

# NCERT SOLUTIONS

CLASS - 7TH



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Class : 7th

Subject : English-1

Chapter : 7

Chapter Name : The Invention of Vita-Wonk

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Q1 Choose the right answer.

- (i) Mr Willy Wonka is (a) a cook, (b) an inventor, (c) a manager.
- (ii) Wonka-Vite makes people (a) older, (b) younger.
- (iii) Mr Wonka wants to invent a new thing which will make people (a) younger, (b) older.

Answer. (i) Mr Willy Wonka is an inventor.

(ii) Wonka-Vite makes people younger.

(iii) Mr Wonka wants to invent a new thing which will make people older.

Page : 101 , Block Name : Comprehension Check

Q2 Can anyone's age be a minus number? What does "minus 87" mean?

Answer. No, no one's age can be a minus number. Here, "minus 87" means that the person had to wait eighty seven years before he could come back. He had taken a strong dose of Wonka-Vite and had therefore, disappear

Page : 101 , Block Name : Comprehension Check

Q3 Mr Wonka begins by asking himself two questions. What are they?

- (i) What is \_\_\_\_\_ ?
- (ii) What lives \_\_\_\_\_ ?

Answer. (i) What is the oldest living thing in the world?

(ii) What lives longer than anything else?

Page : 101 , Block Name : Comprehension Check

Q1 (i) What trees does Mr Wonka mention? Which tree does he say lives the longest?

(ii) How long does this tree live? Where can you find it?

Answer. (i) The trees that Mr Wonka mentioned are the Douglas fir, the oak, and the cedar. He said that a tree called Bristlecone pine lives the longest.

(ii) This tree lives for over 4000 years. It can be found upon the slopes of Wheeler Peak in

Nevada, U.S.A.

Page : 102 , Block Name : Working With The Text

Q2 How many of the oldest living things can you remember from Mr Wonka's list? (Don't look back at the story!) Do you think all these things really exist, or are some of them purely imaginary?

Answer. With the exception of the 4000-year-old Bristlecone pine, the things mentioned in Mr Wonka's list (e.g., the toe-nail clipping from a 168-year-old Russian farmer, the tail of a 51-year-old horse) are purely imaginary.

Page : 102 , Block Name : Working With The Text

Q3 Why does Mr Wonka collect items from the oldest things? Do you think this is the right way to begin his invention?

Answer. Mr Wonka collected items from the oldest things because he wanted to invent a something that would make people older. It was probably the right way to begin his invention as he wanted to make people older and therefore, the use of old things seems appropriate.

Page : 102 , Block Name : Working With The Text

Q4 What happens to the volunteer who swallows four drops of the new invention? What is the name of the invention?

Answer. The moment the twenty-year-old volunteer swallowed four drops of the new invention, he began wrinkling and shriveling up all over. His hair started dropping off and his teeth started falling out. Before Mr Wonka knew it, the volunteer had suddenly become an old man of seventy-five. The name of the invention was Vita- Wonk.

Page : 102 , Block Name : Working With The Text

Q1 What do you call these insects in your language?



cockroach



mosquito



grasshopper



housefly



dragon fly



ant

How do these insects affect your health? Have a discussion in the class.

Answer. Beetle, Honeybee, Spider, Bee, Butterfly and Moth are some of the insects found in our area.

Page : 103 , Block Name : Working With Language

Q2 Fill in the blanks in the recipe given below with words from the box.

shred cooker times tomatoes half onion oil

### Easy Palak–Dal

#### INGREDIENTS

- One \_\_\_\_\_
- One cup dal
- Two thin green chillies
- \_\_\_\_\_ a teaspoon red chilli powder
- Eight small bunches of palak
- Two \_\_\_\_\_
- Salt to taste

Wash and cut the vegetables; \_\_\_\_\_ the palak. Put everything in a pressure \_\_\_\_\_. Let the cooker whistle three \_\_\_\_\_, then switch it off. Fry a few cumin seeds in \_\_\_\_\_ and add to the palak–dal.

Answer.

