

Important Extensions

Common image formats used on the web and in digital devices.



JPEG/JPG



Full Form

Joint Photographic
Experts Group



Category

Image



Key Fact

Most common format
for photographs; uses
"lossy" compression.



JPEG



PNG



Full Form

Portable Network
Graphics



Category

Image



Key Fact

Supports transparency
and uses "lossless"
compression.



PNG

Quick Comparison

JPEG/JPG



Category

Image



Compression

Lossy



Transparency

Not supported



Best for

Photographs

PNG



Category

Image



Compression

Lossless



Transparency

Supported



Best for

Graphics, logos, images
with transparent backgrounds



In short:

JPEG/JPG = great for **photos** (smaller size, lossy).

PNG = great for quality and **transparency** (lossless).

[Attempt Quiz Click Here](#)

Important Extensions

File formats help computers store and share different types of data.



GIF

T

Full Form

Graphics Interchange Format



Category

Image



Key Fact

Supports both static and animated images; limited to 256 colors.

Example



Animated GIF



Supports 256 colors (8-bit)



Great for simple animations



Widely used for logos, memes & web graphics



MP3

T

Full Form

MPEG Audio Layer III



Category

Audio



Key Fact

A coding format for digital audio which uses a form of lossy data compression.

Example



MP3 Audio File



Smaller file size



Good sound quality



Works on most devices and players



≡ Different formats. Different strengths. ≡

[Attempt Quiz Click Here](#)

Adda247

INDIA'S NO.1 GOVT EXAM PREP PLATFORM

UGC NET MEGAPACK

For All UGC NET Subjects



Live
Classes



Mock
Tests



E-Books



Videos

- ✓ Learn from India's Best Faculty
- ✓ Comprehensive Preparation

*Your UGC NET Success
Starts Here!*



Bigger Goals



Brighter Future



With Adda247



Assistant Professor



Junior Research Fellowship
(JRF)



Ph.D. Admissions



Higher Education
Opportunities

PAPER 1
(Teaching & Research Aptitude)

Education

Management

Commerce

English

Political Science

Economics

Sociology

& All Other Subjects

*Dream
Prepare
Achieve*

BETTER PREPARATION
BRIGHTER TOMORROW

Test Prime

✓ 800+ exams covered

All Exams, One Subscription.

One Stop Preparation Kit

Salient Features



1.5 Lakh+
Mock Tests



Unlimited
Re-attempt



25k+ Previous
Year Papers



500%
Refund

Test Prime



IBPS



UPSC



Railways



Defence



SSC

and many more...



Explore Now >



*Same
Preparation
Bigger Possibilities!*

Important Extension

File formats help computers store and share different types of data.



MP4



Full Form

MPEG-4 Part 14



Category

Video



Key Fact

Digital multimedia container format most commonly used to store video and audio.



- ✓ Combines video and audio in one file.
- ✓ Widely supported across devices and platforms.
- ✓ Good balance of quality and file size.

Quick Highlights



Video + Audio
Container



Works on
Multiple Devices



Efficient
File Size



Widely Used
on the Web

MP4 – Play, Share, Enjoy!

[Attempt Quiz Click Here](#)

Important Extensions

File formats help computers store and share different types of data.



XLS

T

Full Form

eXcel Spreadsheet



Category

Spreadsheet / Data



Key Fact

Legacy binary format for Microsoft Excel (Excel 97–2003); replaced by the open XML-based .xlsx from Excel 2007 onward.



MDB

T

Full Form

Microsoft Database



Category

Database



Key Fact

Proprietary database file format used by Microsoft Access (Access 97–2003); replaced by the .accdb format starting with Access 2007.



Quick Comparison

XLS

	Category	Spreadsheet / Data
	Compression	Binary (legacy format)
	Best for	Excel spreadsheets (older versions)

MDB

	Category	Database
	Compression	Proprietary format
	Best for	Microsoft Access databases (older versions)



Different formats. Different uses. Same goal – storing your data!

[Attempt Quiz Click Here](#)

Important Extensions

File formats help computers store and share different types of data.



ZIP



Full Form

Zone Improvement Plan



Category

Compressed Archive



Key Fact

Uses **lossless compression** to package one or more files into a single smaller file without losing any data.



Smaller size,
same data!



HTML



Full Form

HyperText Markup Language



Category

Web Document



Key Fact

Standard markup language used to structure web pages; can be displayed by any web browser and edited in a plain text editor.



Quick Comparison

ZIP

	Category	Compressed Archive
	Compression	Lossless
	Best for	Packing multiple files into a single, smaller file.

HTML

	Category	Web Document
	Compression	Not applicable
	Best for	Creating and viewing web pages.



ZIP saves space. HTML builds the web!

[Attempt Quiz Click Here](#)

Important Extensions

File formats help computers store and share different types of data.



WAV

T

Full Form

Waveform Audio
File Format



Category

Audio



Key Fact

High-quality, uncompressed
audio format primarily
used on Windows.



PDF

T

Full Form

Portable Document
Format



Category

Document



Key Fact

A file format used to present
documents in a manner
independent of application
software, hardware, and
operating systems.



Quick Comparison

WAV



Category

Audio



Compression

Uncompressed (high quality)



Best for

Music, professional audio,
Windows systems

PDF



Category

Document



Compression

Varies (often compressed)



Best for

Sharing documents
across different platforms



Different extensions. Different purposes.

[Attempt Quiz Click Here](#)