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## COMPARISON AMONG WEB BROWSER

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### ABSTRACT

A web browser is the device to get information from the World Wide Web. In order to obtain the most out of the Web, it is significant to appreciate the variety of features of a browser. A Web Browser is a software used to view the websites and data contained in them. Familiar Web Browsers consist of Microsoft Internet Explorer, Google Chrome, Mozilla Firefox, safari, UC Browser, Opera and many more. A Software Browsers system undergoes many changes and also the version is updated regularly. Browsers may not be in use if it is not distorted rapidly according to changing consumer requirements. Present complexities have brought protection vulnerabilities, which in turn concerned malware authors and criminals to utilize the vulnerabilities and co operate purchaser systems. An up-to-date browser helps protector beside safety threats like phishing and malware. Dissimilar computer users utilize different web browsers. The conflict among the most well-liked browsers is continuously developing. This is why we have done a contrast between the three most well-liked browsers on the basis of some factors. Those factors are ACID3 TEST, HOW MANY OPTIONS IN EACH BROWSER FOR BETTER PERFORMING, CUSTOMIAZATON AND ADD-ONS, COMAPTIBILITY, MEMORY USAGE ACCORDING TO LATEST APPLICATION OF EACH WEB BROWSER. We are going to compare the most well like web browser on the basis of these five factors.

**KEYWORDS:** Web Browser, Acid Test, Options for better performing, Customization, Add-ons, Latest Applications, Maintenance.

### WEB BROWSER

What actually web browser is? A web browser is the device to get information from the World Wide Web. In order to obtain the most out of the Web, it is significant to appreciate the variety of features of a browser. A Web Browser is an function used to contact and vision of websites.

**The major web browser which are going to compare:** INTERNET EXPLORE, opera and Safari.

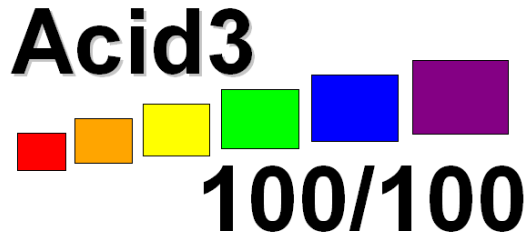
We are going to compare the most well like web browser on the basis of these five factors. Those factors are ACID3 TEST, HOW MANY OPTIONS IN EACH BROWSER FOR

### BETTERPERFORMING,CUSTOMIAZATI ON AND ADD-ONS, COMAPTIBILITY, MEMORY USAGE ACCORDING TO LATEST APPLICATION OF EACH WEB BROWSER.

- 1. ACID3 TEST:** Acid3 test help browsers ensure the proper support for web standards in their products. Since the release of Internet Explorer 10 in 2012, the latest versions of all major desktop browsers, including Internet Explorer, Opera, and Safari, score 100/100 and render the test correctly.

As of March 2015 the most commonly used browser that does not score 100/100 on Acid3, according to Stat Internet explorer:

