owls with bad omens. The screech of the barn owl is considered by many to sound eerily human, like a person screaming. However, owls probably do not interact with the fates of humans at all. In fact, some owl species may become extinct because of humans.

Answer the following questions by selecting the most appropriate option:

Q1: Which of the following is not true about owls?

- (a) Owls eat small animals
- (b) Owls are able to fly silently
- (c) Owls have the best hearing of all birds
- (d) Owls have poor vision

Q2: The eyesight of the owl is used for.....

- (a) flying
- (b) hunting
- (c) sleeping
- (d) none of these

Q3: The purpose of this short article is.....

- (a) to entertain
- (b) to inform
- (c) to persuade
- (d) none of these

Q4: Title for this story can be.....

- (a) Owls hunt at night
- (b) Owls can fly silently
- (c) Owls are interesting animals
- (d) Owls have flexible necks

Q5: Which of the following is true?

- (a) The facial disks of the owl help them to see.
- (b) Owls have a strong, bent beak.
- (c) Most owls hunt for food during the day.
- (d) Owls are dangerous to humans.

5. Imagine a day without water. Write a diary entry expressing your feelings in about 100-120 words.

WORKSHEET-2 (literature)

1. Answer the following.

- I) What jobs did Hans Wolf and Jim Macpherson have when they were not soldiers?
- II) Why did the author go to Bridport?
- III) What is your opinion of the ant's principles?
- IV) The cricket says, "Oh! What will become of me?" When does he say it, and why?
- V) How did the Camel get his hump?

2. Give meanings

- I) Restore
- II) Scorch marks
- III) Muddle-headed

3. Choose the right option:

- i) **What did the ant advise him to do all winter?**
 - a) Sing
 - b) Dance
 - c) Sleep
 - d) Rest
- ii) **Whose fables is the poet “The Ant and The Cricket”adapted from?**
 - a) Rudyard Kipling
 - b) Paulo Coelho
 - c) Dan Brown
 - d) Aesop
- iii) **The author found a roll –top desk in a junk shop in_____**
 - a) London
 - b) Dusseldorf
 - c) Bridport
 - d) Dorchester road.
- iv) **It was written in pencil and dated at the top_____**
 - a) Jan25, 1915
 - b) Dec25, 1915
 - c) Dec25,1914
 - d) Dec26, 1914
- v) **Which word is closest to the meaning ‘ scarcity of food’?**
 - a) Starvation
 - b) Hunger
 - c) Misery
 - d) Famine
- vi) **How old was Mrs. Macpherson?**
 - a) Ninety –eighty years
 - b) Hundred
 - c) Hundred and one years
 - d) Hundred and two years
- vii) **Camel lived in the Howling Desert because**
 - a) He loved the desert
 - b) He could eat thorns and pickles
 - c) He didn’t want to work for man

- d) He was hiding himself from other animals.

viii) **The Ox asked the Camel**

- a) To run away from the desert.
- b) To fetch and carry
- c) To obey the man
- d) To plough the field.

Note – Learn And Revise Pre Mid Term Syllabus

हिंदी

1. आपको छुट्टियों में किसके घर जाना अच्छा लगता है? वहाँ की दिनचर्या अलग कैसे होती है? लिखिए।
2. मशीनी युग में अनेक परिवर्तन आए दिन होते रहते हैं। आप अपने आस-पास से इस प्रकार के किसी परिवर्तन का उदाहरण चुनिए और उसके बारे में लिखिए।
3. आप अपनी किसी यात्रा के खट्टे-मीठे अनुभवों को याद करते हुए एक लेख लिखिए।

MATHEMATICS

1. The sum of two rational number is 8. If one of the numbers is $\frac{-13}{7}$ Find the other. 7
2. In each of the following show that $a - (b - c) \neq (a - b) - c$.
 - (i) $a = \frac{-2}{3}, b = \frac{5}{7}, c = \frac{-1}{6}$, (ii) $a = -1, b = \frac{2}{3}, c = \frac{-7}{6}$
3. Find ten rational numbers between $\frac{-2}{3}$ and $\frac{1}{4}$.
4. Simplify $6 + (-7) + \frac{2}{9} + (-4)$
5. A two digit number is such that the sum of digits is four. If 18 is added to the number, its digit are reversed. Find the number.
6. There are 100 multiple choice questions in an exam. For every correct answer the student gets five marks and for every wrong answer two marks are deducted from the total score. If the student attempts all the question and his total score is 220, how many questions did he attempt correctly.
7. Each side of a triangle is increased by 10cm. If the ratio of the perimeter of the

- new triangle to the give triangle is 5:4, find the perimeter of the given triangle.
8. If five-fourth times of a number results in the value of the number increasing by 10, find the number.
 9. If the angles of a triangle are in the ratio 2:3:4, find the angles .