### Easy Palak–Dal

#### INGREDIENTS

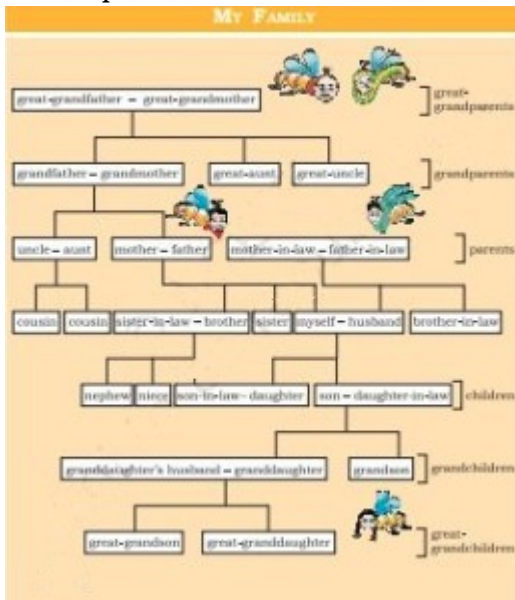
- One onion
- One cup dal
- Two thin green chillies
- Half a teaspoon red chilli powder
- Eight small bunches of palak
- Two tomatoes
- Salt to taste

Wash and cut the vegetables; shred the palak. Put everything in a pressure cooker . Let the cooker whistle three times , then switch it off. Fry a few cumin seeds in oil and add to the palak–dal.

Page : 103 , Block Name : Working With Language

Q3 A 'family tree' is a diagram that shows the relationship between the different members of a family. Fill in the family tree below with names, ages, and other details you

think are relevant (you may even stick photographs, if you have them). Put your family trees up in the class.



Answer. DIY

Page : 104 , Block Name : Working With Language

Q1 Using Do for Emphasis

Charlie asks, "What did happen?"

This is a way of asking the question "What happened?" with emphasis.

Given below are a few emphatic utterances. Say them to your partner. Let your partner repeat your utterance without the emphasis. Your partner may also add something to show she/he disagrees with you.

YOU : I did study.

PARTNER : You studied? I don't believe you. Look at your marks!

YOU : I did go there.

PARTNER : You went there? Then...

YOU : I do play games.

PARTNER : ...

YOU : He does read his books.

PARTNER : ...

YOU : You do say the most unbelievable things!

PARTNER : ...

YOU : The earth does spin around.

PARTNER : ...

YOU : We all do want you to come with us.

PARTNER : ...

YOU : Who does know how to cook?

PARTNER : ...

YOU : I do believe that man is a thief.

PARTNER : ...

Answer. YOU: I did study.

PARTNER: You studied I don't believe you. Look at your marks!

YOU: I did go there.

PARTNER: You went there? Then how come I didn't see you?

YOU: I do play games.

PARTNER: You play games? Then why don't you take part in Sports Day?

YOU: He does reads his books.

PARTNER: I don't think so, because he couldn't answer my questions.

YOU: You do say the most unbelievable things!

PARTNER: What makes you think so?

YOU: The Earth does spin around.

PARTNER: It spins? Then why don't I feel that?

YOU: We all do want you to come with us.

PARTNER: Is it? Then why no one invited me?

YOU: Who does know how to cook?

PARTNER: Not sure, but I don't know.

YOU: I do believe that man is a thief.

PARTNER: It is hard to believe because he looks so innocent.

Page : 105 , Block Name : Speaking

Q1 (i) Make a list of the trees Mr Wonka mentions. Where do these trees grow? Try to find out from an encyclopaedia. Write a short paragraph about two or three of these trees.

(ii) Name some large trees commonly found in your area. Find out something about them (How old are they? Who planted them? Do birds eat their fruit?), and write two or three sentences about each one of them.

Answer. 1. Mr Wonka mentioned the name of the following trees

(a) Douglas Fir (b) Oak

(c) Cedar (d) Bristlecone Pine

Douglas Fir is native tree of Western North America. Its scientific name is *Pseudotsuga menziesii*. It is also called Oregon pine or Douglas spruce. It is named in honour of David Douglas. He was a Scottish botanist and a collector and was the first one to report about the nature and potential of the species. Oak trees are native of Northern hemisphere and include deciduous and evergreen species.

