

**PANCHSHEEL PUBLIC SCHOOL**



***CURIOUS MINDS - VIII***  
***TERM - 1***



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## TERM 1

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# ANAGRAMS

Anagrams are the words or phrases that are formed by re-ordering the letters of other words or phrases.

**Acres** - cares, races, scare

**Danger**-- garden, ranged

**Creative**- reactive

**Listen** – silent

**Debit card** – bad credit

## EUPHEMISM

Euphemism is the polite expression used in place of words or phrases that are comparatively unpleasant or harsh.

### Common Examples of Euphemisms:

- 1.You're not old; you're "over the hill."
2. It's not a lie; it's an "alternate fact."
- 3.The item isn't stolen; it just "fell off the back of a truck."
- 4.They didn't get a divorce; they "consciously uncoupled."
- 5.It's not torture; it's "enhanced interrogation."

## BEHEADMENTS

Beheadments are the words that lose their first letter and become another word.

**Spare** - pare, are

**Charm** – harm, arm

**Grow** - row, ow

**Start** – tart, art

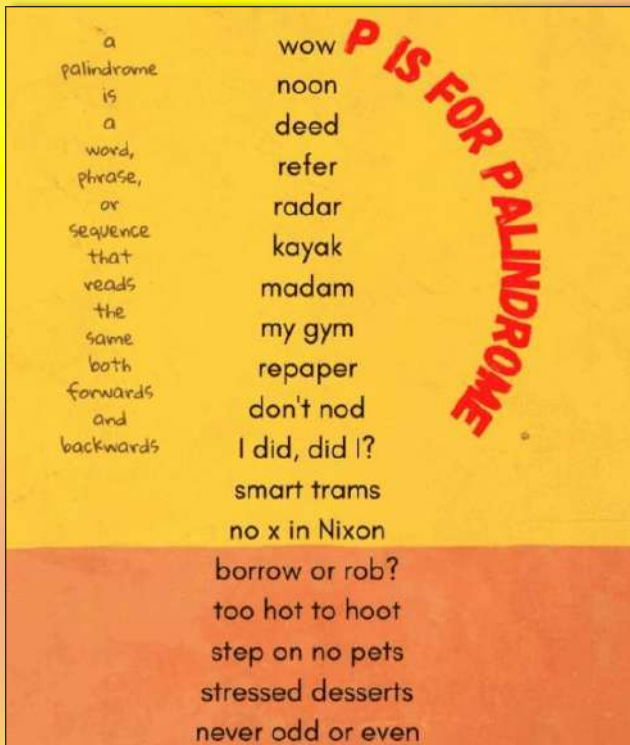
**Place**- lace, ace

## PALINDROMES

A palindrome is a word, number, phrase, or other sequence of symbol that reads the same backwards as forward.

### SOME COMMON ENGLISH PALINDROMES

- |          |          |          |          |               |
|----------|----------|----------|----------|---------------|
| 1. LEVEL | 2. REFER | 3. MINIM | 4. DEED  | 5. ROTATOR    |
| 6. MADAM | 7. MUM   | 8. SAGAS | 9. CIVIC | 10. MALAYALAM |



## PROFESSIONS - OCCUPATIONS

A person who:

1.	writes books or novels	AUTHOR
2.	acts in plays, theatre or movies	ACTOR/ACTRESS
3.	design building and houses	ARCHITECT
4.	plays the piano	PIANIST
5.	deals with all forms of life, including their classification, physiology, chemistry and interactions	BIOLOGIST
6.	deals with cultivating plants, especially flowers, fruit, and vegetables, in gardens or green houses.	HORTICULTURIST
7.	works with the money and accounts of a company	Accountant

## READING SECTION

INDIAN BOOKS AND AUTHORS		
SNO	BOOK	AUTHOR
1	MY EXPERIMENTS WITH TRUTH	MAHATMA GANDHI
2	THE GUIDE	RK NARAYAN
3	ANAND MATT	BANKIMCHANDRA CHATARJI
4	INVISIBLE MAN	H.G.WELLS
5	TRAIN TO PAKISTAN	KUSHWANT SINGH
6	ADVENTURE OF TOMSAWYOR	MARK TWAIN
7	ADVENTURES OF SHERLOCKHOMES	ARTHUR CANNON DOYLE
8	A BRIEF HISTORY OF TIME	STEPHEN HAWKINGS
9	A BUNCH OF OLD LETTERS	JAWAHARLAL NEHRU
10	A LONG WAY\	P.V.NARASIMHA RAO
11	ADVENTURES OF ROBINSON CRUSOE	DANIEL DEFOE
12	ARABIAN NIGHTS	SIR RICHARD BURTON

