

## **SUMMARY:**

Wikipedia Page 1 - India (Language : Hindi)

BASIC and Centroid Weighted YIOOP Summarizer performed equally well with a score of 5/5 while Human summarizer performance was low and scored  $\frac{3}{5}$ .

Wikipedia Page 2 - United States

BASIC and Centroid Weighted YIOOP Summarizer performed equally well with a score of 4/5 while Human summarizer performance was low and scored  $\frac{3}{5}$ .

Wikipedia Page 3 - Donald Trump

BASIC and Centroid Weighted YIOOP Summarizer performed equally well with a score of 4/5 while Human summarizer performance was low and scored  $\frac{3}{5}$ .

Wikipedia Page 4 - Academy Awards

BASIC and Centroid Weighted YIOOP Summarizer performed equally well with a score of 5/5 while Human summarizer performance was low and scored  $\frac{3}{5}$ .

Wikipedia Page 5 - Michael Jackson

BASIC and Centroid Weighted YIOOP Summarizer performed equally well with a score of 4/5 while Human summarizer performance was low and scored  $\frac{3}{5}$ .

## **CONCLUSION -**

Considering above wikipedia cases, YIOOP summarizers viz. Basic and Centroid performance are on par with each other having same scores. Human Summarizer performance was relatively low in comparison with YIOOP summarizers. The reason being human summaries were relatively short and consisted of five sentences. YIOOP summarizers could have performed better if focussed on the entire wikipedia page instead of primarily focussing on the starting paragraphs.

**DETAILS FOR EACH EXPERIMENTS IS BELOW**

## WIKIPEDIA TOPIC 1 : भारत

### SUMMARY

भारत भौगोलिक दृष्टि से विश्व में सातवाँ सबसे बड़ा और जनसंख्या के दृष्टिकोण से दूसरा सबसे बड़ा देश है। इसके उत्तर की भौतिक सीमा हिमालय पर्वत से और दक्षिण में हिन्द महासागर से लगी हुई है। पूर्व में बंगाल की खाड़ी है तथा पश्चिम में अरब सागर हैं। भारत सांस्कृतिक और आर्थिक सफलता के लंबे इतिहास के लिये जाना जाता रहा है। चार प्रमुख संप्रदायों: हिंदू, बौद्ध, जैन और सिख धर्मों का यहां उदय हुआ। महात्मा गांधी के नेतृत्व में स्वतन्त्रता संग्राम के बाद १५ अगस्त १९४७ को आज़ादी पाई। एक संघीय राष्ट्र, भारत को २९ राज्यों और ७ संघ शासित प्रदेशों में गठित किया गया है। 2017 में भारतीय अर्थव्यवस्था मानक मूल्यों (सांकेतिक) के आधार पर विश्व का छठा सबसे बड़ा और क्रय-शक्ति समता (पर्चेजिंग पावर पैरिटी) के आधार पर विश्व की तीसरी सबसे बड़ी अर्थव्यवस्था है। भारत तेज़ी से विकसित हो रहा है। परंतु भारत के सामने अभी भी गरीबी, भ्रष्टाचार, कुपोषण, अपर्याप्त सार्वजनिक स्वास्थ्य-सेवा और आतंकवाद की चुनौतियां हैं।

### QUERIES

1. भारत कब आज़ाद हुआ था ?
2. मुंबई की आबादी कितनी है?
3. भारत के पहले प्रधानमंत्री ?
4. भारत में कितने राज्य हैं ?
5. किसके नेतृत्व में भारत ने आज़ादी पायी ?

