Geometricl Optics

Sr	Questions	Answers Choice
1	The totally reflectiing prism one angle is of:	A. 45° B. 90° C. 180° D. 120°
2	Mathematical relationship between critical angle "C" and refractive index "n" is:	A. N = C B. N = 1 / sin c C. N = 1 / cos c D. N = 1 / sin2 c
3	What does the term e-mail stand for:	A. Emergency mail<o:p></o:p> B. Electronic mail C. Extra mail<o:p></o:p> D. External mail<o:p></o:p>
4	A device which has two ways communication is:	A. Television<o:p></o:p> B. Radio<o:p></o:p> C. Hard disk<o:p></o:p> D. Mobile phone<o:p></o:p>
5	How does sound travel from its source to your ear:	A. By changes in air pressure<o:p></o:p> B. By vibration in wires or strings<o:p></o:p> C. By electromagnetic waves<o:p></o:p> D. By infrared waves<o:p></o:p>
6	Which of the following is not processing:	A. Arranging<o:p></o:p> B. Manipulating<o:p></o:p> C. Calculating<o:p></o:p> D. Gathering<o:p></o:p>
7	If a ray of light is glass is incident on an air surface at an angle greater than the critical angle, the ray will.	A. refract only B. reflect only C. partially refract and partially reflect D. Diffract only
8	The refractive index of air is:	A. 6 B. 7 C. 2 D. 1,0003
9	_____ is always virtual in case of convex mirror.	A. p B. image C. object D. all of these
		A. <span style="font-size:11.0pt;line-height:107%; font-family:"Calibri",sans-serif;mso-ascii-theme-font:minor-latin;mso-fareast-font-family: Calibri;mso-fareast-theme-font:minor-latin;mso-hansi-theme-font:minor-latin; mso-bidi-font-family:Arial;mso-bidi-

10	Which form of energy is sound:	theme-font:minor-bidi;mso-ansi-language: EN-US;mso-fareast-language:EN-US;mso-bidi-language:AR-SA">Electrical B. <span style="font-size:11.0pt;line-height:107%; font-family:"Calibri",sans-serif;mso-ascii-theme-font:minor-latin;mso-fareast-font-family: Calibri;mso-fareast-theme-font:minor-latin;mso-hansi-theme-font:minor-latin; mso-bidi-font-family:Arial;mso-bidi-theme-font:minor-bidi;mso-ansi-language: EN-US;mso-fareast-language:EN-US;mso-bidi-language:AR-SA">mechanical C. <span style="font-size:11.0pt;line-height:107%; font-family:"Calibri",sans-serif;mso-ascii-theme-font:minor-latin;mso-fareast-font-family: Calibri;mso-fareast-theme-font:minor-latin;mso-hansi-theme-font:minor-latin; mso-bidi-font-family:Arial;mso-bidi-theme-font:minor-bidi;mso-ansi-language: EN-US;mso-fareast-language:EN-US;mso-bidi-language:AR-SA">Thermal D. <span style="font-size:11.0pt;line-height:107%; font-family:"Calibri",sans-serif;mso-ascii-theme-font:minor-latin;mso-fareast-font-family: Calibri;mso-fareast-theme-font:minor-latin;mso-hansi-theme-font:minor-latin; mso-bidi-font-family:Arial;mso-bidi-theme-font:minor-bidi;mso-ansi-language: EN-US;mso-fareast-language:EN-US;mso-bidi-language:AR-SA">Chemical
11	The ray of the light after reflection from concave mirror passes through:	A. Centre B. Principal focus C. Pole D. None of these
12	The point through which rays of light pass after reflection from concave mirror is called principal:	A. Focus B. Circle C. Axis D. Radius
13	The focal length is related to radius of curvature by the formula:	A. f = 2R B. f = 4R C. f = R/2 D. R = f/2
14	Totally reflecting prism turns the incident ray at an angle of:	A. 90° B. 60° C. 75° D. 45°
15	To see from submarine the ship at the surface of water , we use:	A. Telescope B. Microscope C. Peri scope D. Prism
16	An example of input device computer is:	A. Keyboard<o:p></o:p> B. printer<o:p></o:p> C. monitor<o:p></o:p> D. RAM<o:p></o:p>
17	The data stored in C.D is:	A. 680 MB<o:p></o:p> B. 650 MB<o:p></o:p> C. 700 MB<o:p></o:p> D. 750 MB<o:p></o:p>
		A. Aluminium<o:p></o:p> B. <p

18	Hard disk is made of:	B. Copper<o:p></o:p> C. Iron<o:p></o:p> D. Plastic<o:p></o:p>
19	Snell' law is:	A. n = sin<x/sin <r B. n=sin <i/sin<r C. n = sin <r/sin<i D. <i/<r
20	In totally reflecting prism one angle is of 90°, and other two angles are of:	A. 30°,30° B. 45°,90° C. 45°,45° D. 40°,40°