NDA KA SAPNA, AB HOGA APNA

ATMOSPHERIC REFRACTION & SCATTERING

DPP No. 11

1. Which one of the following phenomenon can not be attributed to the refraction of light

A. Twinkling of star
B. Mirage
C. Rainbow
D. Redshift

2. Star Seems higher than they actually appear due to

A. Reflection
B. TIR
C. Dispersion
D. Atmospheric Refraction

3. A water tank appears shallowers when it is viewed from top due to

A. Rectilnear Propogation of Light
B. Reflection
C. TIR
D. Refraction

4. Stars Twinkle because of

A. Reflection
B. TIR
C. Dispersion
D. Atmospheric Refraction

5. The blue colour of sky is due to

A. Reflection
B. TIR
C. Scattering
D. Atmospheric Refraction

6. The colour of sun at sunrise ans sunshet is red due to

A. Reflection
B. Scattering
C. Dispersion
D. Atmospheric Refraction

7. Stars twinkle but planets do not twinkle because

A. They emits light of a constant intensity
B. Their distance from the earth doea not change with time
C. They are very far away from the earth resulting in decrease in intensity of light
D. They are nearer to the earth and hence we receive a greater amount of light and therefore minor variations in intensity are not noticeable

8. Which one of the following is not caused by atmospheric refraction of light?

A. Sun appearing higher in the sky than it actuualy is
B. Sun becoming visible two or three minutes before actual sunrise
C. Sun appearing red at sunshet
D. Twinkling of stars at night

9. The blue colour of water in the sea is due to

A. Absorption of other colours except blue by water molecules
B. Scattering of blue light by water molecules
C. Reflection of Blue light by impurities in sea water
D. Reflection of blue sky by sea water

10. How will you get success in NDA

A. Regular in shyam sir's classes
B. Complete syllabus
C. More revision
D. All of these

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