

PANCHSHEEL PUBLIC SCHOOL



CURIOUS MINDS - IV
TERM - 2



INDEX

TERM 2

UNIT 1 VARIATIONS WITH VOCABULARY

a. KANGAROO WORDS

UNIT 2 STRIDES WITH SCIENCE

a. MOULDING THE WORLD

UNIT 3 NUMERICAL NOTATIONS

a. MENTAL MATHS

UNIT 4 INFORMATION TECHNOLOGY

a. INTRODUCTION TO MICROSOFT POWERPOINT 2016

UNIT 5 SPORTS

a. FAMOUS INDIAN SPORTS-2

UNIT 6 ARCHIVAL EXPLORATION

a. INDIA- PHYSICAL FEATURES-2

KANGAROO WORDS

A kangaroo word is a word which contains letters of another word, in the same order and with the same meaning. For example: The word 'acid' contains the word 'acid', which is a synonym of 'acid'; similarly, the word 'accustomed' contains its synonym 'used'. Here, 'acid' and 'used' are called joey words (word contained in the kangaroo word).



Kangaroo word	Joey word
calumnies	lies
canister	can
capable	able
capsule	case
cartoon	cart
casket	case
catacomb	comb
cavern	cave
chocolate	cola
cleanser	clean
clue	cue
clump	lump
community	county, city
concede	cede
concession	cession
confederated	con
container	can, tin
contaminate	taint
contradictory	contrary
cooled	cold
cozen	con
curtail	cut
daub	dab
dazzle	daze
debar	bar
deceased	dead
deception	con
deliberate	debate
departed	dead
department	arm
depository	depot

desiderate	desire
destruction	ruin
deteriorate	rot, die, riot
devilish	evil
dice	die (singular)
disappointed	sad
dream	REM

TEST YOUR KNOWLEDGE

How many hidden words can you find in the words given below?

Carefully

Factory

Handball

Belong

Newspaper

Chicken



RIDDLES

**WHAT IS IT THAT GROWS WHEN
YOU TAKE MORE OF IT**

WHAT MAKES OIL BOIL

MOULDING THE WORLD

Metals play a key role in building the world around us. Metals are minerals that are found underground in rocks. They are very useful materials and have properties such as strength, toughness and stiffness. Once heated they can be shaped into anything from a paperclip to an aircraft. Metals are hard and durable and therefore are used for making automobiles, satellites and cooking utensils etc. Metals are good conductors of heat and electricity.

Most Metals are hard but some are not. For example sodium and Potassium are such Metals that can be cut using knife.

Some Examples of metals



AMAZING FACTS

1. Silver conduct electricity better than any other metal. But due to its high cost it cannot be used for making electric wire.
2. Around 70% of the iron in the human body is found in the Haemoglobin of red blood cells.
3. There is a metal called gallium that melts at 29.7 degree celsius, so you can melt it by holding in your hand.
4. Aluminium can be recycled over and over again without any loss of quality.

5. The Eiffel tower is 6 inches taller in summer than in the winters, as steel and iron expand when heated.
6. Sound travels fifteen times faster through steel than air.
7. Aluminium is used to make most type of aircraft as it is light weight and strong.
8. Mercury is the only metal which is liquid at room temperature.
9. Touching stainless steel will remove the odour of garlic and onion from hands.
10. 10. Brass doorknobs and handrails are most commonly used in public buildings because brass (a copper alloy) is naturally antibacterial.

TEST YOUR KNOWLEDGE

Read the clues and try to identify the Metals.

1. A hard metal commonly found on Earth's crust. It has magnetic qualities and is also used to make steel and machines.



2. This is the most abundant metal on Earth's crust. It is light-weight and silvery.

3. The chalk your teachers use to write on board is a form of this metal. It is also present in large amounts in your teeth and bones, which is what makes them sturdy.

.....





4. A precious shiny yellow metal used for making ornaments and jewellery.

5. This brownish-red metal is one of the most widely used metals by humans. Used for making electric wires, coins and utensils.



6. It is a silver coloured metal used in the thermometers and several other scientific instruments. Its vapours are extremely hazardous to one's health.