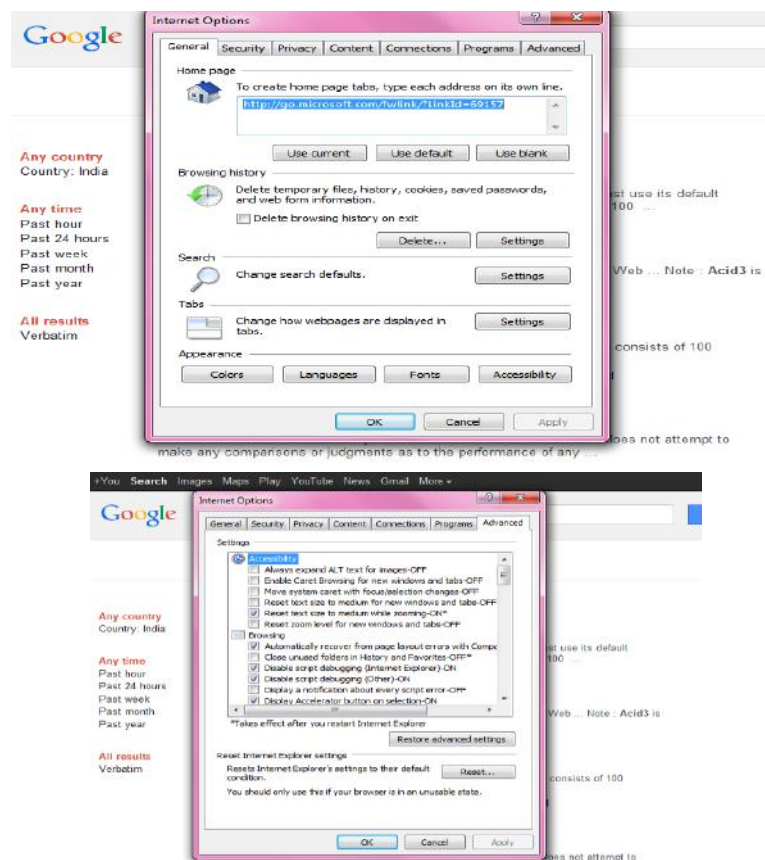
Counter, is Internet Explorer 8 with about 3% usage share.



## 2. HOW MANY OPTIONS IN EACH BROWSER FOR BETTER PERFORMING:

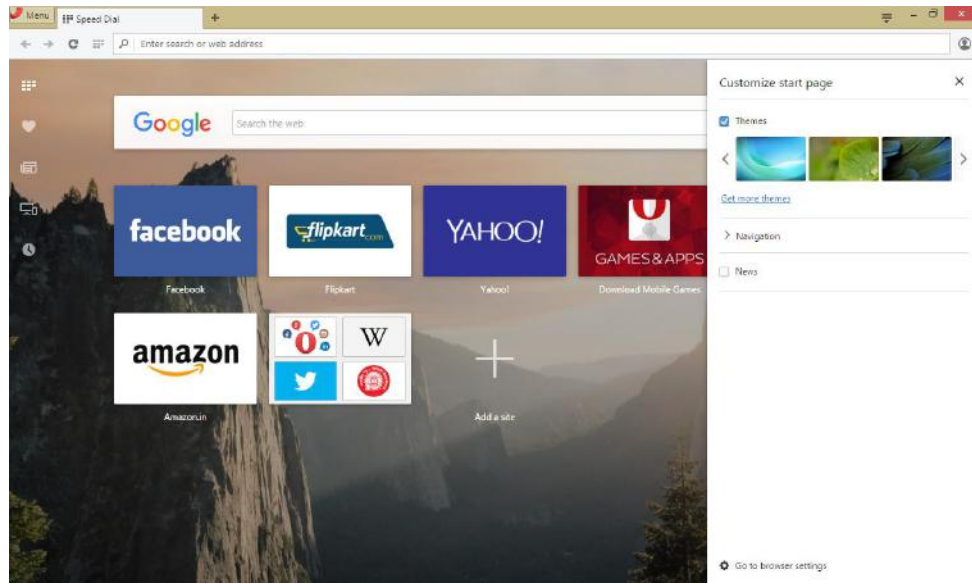
On comparing three of web browsers on the basis of options in each browser for better performing.