Questions	Human Summarizer	Basic YIOOP Summarizer	Centroid Weighted Yioop Summarizer
भारत कब आज़ाद हुआ था ?	YES	YES	YES
मुंबई की आबादी कितनी है ?	NO	YES	YES
भारत के पहले प्रधानमंत्री ?	NO	YES	YES
भारत में कितने राज्य हैं ?	YES	YES	YES
किसके नेतृत्व में भारत ने आज़ादी पायी ?	YES	YES	YES

Human Score - 3/5

Basic YIOOP Score - 5/5

Centroid Weighted YIOOP Score - 5/5

## WIKIPEDIA TOPIC 2 : UNITED STATES

### SUMMARY

US is composed of 50 states, a federal district and five major self governing directories. It is world's third or fourth largest country by area of 3.8 million square miles. U.S is third most populous country with population of 325 million people. Capital is Washington D.C and largest city by population is New York. U.S has 48 states contiguous in North America between Canada and Mexico. Rest being Alaska in northwest corner of North America and Hawaii in mid-Pacific ocean. US is stretched across nine official time zones. American Revolution began in 1775 and Declaration of independence in 1776. United States was first country to gain independence from European power. The United States is a founding member of the United Nations, World Bank, International Monetary Fund, Organization of American States (OAS), and other international organizations. The United States is a highly developed country, with the world's largest economy. The United States is the world's largest importer and the second largest exporter of goods. U.S. holds 33.4% of the total wealth in the world.

### QUERIES

- 1) Full form of USA ?
- 2) When America became independent ?
- 3) Who were the first inhabitants of North America ?
- 4) When was the attack on World Trade Centre carried out ?
- 5) Who is the founding member of United States ?

Questions	Human Summarizer	Basic YIOOP Summarizer	Centroid Weighted Yioop Summarizer
Full form of USA ?	Yes	YES	YES
When America became independent ?	Yes	YES	YES
Who were the first inhabitants of North America ?	No	YES	YES
When was the attack on World Trade Centre carried out ?	No	NO	NO
Who is the founding member of United Nation ?	Yes	YES	YES

**Human Score - 3/5**

**Basic YIOOP Score - 4/5**

**Centroid Weighted YIOOP Score - 4/5**

## WIKIPEDIA TOPIC 3 : DONALD TRUMP

### SUMMARY

Donald John Trump (born June 14, 1946) is the 45th and current President of the United States. Before entering politics, he was a businessman and television personality. Trump entered the 2016 presidential race as a Republican and defeated sixteen opponents in the primaries. Trump grew up with three elder siblings—Maryanne, Fred Jr., and Elizabeth—as well as a younger brother named Robert. Trump is Presbyterian. Trump does not drink alcohol except occasional wine, such as at communion. Trump is the beneficiary of several trust funds set up by his father and paternal grandmother beginning in 1949. When his father became chairman of the board in 1971, Trump was promoted to president of the company and renamed it The Trump Organization. In 1978, Trump launched his Manhattan real estate business by purchasing a 50 percent stake in the derelict Commodore Hotel, located next to Grand Central Terminal. Trump University was a for-profit education company that was founded by Trump and his associates, Michael Sexton and Jonathan Spitalny. Trump has repeatedly denied accusations of collusion and obstruction of justice, calling the investigation a politically motivated "witch hunt".

### QUERIES

1. Who is current president of United States?
2. What was his profession before entering politics?
3. Where was Donald Trump born?
4. What is his net worth ?
5. When did Donald Trump become President ?

Questions	Human Summarizer	Basic YIOOP Summarizer	Centroid Weighted Yioop Summarizer
Who is current president of United States?	YES	YES	YES
What was his profession before entering politics?	YES	NO	NO
Where was Donald Trump born?	YES	YES	YES
What is his net worth ?	NO	YES	YES
When did Donald Trump become President ?	NO	YES	YES