MENTAL MATHS

- Q1. Write down all the factors of 25?
- Q2. If there is 60 minutes and 1 hour then how many minutes are there in 4 hours?
- Q3. Which month comes after may?
- Q4. Today is Friday what will be the day after 2 days?
- Q5. If $\blacksquare + \blacksquare + \blacksquare = 57$, then find the value of \blacksquare .
- Q6. How many bananas are there in 12 dozen?
- Q7. Insert $>$, $<$, $=$ sign: Triple of 30 _____ half of 90.
- Q8. If the sum of two numbers is 7000 and one of them is 5000. Find the other number.
- Q9. Multiply the sum of 7 and 5 by 10.
- Q10. Divide the product of 14 and 9 by 6.
- Q11. Arrange the given digits to make a four digit greatest number (4 0 9 1).
- Q12. Decrease 43 by 16 and multiply the answer by 10.



INTRODUCTION TO MICROSOFT POWERPOINT 2016

A Microsoft PowerPoint is truly the most widely used presentation software. It enables you to create your own presentations with full support to multimedia elements, such as text, picture, audio and video.

A Microsoft PowerPoint presentation usually consists of a number of slides. A slide is an individual page of a presentations PowerPoint is a powerful tool that has the following characteristics:

- * It presents your views and ideas effectively through visual aids.**
- *It can be a projected on a big screen.**
- *You can generate handout materials and speaker's notes after creating a presentation.**



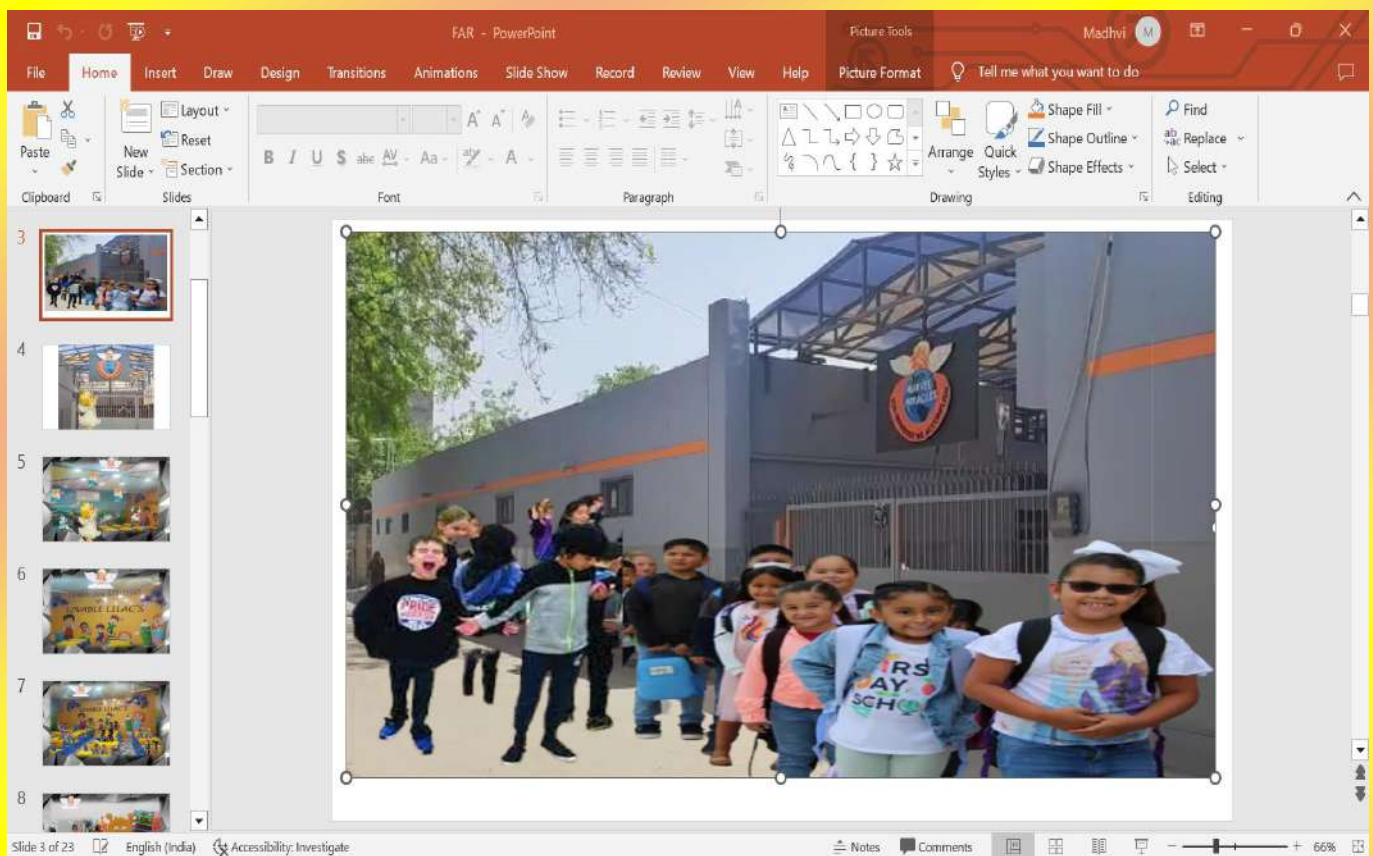
Learning objectives:

- * Applying Themes**
- *Working with slide master**
- *Changing the background**
- *Inserting smart art**
- *Animation**
- *Slide transitions**

AMAZING FACTS:



- * Preparing a presentation takes on average 2 hours of time for a normal employee.
- * Every second, more than 350 PowerPoint presentations are started around the world. For each day this makes about 30 million presentations in total!
- * More than 500 million people use PowerPoint worldwide.
- * On average, people in the audience have an attention span of only 10 minutes. Therefore, it is all the more important that you mention the interesting parts of your presentation right at the beginning, and then go into more detail later.



Shortcut keys of PowerPoint:

- * To open a new blank presentation: Ctrl + N
- * To save a presentation: Ctrl + S
- * To open a presentation: Ctrl + O
- * To run a slide show: F5
- * To exit the slide show: Esc

TEST YOUR KNOWLEDGE

TICK (✓) THE CORRECT OPTION:

1. Which of the following is not available in the variant group?

Colors ()

Designs ()

2. Which of these is not an option in background fill effect?

Liquid ()

Solid ()

3. Which of these is not a sub -option in the advance slide option?

On mouse click ()

Before ()

FILL IN THE BLANKS:

1. The _____ symbol is used to insert images already available in PowerPoint.

2. _____ helps to present and recognize information systematically.

3. The _____ view displays the slide in full screen mode.

4. You can insert a Smart Art from the _____ tab.

Rearrange the letters and write the correct words.

1) O W E R P T I N P O --- _____

2) S I D L E S. ---- _____

3) N B U T T O ---- _____

4) A M N I A S N O I T ----- _____

STATE WHETHER THE FOLLOWING STATEMENTS ARE TRUE OR FALSE.

1) To insert a picture ,click the insert tab. _____

2) You cannot insert audio in our slide . _____

3) There are only two options available for slide transition. _____

4) The Notes page view displays the slides along with the speakers notes. _____

FAMOUS INDIAN SPORTS - 2

KABADDI

1. An outdoor game, Kabaddi, originated in India.
2. Kabaddi is usually played in a vast field or land located within the village or outside the house.
3. It is a very physical sport; players are expected to be very sporty and athletic.
4. Kabaddi requires no sports equipment and is a very cheap game.
5. Although affordable, the sport is great for keeping the body and brain healthy.
6. Kabaddi is played between two teams. Each team comprises seven players.
7. The game aims for a player of one group to keep saying "kabaddi" and try to touch the other team's player.
8. The other team players must try to escape and stop him in their court.
9. A traditional game, Kabaddi, is played as a tournament among the youth in villages in India.
10. Today Kabaddi has become a popular sport played indoors, with many people actively participating.



BOXING

1. Boxing is a combat sport.
2. It takes place in a ring.
3. It involves two players.
4. The players hit each other and try to achieve victory.
5. They wear padded gloves for punching each other.
6. The winner is declared when a knockout occurs.
7. A knockout happens if a player falls down and cannot get up anymore.
8. Boxing rounds last 2 to 3 minutes.
9. Boxing usually involves punching.
10. Some famous boxers are Muhammad Ali and Mike Tyson.