## TEST YOUR KNOWLEDGE

### Q 1. Answer the following questions.

1. Who is the author of the book **The Train to Pakistan**?
2. What is the message of the story of **My Experiments with Truth**?
3. A person who writes books or novels is called \_\_\_\_\_.
4. What can we use in place of **died**?
5. Good way to talk about a bad thing is called \_\_\_\_\_.
6. What is Euphemism?
7. Write ten words of Anagrams.
8. What is called a profession?

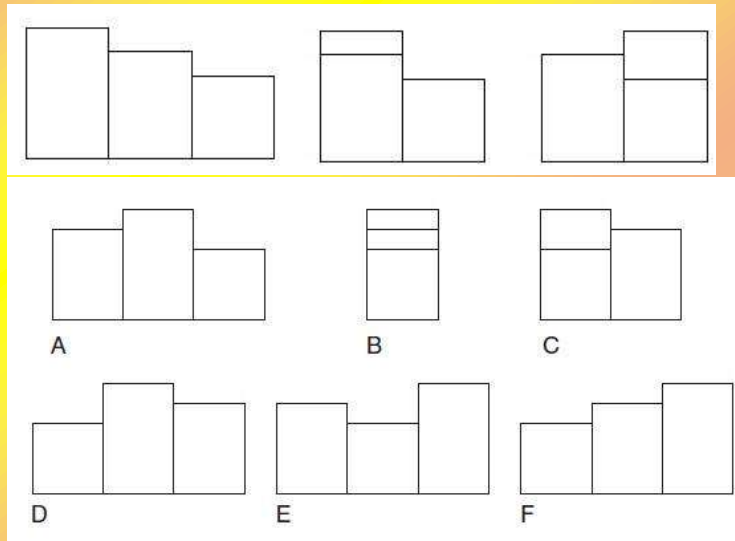
### Q2. Change the following anagrams as per the directions . One has been done for you.

When we change **toga** into an animal it becomes **GOAT**.

- 1) **Agree** into another word for keen.
- 2) **Thicken** into a place where you cook.
- 3) **Fringe** into a part of the body.
- 4) **Cheater** into a job.
- 5) **Asleep** into a word used by polite people.
- 6) **Beard** into something you can eat.
- 7) **Below** into a part of the body.
- 8) **Chain** into a country.
- 9) **Carthorse** into a group of musicians.
- 10) **Cruelty** into a word for knives, forks, spoons.

## MATHEMATICS PUZZLES

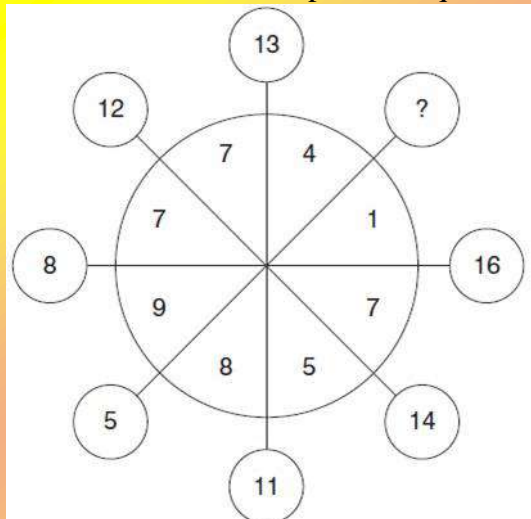
1. What comes next?



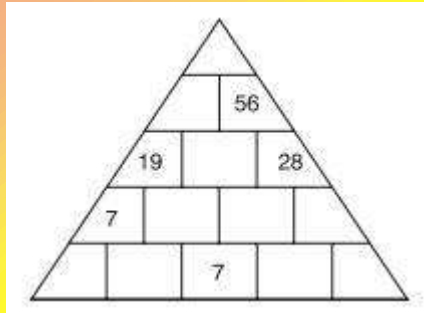
2. The three numbers in each box have a relationship that is the same in all six boxes.

3	1	5
2	7	6
4	0	3
8	4	5
10	1	6
1	2	?