**Human Score - 3/5**

**Basic YIOOP Score - 4/5**

**Centroid Weighted YIOOP Score - 4/5**

## WIKIPEDIA TOPIC 4 : ACADEMY AWARDS

### SUMMARY

The Academy Awards, also known as the Oscars, are a set of 25 awards for artistic and technical merit in the film industry, given annually by the Academy of Motion Picture Arts and Sciences (AMPAS). The award was originally sculpted by George Stanley from a design sketch by Cedric Gibbons. Its equivalents – the Emmy Awards for television, the Tony Awards for theater, and the Grammy Awards for music – are modeled after the Academy Awards. The 90th Academy Awards ceremony, honoring the best films of 2017, was held on 4 March 2018, at the Dolby Theatre, in Los Angeles, California was hosted by Jimmy Kimmel and broadcasted on ABC. The first Academy Awards presentation was held on 16 May 1929, at a private dinner function at the Hollywood Roosevelt Hotel with an audience of about 270 people. The best known award is the Academy Award of Merit, more popularly known as the Oscar statuette. Another claimed origin is the Academy's Executive Secretary, Margaret Herrick, first saw the award in 1931 and made reference to the statuette's reminding her of her "Uncle Oscar". Since 1950, the statuettes have been legally encumbered by the requirement that neither winners nor their heirs may sell the statuettes without first offering to sell them back to the Academy for US\$1. In 1929, the first Academy Awards were presented at a banquet dinner at the Hollywood Roosevelt Hotel. In 2002, the Dolby Theatre (previously known as the Kodak Theatre) became the presentation's current venue.

### QUERIES

1. What are Academy Awards given for?
2. What are Academy Awards known as ?
3. Who sculpted the award design?
4. How many oscars have been awarded till date ?
5. When was the ceremony was broadcasted ?

Questions	Human Summarizer	Basic YIOOP Summarizer	Centroid Weighted Yioop Summarizer
What are Academy Awards given for?	YES	YES	YES
What are Academy Awards known as ?	YES	YES	YES
Who sculpted the award design?	YES	YES	YES
How many oscars have been awarded till date ?	NO	YES	YES
When was the ceremony was broadcasted ?	NO	YES	YES

**Human Score - 3/5**

**Basic YIOOP Score - 5/5**

**Centroid Weighted YIOOP Score - 5/5**

## WIKIPEDIA TOPIC 5 : MICHAEL JACKSON

### SUMMARY

Michael Jackson was an American Singer and dubbed as King of Pop and contributed to music, dance and fashion for over 4 decades. He made his professional debut in 1964 and became a dominant figure in early 1980's. Through stage and video performances, Jackson popularized a number of complicated dance techniques, such as the robot and the moonwalk, to which he gave the name. He is one of the few artists to have been inducted into the Rock and Roll Hall of Fame twice, and was also inducted into the Songwriters Hall of Fame and the Dance Hall of Fame as the only dancer from pop and rock music. 13 Grammy Awards, the Grammy Legend Award, the Grammy Lifetime Achievement Award, 24 American Music Awards—more than any other artist—including the "Artist of the Century", 13 number-one singles in the United States during his solo career—more than any other male artist in the Hot 100 era. Jackson became a figure of controversy in the 1980s due to his changing physical appearance, his relationships, and behavior. In 2005, he was tried and acquitted of further child sexual abuse allegations and several other charges after the jury found him not guilty on all counts. Jackson died of acute propofol and benzodiazepine intoxication on June 25, 2009, after suffering from cardiac arrest. His estate earned \$825 million in 2016, the highest yearly amount ever recorded by the magazine.

### QUERIES

- 1) Who is Michael Jackson ?
- 2) When did Michael Jackson die ?
- 3) What was Michael Jackson's first award ?
- 4) In which movie did Michael Jackson debut ?
- 5) Michael Jackson favourite Dance moves ?

Questions	Human Summarizer	Basic YIOOP Summarizer	Centroid Weighted Yioop Summarizer
Who is Michael Jackson ?	YES	YES	YES
When did Michael Jackson die ?	YES	YES	YES
What was Michael Jackson's first award ?	NO	YES	YES
In which movie did Michael Jackson debut?	NO	NO	NO
Michael Jackson favourite Dance moves ?	YES	YES	YES

**Human Score - 3/5**

**Basic YIOOP Score - 4/5**

**Centroid Weighted YIOOP Score - %**

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