CHESS

1. Chess begins with the division of pieces – white and black sets.
2. Each set contains 16 pieces, as follows:

1 king	2 bishops
1 queen	2 knights
2 rooks	8 pawns
3. Each game board has 64 squares, alternating in color between black and white, with 8 rows and 8 columns, called “ranks” and “files,” respectively. Typically, the person with the white set makes the first move.
4. A piece is moved to an unoccupied square, or a square occupied by the opponent’s piece that is captured and taken off the board, no longer in play.
5. Chess rules state that each player must make a move on his or her turn, and must not put their own king in check.
6. Each piece has a different way of moving. For example, pawns can move forward unless they are capturing an opponent’s piece, in which case they can move diagonally.
7. Knights move in “L” shapes, either two squares vertically and one square horizontally, or two squares horizontally and one square vertically – they are the only pieces that can jump over other pieces during the game.
8. Bishops move diagonally across the board for any amount of spaces, forwards or backwards.
9. Rooks move horizontally or vertically across the board for any amount of spaces, forwards or backwards.
10. The queen can move horizontally, vertically, or diagonally, in any direction, for any amount of spaces.
11. The king can only move one square in any direction.



TENNIS

1. Tennis is a game played indoors or outdoors by two players when playing singles or four players when playing doubles.
2. Tennis is played on a level court usually made of grass, clay, concrete, or materials made for indoor use, such as wood or synthetics.
3. As per the International Tennis Federation, the weight of a tennis ball must be between 56.0 and 59.4 grams.
4. Tennis balls were originally white. In 1986, yellow balls were first introduced at Wimbledon.
5. The length of a standard tennis court is 78 feet. The width of a court differs with the type of match played there. For singles matches, the width of the tennis court is 27 feet, and for doubles matches, it is 36 feet.
6. The height of the net in the middle of the tennis court is approximately three feet.
7. A player must score four points to win a game. Six games need to be won to win a set and two sets to win a match.
8. The different shots used in tennis are: forehand, backhand, serve, volley, lob, and drop shot.



TEST YOUR KNOWLEDGE

1. Unscramble the below given words:

- A) IDDABAK
- B) SESCH
- C) TESINN
- D) BXONIG
- E) AGME

2. State whether 'True' or 'False':

- A) Kabaddi originated in India.
- B) Boxing usually involves water.
- C) Each game board of chess has 64 squares, alternating in colour between black and white .
- D) The height of the tennis net in the middle of the tennis court is approximately 2 feet.
- E) Kabaddi is an outdoor game.

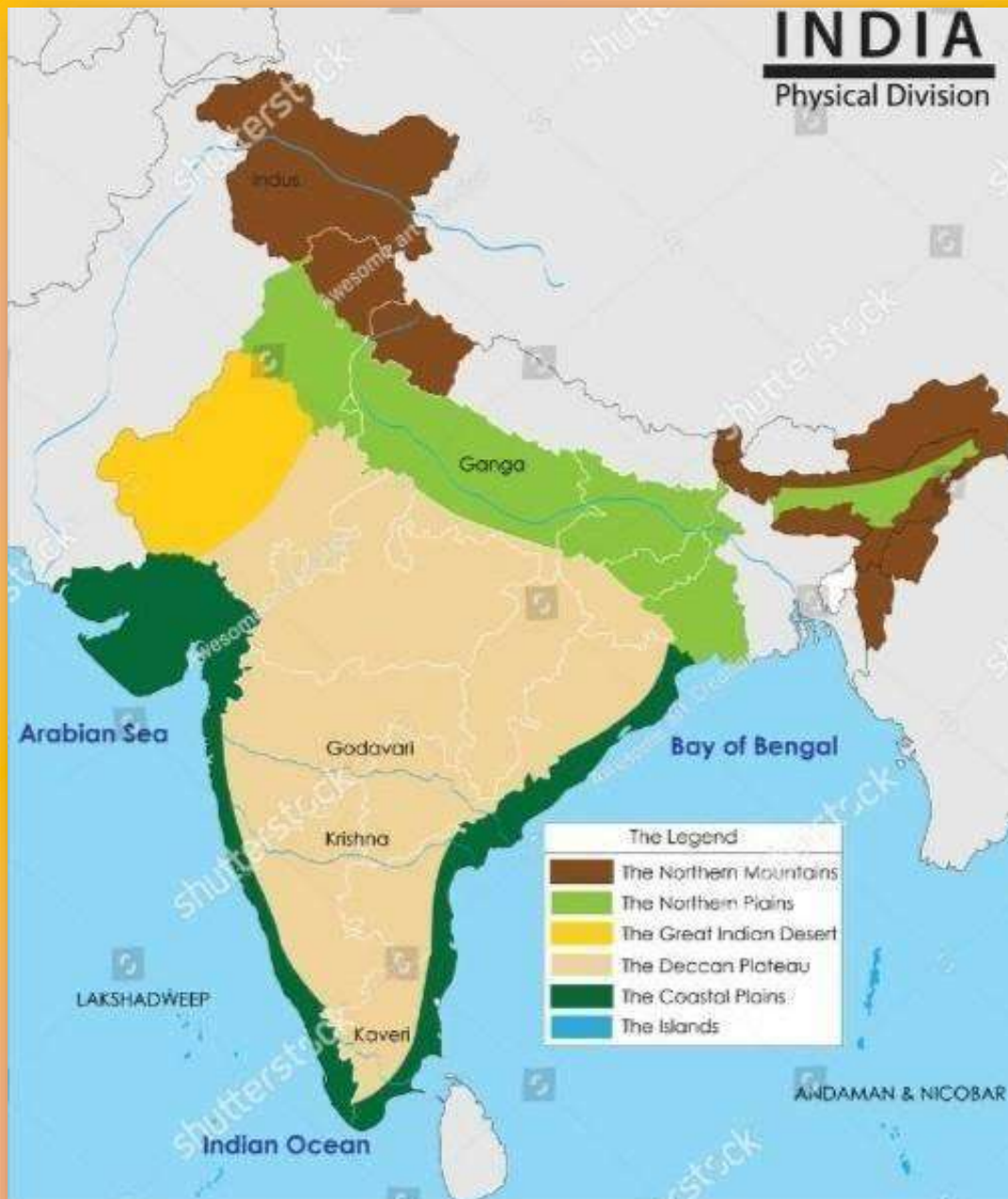
3. Fill in the blanks:

- A) In Tennis, a player must score ___ points to win a match.
- B) When a player knocks out the opponent player in boxing, he becomes the ___
- C) There are ___ players in each team in Kabaddi
- D) Each Chess set contains ___ pieces.
- E) Some famous boxers are ___ and _____.

INDIA

PHYSICAL FEATURES-II

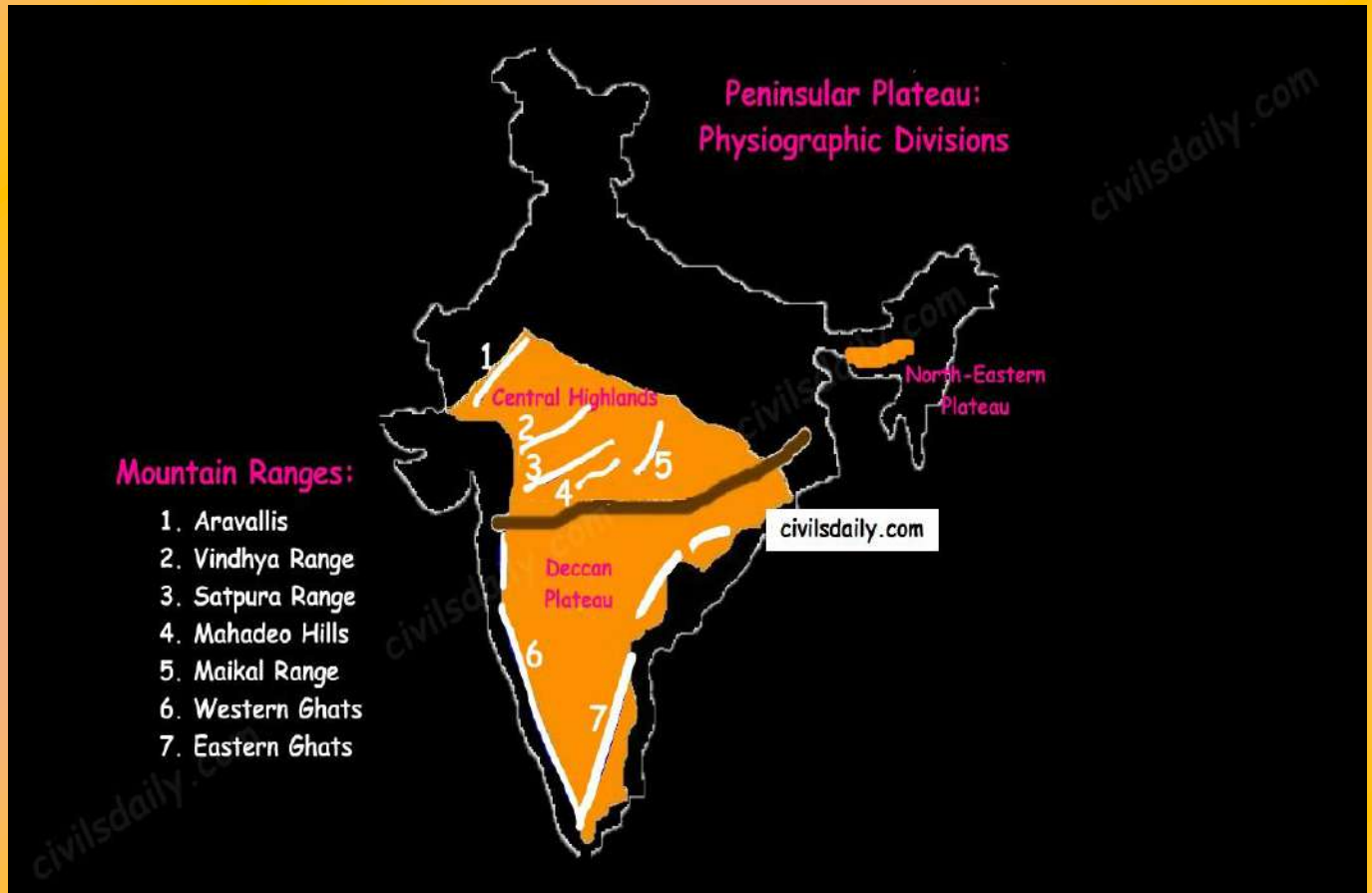
[India](#) is the seventh-largest country and the second-most populous country in the world in 2022. With over a billion people, India is home to nearly 17% of the global population. It is also considered one of the fastest-growing economies in the world.