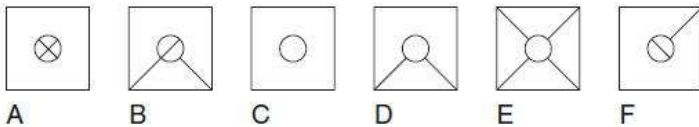
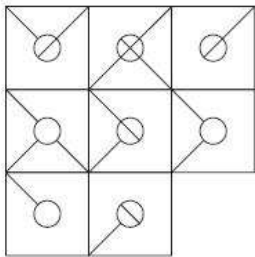
3. What number should replace the question mark?



4. Each number in the pyramid is the sum of the two numbers immediately below it. Fill in the pyramid with the missing numbers?



5. Which is the missing tile?



6. Which set of letters is the odd one out?

ADE  
ILM  
RUV  
EHI  
VYZ  
JLM  
FIJ

7. In a row of boys facing North, A is sixteenth from the left end and C is sixteenth from the right end. B, who is fourth to the right of A, is fifth to the left of C in the row. How many boys are there in the row?

A) 39    B) 40    C) 41    D) 42

8. If '-' stands for 'division', '+' stands for 'multiplication', ' $\div$ ' stands for 'subtraction' and ' $\times$ ' stands for 'addition', which one of the following equations is CORRECT?

A)  $6+20-12-7-1=38$     B)  $6-3\div 12\times 7+1=57$     C)  $6+20-12\div 7\times 1=62$     D)  $6\div 20\times 12+7-1=70$

9. Kunal walks 10 kilometers towards North. From there, he walks 6 kilometres towards South. Then, he walks 3 kilometers towards East. How far and in which direction is he with reference to his starting point?

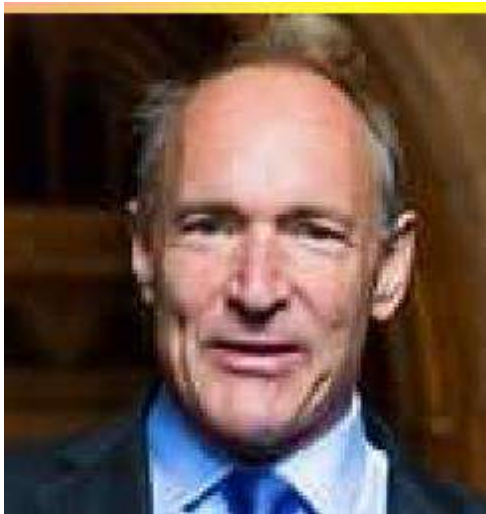
- A) 5 kilometers West      B) 5 kilometers North-east      C) 7 kilometers East  
D) 7 kilometers West

10. Which of the following Venn diagrams best represents the relationship amongst, "Bus, Scooter, Conveyance"?

- A)       B)       C)       D) 

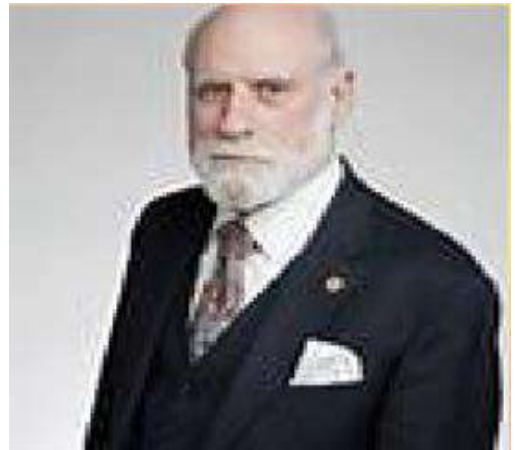
# INTERNET

## *Important Inventions Related to Internet*



**Sir Timothy John Berners-Lee**, OM, KBE, FRS, FR Eng, FRSA, DFBCS, RDI, also known as TimBL, is an English computer scientist best known as the inventor of the World Wide Web. He is a Professorial Fellow of Computer Science at the University of Oxford and a professor at the Massachusetts Institute of Technology. Berners-Lee proposed an information management system on 12 March 1989, then implemented the first successful communication between a Hypertext Transfer Protocol client and server via the Internet in mid-November.

**Vinton Gray Cerf** ForMemRS is an American Internet pioneer and is recognized as one of "the fathers of the Internet", sharing this title with TCP/IP co-developer Bob Kahn. He has received honorary degrees and awards that include the National Medal of Technology, the Turing Award, the Presidential Medal of Freedom, the Marconi Prize, and membership in the National Academy of Engineering.



