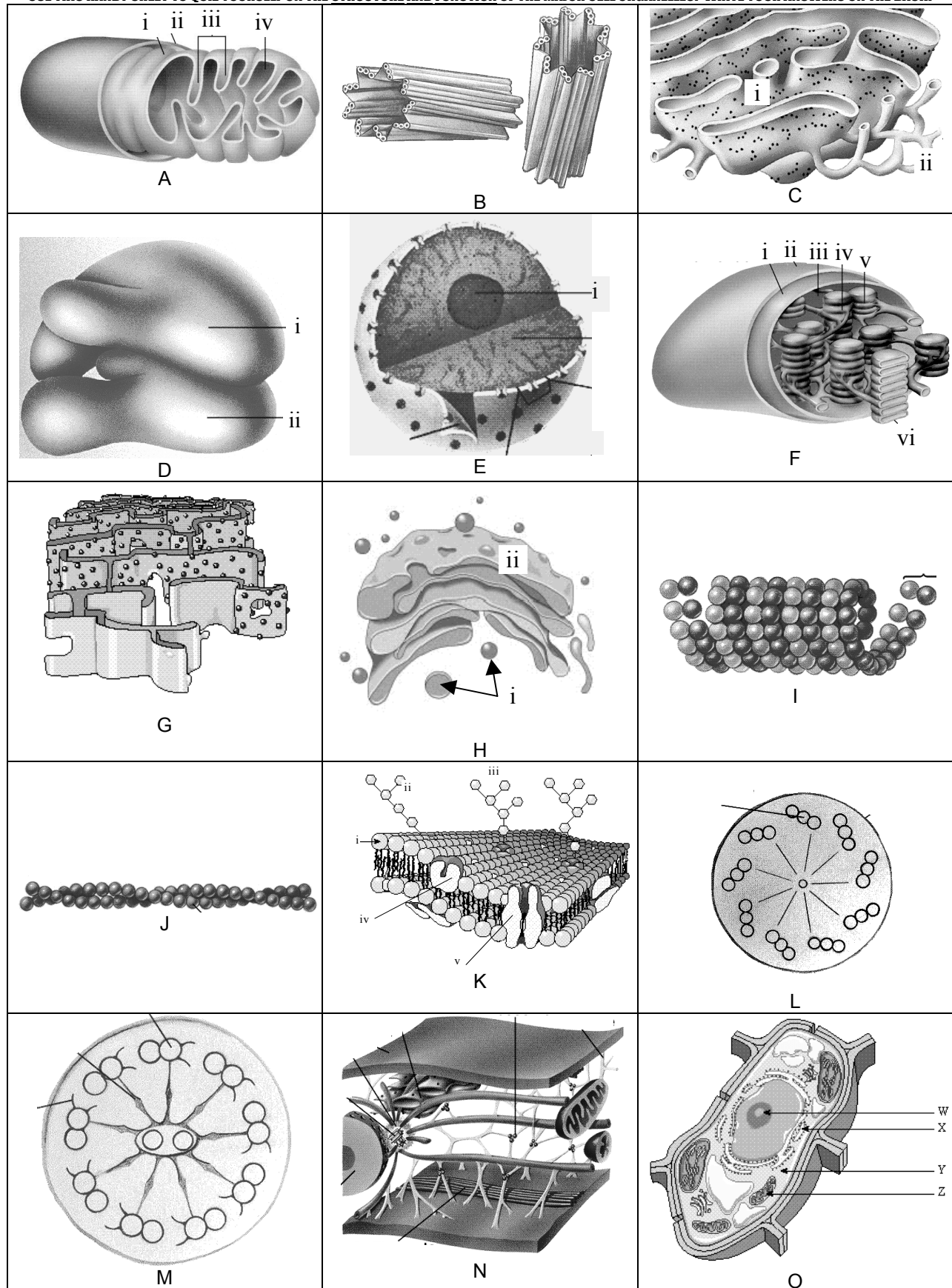


CELL ORGANELLES!!

USE THIS HANDY SHEET TO QUIZ YOURSELF ON THE STRUCTURE AND FUNCTION OF THE MAJOR CELL ORGANELLES! WRITE YOUR ANSWERS ON THE BACK!



Fill In the Missing Information:

<p>A - _____ i = inner membrane ii = outer membrane iii = _____ iv = _____</p>	<p>B - _____ _____ _____</p>	<p>C - _____ i = _____ ii = _____</p>
<p>D - _____ i = small subunit ii = large subunit</p>	<p>E - _____ i = _____ _____</p>	<p>F - _____ i = inner membrane ii = outer membrane iii = _____ iv = _____ v = stroma lamella vi = _____ (cutaway)</p>
<p>G - _____ Foreground = _____ Background = _____</p>	<p>H - _____ i = _____ ii = _____</p>	<p>I - _____ _____</p>
<p>J - _____ _____</p>	<p>K - _____ i = _____ ii = _____ iii = glycoprotein iv = _____ protein v = _____ protein</p>	<p>L - _____ _____</p>
<p>M - _____ _____</p>	<p>N - _____ _____</p>	<p>O - _____ Cell w = _____ x = _____ y = _____ z = _____</p>

Key

<p>A – Mitochondrion i = <i>inner membrane</i> ii = <i>outer membrane</i> iii = <i>crista</i> iv = <i>matrix</i></p>	<p>B - Centriole</p>	<p>C – Endoplasmic Reticulum i = <i>Rough</i> ii = <i>Smooth</i></p>
<p>D – Ribosome i = <i>small subunit</i> ii = <i>large subunit</i></p>	<p>E - Nucleus i = <i>nucleolus</i></p>	<p>F - Chloroplast i = <i>inner membrane</i> ii = <i>outer membrane</i> iii = <i>stroma</i> iv = <i>thylakoid</i> v = <i>stroma lamella (connects grana)</i> vi = <i>granum (cutaway)</i></p>
<p>G - Endoplasmic Reticulum Foreground = <i>Smooth</i> Background = <i>Rough</i></p>	<p>H - Golgi Apparatus i = <i>vesicles</i> ii = <i>saccule</i></p>	<p>I - Microtubule</p>
<p>J - Microfilament</p>	<p>K - Fluid Mosaic Model of Cell Membrane i = <i>phospholipid</i> ii = <i>glycolipid</i> iii = <i>glycoprotein</i> iv = <i>receptor protein</i> v = <i>channel protein</i></p>	<p>L - Basal Body Cross Section – note 9 + 0 arrangement (Centrioles also have 9 + 0 arrangement of microtubules).</p>
<p>M - Cross Section of Cilia or Flagellum. Note 9 + 2 arrangement of microtubules.</p>	<p>N - Cytoskeleton</p>	<p>O - Plant Cell w = <i>nucleolus</i> x = <i>Endoplasmic Reticulum</i> y = <i>Cytoplasm</i> z = <i>Mitochondrion</i></p>