**Internet Explorer:** IE has default windows web options.



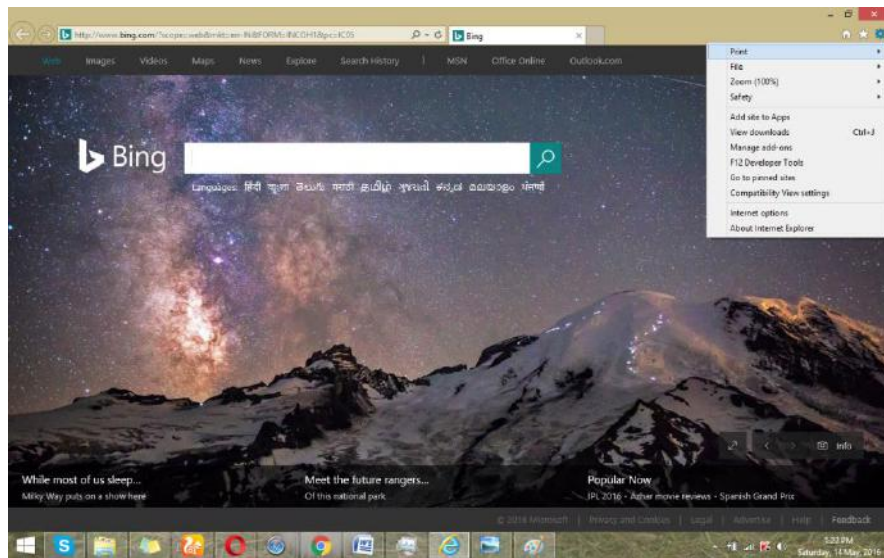
**Safari:** It has not any option menu.

**Opera:** It has not so many options for its better performing.

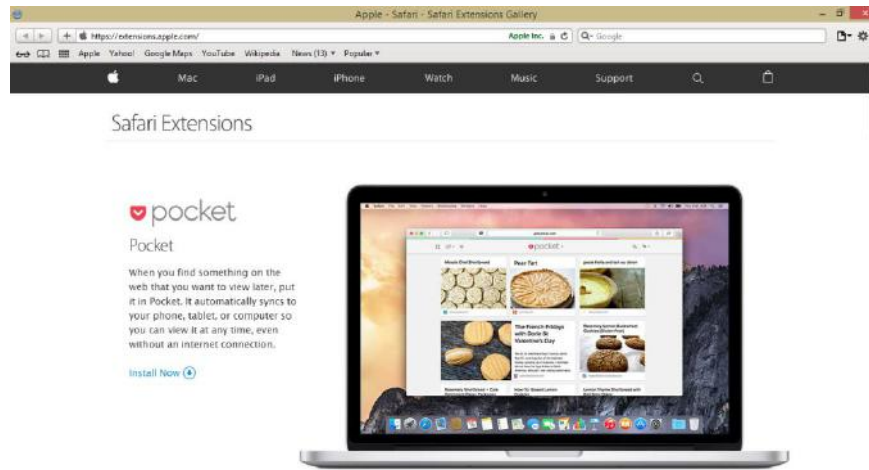


**Customization and Add Ons:-**

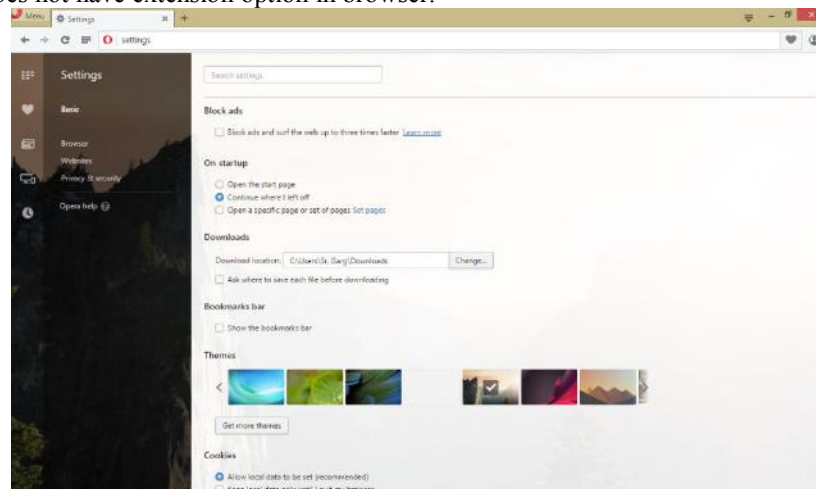
**Internet Explorer:** In IE, there is not much to customize and there is no add ons manager.



