

first mid term modal question paper 2019

SCIENCE -PHYSICS

Total mark 25m

STD -10

SECTION -A

5x1=5m

choose the correct answer

1.Different types of forces

- a) 2 b) 5 c) 3 d) 4

2.Weight is

- a) ma b) mg c) mu d) mv

3. is an external form of push or pull

- a) force b) velocity c) speed d) momentum

4.Magnification is denoted by the letter.....

- a) D b) M c) m d) A

5. Lenses are classified intotypes

- a) 3 b) 6 c) 4 d) 2

SECTION- B

5x2=10m

Answer any FIVE question

6. Define inertia

7. state Newton's third law

8. what is linear momentum
9. what is scattering
10. write uses of simple microscope
11. what is Retina
12. write application of concave lenses
13. what is mass

SECTION -C

2x5=10m

Answer any TWO question

- 14 .a) Describe rocket propulsion

(OR)

- b) state and prove $F = ma$

- 15 a) Explain the construction of simple Microscope

(OR)

- b) An object is placed at a distance 20cm from a convex lens of focal length 10cm. find the image distance and nature of the image.

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all the best

prepared

by

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