SCIENCE WORKSHEET-1

- Q1.** Opposite charges have attraction and similar charges have repulsion . Why ?
- Q2.** Is gravity a property of the earth alone ? Explain .
- Q3.** Why porters place a round piece of cloth on their heads , when they have to carry heavy loads .
- Q4.** What is 2 , 4 – D ? What is the use of it ?
- Q5.** What is the effect of continuous rain on the plants ?
- Q6.** Write the four fundamental benefits of tilling .
- Q7.** Write the chemical name and chemical formula of the monomers of Dacron .
- Q8.** What is Nomex ? What is the use of it ?>
- Q9.** A responsible, citizen always remember the 5 R principle. What are these 5 R principle ?
- Q10.** How will you improve your immunity . Write at least ten methods .
- Q11.** What are the use of acrylic ?
- Q12.** Polythene is not good for our environment . Explain .

WORKSHEET-2

- Q1- A ball of dough is rolled into a flat chapatti. Name the force exerted to change the shape of the dough.
- Q2- Where do we apply a force while walking?
- Q3- A girl is pushing a box towards east direction. In which direction should her friend push the box so that it moves faster in the same direction?
- Q4- During dry weather, clothes made of synthetic fibre often stick to the skin. Which type of force is responsible for this phenomenon?
- Q5- While sieving grains, small pieces fall down. Which force pulls them down?
- Q6- Does force of gravity act on dust particles?

Q7- A gas filled balloon moves up. Is the upward force acting on it larger or smaller than the force of gravity?

Q8- Does the force of gravitation exist between two astronauts in space?

Q9- Two persons are applying forces on two opposite sides of a moving cart. The cart still moves with the same speed in the same direction. What do you infer about the magnitudes and direction of the forces applied.

Q10- Two thermocol balls held close to each other move away from each other. When they are released, name the force which might be responsible for this phenomenon. Explain.

Q11- Fruits detached from a tree fall down due to force of gravity. We know that a force arises due to interaction between two objects. Name the objects interacting in this case.

Q12- A man is pushing a cart down a slope. Suddenly the cart starts moving faster and he wants to slow it down. What should he do?

Activity 1- Action Story

Student will create an action story where examples of different types of forces must be mentioned. They have to underline the phrases in the story where examples of forces are mentioned. At the end, they will present the story in the class.

Example: In a football match, first player kicks a ball and passes on to second player. Second player passes the ball to the goal, where the goal keeper catches it and throws to the other team. In this story, they have to find the examples of the forces mentioned and underline it/them.

Activity 2- Pressure

Take two iron nails, one with pointed end and the other with blunt end. Try to nail them into wall. What did you observe?

Answer the following questions:

1. When did you have to apply more force: while using pointed nail or blunt nail?
2. What could be the reason for the above observation?

Note – Learn And Revise Pre Mid Term Syllabus,
Chapter 1 – Crop Production And Management
Chapter 3 – Synthetic Fibres And Plastics
Chapter 11 – Force And Pressure

SOCIAL SCIENCE **WORK SHEET-1**

I. Fill in the blanks

1. _____ makes an object or substance resource
2. Resources that are drawn from nature and used without much modification are

called as _____

3. _____ and _____ are examples for human made resources

4. _____ helps in transferring the physical material into valuable resources

5. _____ refers to the amount of resources available for use.

6. _____ resources are those whose entire quantity mayn't be known

and these are not being used at present.

II. State whether True or False (T/F)

1. Petroleum deposits of West Asia is an example for actual resources.

2. On the basis of distribution resources can be classified as abiotic or biotic.

3. Minerals are non-renewable resources.

4. Human beings are special resources.

5. Copper and iron ore are ubiquitous resources.

6. Human resources refer to the number and abilities of the people.

III. Answer the following

1. Give four examples of human made resources.

2. Give two examples of renewable resources.

3. Define the term Patent.

4. Distinguish between: Renewable and Non-renewable resources.

WORK SHEET-2

Q1. Define the word 'history'.

Q2. Mention a few other events, which if recorded, will make history more interesting to everyone.

Q3. Name the events for which specific dates can be determined.

Q4. What was Mill's opinion about the Asian societies?

Q5. Why do many historians refer to modern period as colonial?

Q6. When did the Interim Constitution come into effect in Nepal?

Q7. Name the 3 organs of state as per the separation of power done in Indian constitution.

Q8. Define Sovereign.

Q9. Define Tyranny.

Q10. Which is known as the 3rd tier of the Government?

Note – Learn And Revise Pre Mid Term Syllabus

History : Ch-1: How, When and Where

Civics: Ch-1: The Indian Constitution

Geography: Ch-1: Resources

HAPPY SUMMER HOLIDAYS!