

## Physics 10th Class English Medium Unit 5 Online Test

Sr	Questions	Answers Choice
1	An object is placed at the Centre of curvature of a concave mirror. The image produced by the mirror is located:	A. <p class="MsoNormal">Out beyond the centre of curvature<o:p></o:p></p> B. <p class="MsoNormal">At the centre of curvature<o:p></o:p></p> C. <p class="MsoNormal">Between the centre of curvature and the focal point<o:p></o:p></p> D. <p class="MsoNormal">At the focal point<o:p></o:p></p>
2	A converging mirror with a radius of 20cm creates a real image 30 cm from the mirror. What is the object distance:	A. <p class="MsoNormal">5.0 cm<o:p></o:p></p> B. <p class="MsoNormal">7.5 cm<o:p></o:p></p> C. <p class="MsoNormal">15 cm<o:p></o:p></p> D. <p class="MsoNormal">20 cm<o:p></o:p></p>
3	Which of the following quantities is not change during refraction of light:	A. <p class="MsoNormal">Its direction<o:p></o:p></p> B. <p class="MsoNormal">Its speed<o:p></o:p></p> C. <p class="MsoNormal">Its frequency<o:p></o:p></p> D. <p class="MsoNormal">Its wavelength<o:p></o:p></p>
4	Example of mechanical waves is:	A. <p class="MsoNormal">Radio waves<o:p></o:p></p> B. <p class="MsoNormal">X-rays<o:p></o:p></p> C. <p class="MsoNormal">Light waves<o:p></o:p></p> D. <p class="MsoNormal">Sound waves<o:p></o:p></p>
5	The characteristics of sound by which we can distinguish between two sounds of same loudness and pitch is called.	A. <p class="MsoNormal">Intensity<o:p></o:p></p> B. <p class="MsoNormal">Quality<o:p></o:p></p> C. <p class="MsoNormal">Loudness<o:p></o:p></p> D. <p class="MsoNormal">Pitch<o:p></o:p></p>
6	We can distinguish between the notes of a piano and flute due to ..... of sound.	A. <p class="MsoNormal">Loudness<o:p></o:p></p> B. <p class="MsoNormal">Pitch<o:p></o:p></p> C. <p class="MsoNormal">Quality<o:p></o:p></p> D. <p class="MsoNormal">Intensity<o:p></o:p></p>
7	The speed of sound in a liquid is .....than that in gases:	A. <p class="MsoNormal">Ten times<o:p></o:p></p> B. <p class="MsoNormal">Fifteen times<o:p></o:p></p> C. <p class="MsoNormal">Five times<o:p></o:p></p> D. <p class="MsoNormal">Two times<o:p></o:p></p>
8	The sensation of sound persists in our brain for:	A. <p class="MsoNormal">0.1 sec<o:p></o:p></p> B. <p class="MsoNormal">0.01 sec<o:p></o:p></p>

C. <p class="MsoNormal">1 sec</o:p></o:p></p>  
D. <p class="MsoNormal">10 sec</o:p></o:p></p>

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9 The equivalent resistance of a parallel combination is

- A. equal to sum of all resistance  
B. is greater than the largest resistance of combination  
**C. is smaller than the smallest resistance of combination**  
D. All of these
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10 When resistance are connected in series the current passing through them is .

- A. Different  
B. Zero  
**C. The same**  
D. None of these
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11 The property of substance, which opposes the flow of current through it is called.

- A. Resistance**  
B. Reactance  
C. Resistivity  
D. None of these
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12 As the temperature of a conductor rises, its resistance.

- A. Increase**  
B. Decrease  
C. Does not change  
D. None of these