**Safari:** Does not have many option



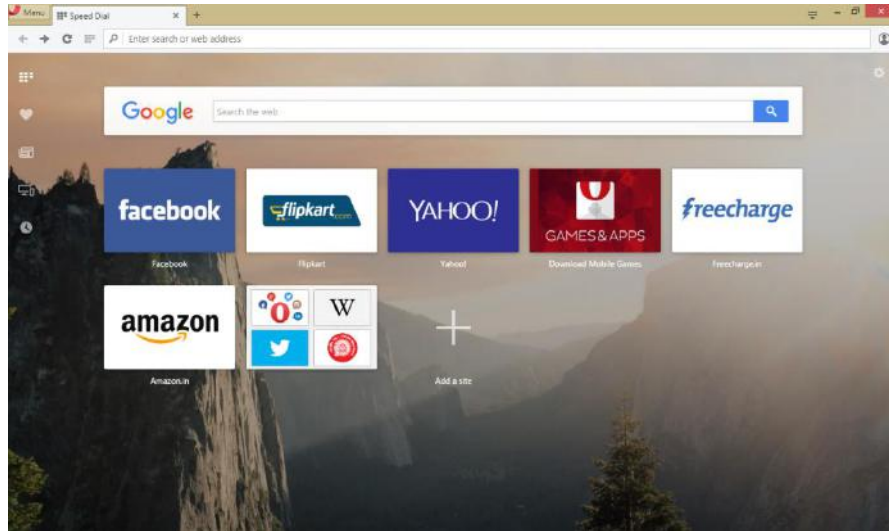
Opera: It does not have extension option in browser.



### 3. Compatibility:-

<b>Internet Explorer</b>	<b>Windows only</b>
<b>Safari</b>	<b>MAC only</b>
<b>OPERA</b>	<b>Windows MAC</b>

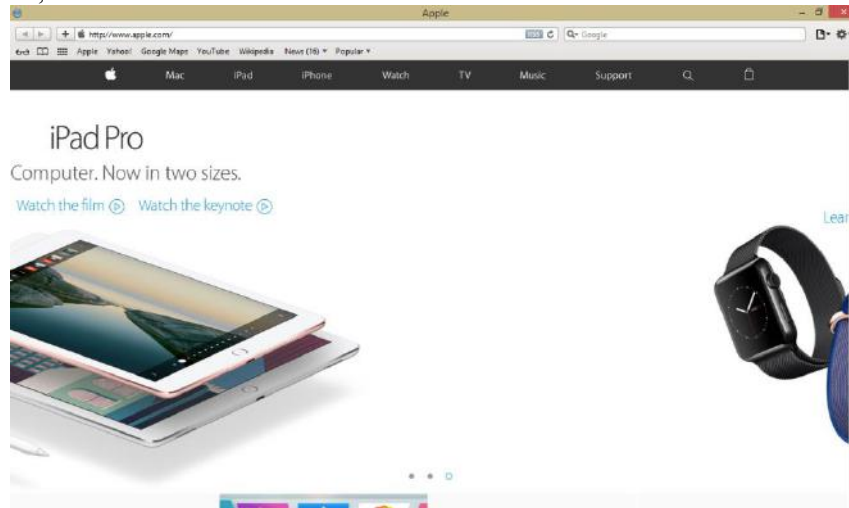
4. Latest Application By each Browser:  
UCB:



It uses blink layout engine.