The **physical features of India** include a diverse landscape that includes **northern plains**, deserts, hills, mountains, and forests. The Himalayas run along its northern border and form a natural barrier between India and China. The Hindu Kush separates India from Afghanistan to its northwest.

The Peninsular Plateau

A plateau is an elevated flat land .it is a flat top table land standing on a raised surface .The height of the plateaus often vary from place to place.



The Deccan Plateau, Central Highlands, and North-eastern Plateaus are the three groups that make up the Peninsular Plateau. Ans. The Deccan plateau is India's most stable and oldest plateau, having been initially a part of the historical landmass of Gondwanaland.

The Great Indian Desert

Desert is a flat land covered with the thick sheet of loose sand. The Thar Desert or great Indian desert lies to the west of the Aravalli hills. It extends to the Rajasthan, Gujrat and parts of Punjab.

The Thar desert is called the world's wealthiest desert because it is the largest producer of wool in India and in the world. And there are some minerals found in the Thar desert like gypsum and kaolin.

Amazing Facts

- The Thar Desert is the 18th largest subtropical desert in the world.
- The desert spans four Indian states, namely Rajasthan, Gujarat, Haryana, and Punjab, as well as two Pakistani provinces, Sindh and Punjab.
- The characteristics of the Peninsular Plateau are:
 1. It is composed of old crystalline, igneous and metamorphic rocks.
 2. Oldest Landmass: It was formed due to the breaking and drifting of the Gondwana land and thus, making it a TES part of the oldest landmass.
 3. The plateau has broad and shallow valleys and rounded hills.

TEST YOUR KNOWLEDGE

Q1. Write true or false:

- a) The Godavari is the longest river in the Deccan Plateau. ()
- b) The Western Ghats and the Eastern Ghats meet at the Aravalli hills. ()

Q2.Fill in the blanks:

- a) The _____ in Karnataka is the highest waterfall in India.
- b) _____ is the highest peak of Deccan Plateau region.
- c) The annual _____ of Puri is very famous.
- d) Lavani is a popular dance form of _____.
- e) The Thar desert is also known As _____.
- f). The Thar Desert covers a major part of _____.

D. Answer the following questions in short.

1. What kind of wind blows in Thar Desert?
- .2. What part of Rajasthan is mainly covered by the Thar Desert?
3. What is an oasis?



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