

MODEL PAPER
A.P.O.S.S - INTERMEDIATE
JUNE 2023

Subject - PHYSICS

Code No. 312-E

APOSS Open School Society
Senior Secondary Level Course

Time : 3 Hours]

[Max. marks : 80

Section - A

(13 x 2 = 26 Marks)

Note : i) *All are very short answer type questions.*

ii) *Answer All questions.*

iii) *Each correct answer carries 2 marks.*

1. Write any two derived quantities with their names units and symbols.
2. Explain why, when catching a fast moving ball the hands are drawn back.
3. How the elasticity of materials is affected by change in temperature?
4. State second law of thermodynamics.
5. What is simple harmonic motion ?
6. How do convert moving coil galvanometer into an ammeter?
7. In our homes the electricity is supplied at 220 V, calculate the resistance of the bulb if the current drawn by it is 0.2A.
8. What are coherent sources?
9. Why dish antennas are in concave shape?
10. Define half life period of Radio active substance.
11. Draw the circuit symbols of n-p-n and p-n-p transistors.
12. What is meant by band width?
13. In what respect is video tape different from audio tape?

June 2023

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INTER (A.P.O.S.S.) Physics (E.M.)