It is found in abundance in Northern America with over 90 species found in United States and 160 in Mexico. Oak wood has a wide application because of its resistance to fungal and insect attack. Cedar trees are found in abundance all across the world. Cedar woods have a wide application like used to make pencils. Australian red cedar is highly valued and is used for making furniture and shipbuilding.

Bristlecone pine trees have some species that are more than 5000 year old and are the oldest known individuals of any species. The tree got its name from the prickles on the female cones. They are found in abundance in United States of America.

2. Some of the commonly found trees in our area include eucalyptus, mango, neem, peepal and banyan trees. Eucalyptus trees are very tall in structure. They have medicinal properties and are available in large number in our area.

Mango trees are generally planted in houses for their use in religious purpose. It is also planted in large numbers for the fruit. Neem is found in houses as well as parks. They have medicinal properties and is widely scattered in all across our area. Peepal and banyan trees are mostly found in temples. They are worshipped by Hindus. Some of these trees are over 100 years old.

Page : 106 , Block Name : Writing

Q2 Find out something interesting about age, or growing old, and write a paragraph about it. Following are a few topics, suggested as examples.

- (i) The age profile of a country's population — does it have more young people than old people, or vice versa? What are the consequences of this?
- (ii) How can we tell how old a tree, a horse, or a rock is?
- (iii) What is the 'life expectancy' of various living things, and various populations (how long can they reasonably expect to live)?

Answer. All living beings start ageing from the moment they are born. The best part with the process of growing old is that we are able to witness many changes. India is one of the most populous nations in the world. In India we have more of youth population than old people.

It increases the productivity and earning capacity in the society. We can guess the age of a tree by counting the rings in its trunk. The age of rock and horse can be identified by carbon dating process. Microorganisms have the shortest life cycle.

Insects too live a short life. Animals like elephant and tortoise live more than 100 years. Life expectancy of human is around 85 years.

Page : 106 , Block Name : Writing

Q1 Why was Dad sure he wouldn't fall?

Answer. Dad was sure he wouldn't fall because he thought that he was a good climber.

Page : 110 , Block Name : Working With The Poem

Q2 Which phrase in the poem expresses Dad's self-confidence best?

Answer. Child's play.

Page : 110 , Block Name : Working With The Poem

Q3 Describe Plan A and its consequences.

Answer. Dad brought a ladder. He began to climb it. But soon he slipped. He landed in the flower bed. As a result his hair and his face and his trousers and his shirt got smeared with dirt.

Page : 110 , Block Name : Working With The Poem

Q4 Plan C was a success. What went wrong then?

Answer. Dad got stuck in the crook of the tree trunk in the place of the cat.

Page : 110 , Block Name : Working With The Poem

Q5 The cat was very happy to be on the ground. Pick out the phrase used to express this idea.

Answer. Smug.

Page : 110 , Block Name : Working With The Poem

Q6 Describe the Cat and Dad situation in the beginning and at the end of the poem.

Answer. At the beginning the cat was stuck in the tree and Dad was free. At the end of the poem the situation got reversed. Dad occupied the place of the cat and the cat was lying free on the ground. It was smiling at Dad.

Page : 110 , Block Name : Working With The Poem

Q7 Why and when did Dad say each of the following?

(i) Fall?



- (ii) Never mind
- (iii) Funny joke
- (iv) Rubbish

Answer. (i) When Mum warned him out not to fall.  
(ii) When he slipped from the ladder and landed in the flower bed.  
(iii) When mother again warned him.  
(iv) When mother strongly told him to stop his efforts to climb the tree.

Page : 110 , Block Name : Working With The Poem

Q8 Do you find the poem humorous? Read aloud lines which make you laugh.

Answer. Yes, the poem is humorous. The students are suggested to pick out these lines from the poem which make them laugh.

Page : 110 , Block Name : Working With The Poem

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