**Robert Elliot Kahn** is an American electrical engineer who, along with Vint Cerf, first proposed the Transmission Control Protocol and the Internet Protocol, the fundamental communication protocols at the heart of the Internet

# SPECIFIC FACTS

1. While the internet was officially invented in January 1983, it had been in use since the 1960s as an Advanced Research Projects Agency Network (ARPANET), which was created to enable government researchers to share information.
2. The invention of the internet was also intended to allow the US Department of Defense to communicate without interruption in the event the US. experienced a nuclear attack during the Cold War. The invention of the internet became particularly urgent after the Soviet Union launched the Sputnik satellite.
3. While the creation of the internet involved the collective work of engineers, researchers, scientists, and programmers, Vinton Cerf and Robert Elliot Kahn were among the major contributors. As such, the two are referred to as the “fathers of the internet.”
4. Although Nikola Tesla theorized creating a “world wireless system” in which communication could be possible without the use of lines in the early 1900s, Sir Tim Bernes-Lee managed to invent the World Wide Web in 1989 which made information wirelessly shareable.
5. According to the HuffPost, Mr. Bernes-Lees uploaded the first-ever photo to the internet through the World Wide Web after creating it. The photo was of 4 women that worked with Bernes-Lee at the nuclear research laboratory CERN.
6. Ray Tomlinson, an American computer scientist invented the email in 1974. Although he sent the first email to himself, he does not remember what he wrote as the message. During that time, the email could only support plain text as there were no formatting features yet.
7. Four years after the invention of the email, Gary Thuerk, a computer seller, sent the first spam email over ARPANET, as reported by BuzzFeed News. His aim for spamming was to generate sales for his computers.
8. YouTube was invented in 2005 on Valentine’s Day by Steve Chen, Jawed Karim, and Chad Hurley. All three were former employees of PayPal, an American e-commerce company specializing in online money transfer.
9. On 23rd April 2005, Jawed Karim, one of the co-founders of YouTube uploaded the first-ever video on the platform. It was titled “Me at the Zoo”, and it featured Jawed spending time at the San Diego Zoo.
10. Twitter was created in March 2006 by Biz Stone, Evans Williams, Jack Dorsey, and Noah Glass in San Francisco, California. During the launch, Jack Dorsey typed the first-ever tweet which read “Just setting up my twttr.”

# TEST YOUR KNOWLEDGE

Q1. Who is Tim Berners Lee?

Ans. \_\_\_\_\_  
\_\_\_\_\_.

Q2. What is the full form of ARPANET?

Ans. \_\_\_\_\_.

Q3. Who are the 'father's of internet'?

Ans. \_\_\_\_\_.

Q4. Who invented Email and when?

Ans. \_\_\_\_\_

Q5. Who sent the first spam email over ARPANET?

Ans. \_\_\_\_\_

Q6. Who invented YouTube and when?

Ans. \_\_\_\_\_

Q7. Who is one of the co-founder of YouTube who uploaded first video?

Ans. \_\_\_\_\_

Q8. Vinton Gray Cerf were awarded by

\_\_\_\_\_

# Our Constitution

## *How we are governed?*

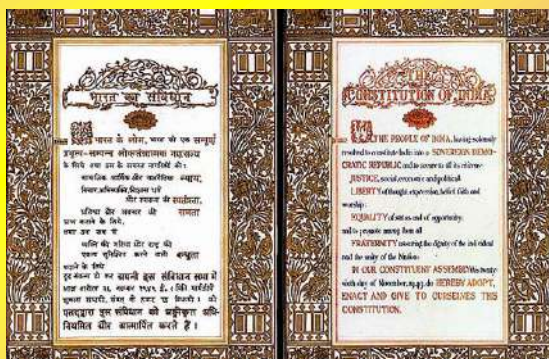


The Constitution is a body of rules and regulations which defines the organization, powers and functions of the government as well as the rights and duties of the citizens.

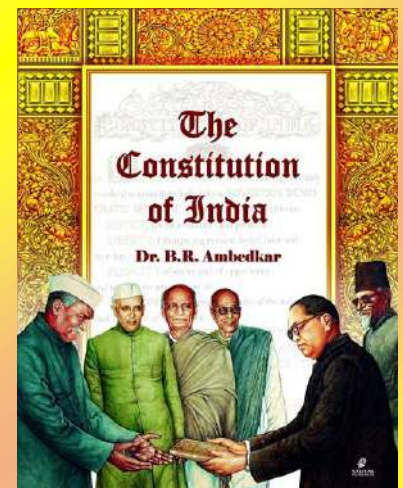
There are three original copies of the Constitution, safely kept in special helium-filled cases in the library of the Parliament. The pages are bound together in black leather, with beautiful gold patterns.