Latest version is:- 37.0.2178.43 (Released on May 9, 2016)

**Safari:** A Windows version, now discontinued it was available from 2007-2012 this is Safari 5.1.7



**Internet Explorer:** No such application developed by IE.

**Memory Usage:**

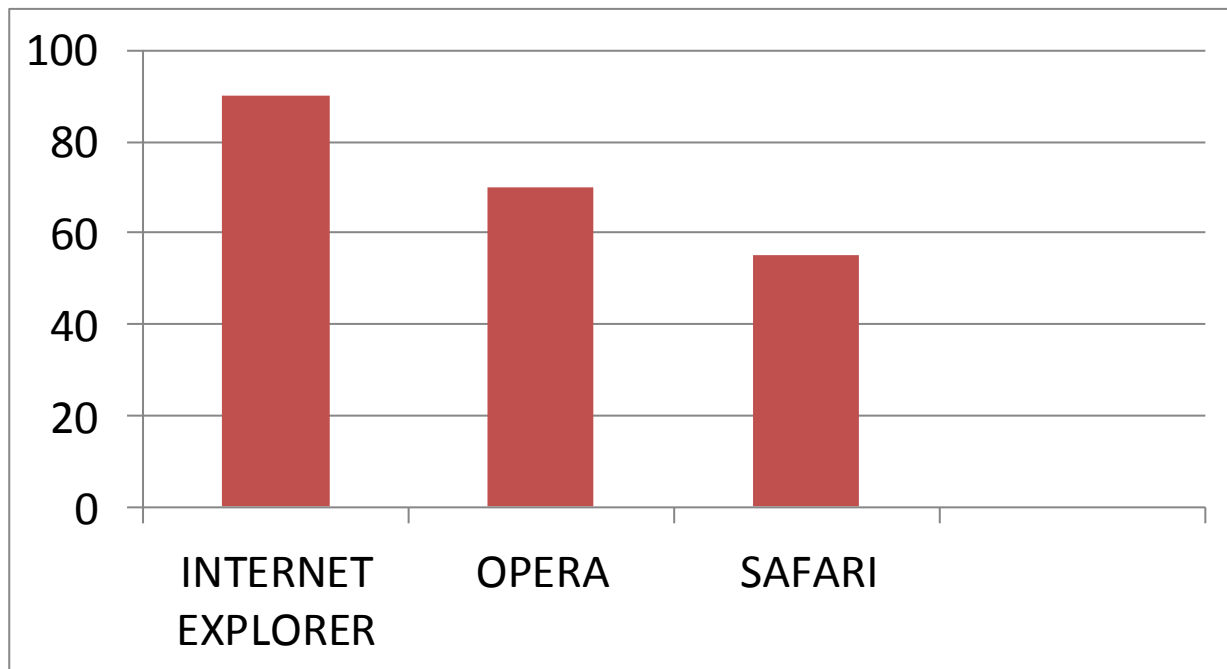
Name	Status	32% CPU	72% Memory	71% Disk	0% Network
<b>Apps (11)</b>					
Windows Photo Viewer		0%	8.8 MB	0 MB/s	0 Mbps
Google Chrome (32 bit)		0.2%	97.7 MB	0.1 MB/s	0 Mbps
Internet Explorer		0%	26.4 MB	0 MB/s	0 Mbps
Microsoft Office Word (32 bit)		0.2%	20.8 MB	0 MB/s	0 Mbps
Opera Internet Browser (32 bit)		0.2%	18.0 MB	0 MB/s	0 Mbps
Safari (32 bit) (2)		9.2%	50.1 MB	4.3 MB/s	0 Mbps

From the above fig. we can conclude that Opera uses 18MB of total memory space.

**CONCLUSION**

On comparison of 3 web browsers at the basis of ACID3 TEST, HOW MANY OPTIONS IN EACH BROWSER FOR BETTER PERFORMING,

CUSTOMIAZATION AND ADD-ONS, COMAPTIBILITY, MEMORY USAGE ACCORDING TO LATEST APPLICATION OF EACH WEB BROWSER factors. I concluded that Internet Explorer is best web browser among Safari and Opera.



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