Sovereign means an independent country which is not subject to any outside authority. No external power can control or interfere in the internal affairs of the country or dictate its foreign policies. Amendment means any change in the Constitution of India.

Socialism means fair distribution of the country's wealth among all and providing equal opportunities to all, to bridge the gap between the rich and the poor. Secular state means a state which does not adopt a state religion and does not discriminate against anybody on the basis of religion.



Democracy means a government of the people, for the people and by the people. It is the longest written constitution in the world. It consists of 22 chapters or parts, 395 articles and 12 scheduled and an appendix.



## Amazing Facts!

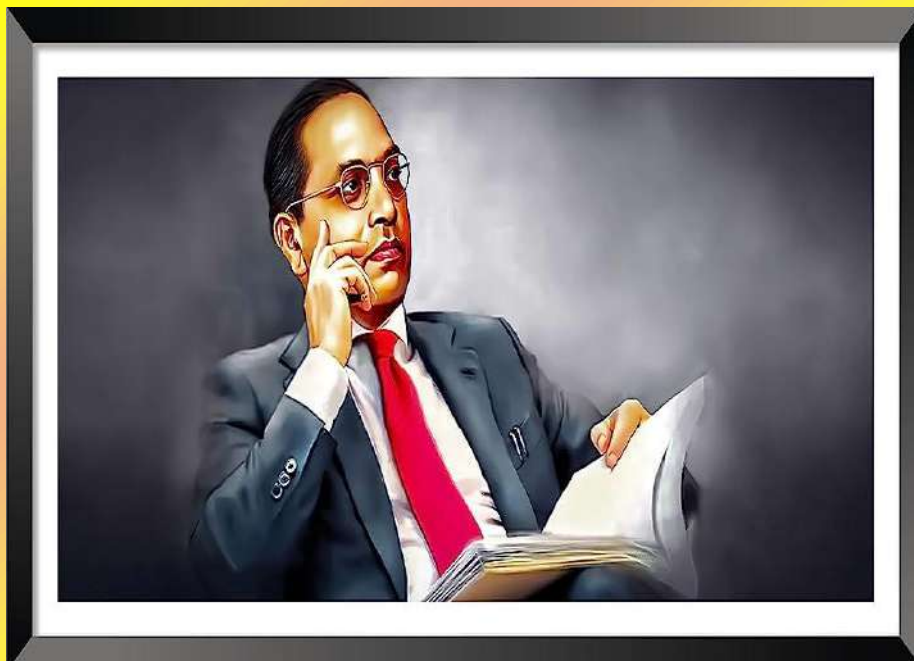
Longest and Largest Constitution in the World.

- This ornamented handwritten text is kept in a helium-filled glass case at the Parliament Library.

- On November 26, 1949, about 284 members of the Constituent Assembly who were present signed the motion to adopt the proposed constitution

### Test your Knowledge!

- Who was the President of the Constituent Assembly  
(a) Dr. Babasaheb Ambedkar (b) Dr. Rajendra Prasad  
(c) Durgabai Deshmukh (d) B.B. Rai
- Who among these was not a member of the Constituent Assembly?  
(a) Mahatma Gandhi (b) Moulana Azad  
(c) Rajkumari Amrit Kaur (d) Hansaben Mehta
- Who was the Chairman of the Drafting Committee  
(a) Dr. Rajendra Prasad (b) Sardar Vallabhbhai Patel  
(c) Dr. Babasaheb Ambedkar (d) J.B. Kripalani
- 1893 to 1956 undisputed leader of the Untouchables and chief architect of the Indian constitution.....
- What is the maximum age required to become the Prime Minister of India?
- Matching  
a) Pandit Jawaharlal Nehru 1) G V Mavalankar  
b) B R Ambedkar. 2) Dr. Rajendra Prasad  
c) First President of India. 3) First prime minister of India  
d) First speaker of Lok Sabha. 4) Chairman of drafting committee
- The Constituent Assembly took about ..... to complete its work.
- Tick mark (✓) the cross (X) the wrong ones.
  - Constitution is the supreme law of the land.
  - Before independence, our country was governed according to our Constitution.  
In India, the son or daughter of the President succeeds him after his death.





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# CURIOUS MINDS



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