

“Dissemination of Education for Knowledge, Science and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

(Autonomous)

Department of Physics

ICT based CIE

on

B.Sc. II: Internal Examination of Fundamentals of Astronomy

Conducted by

Mr. S. V. Malgaonkar

on

Date: 13-08-2021, Time: 11.00 am to 11.30 am

(2020 – 21)

B.Sc. (Part-II) Semester- III Examination Oct / Nov. 2020

Subject : Fundamentals of Astronomy

Date: 13-08-2021, Time: 11.00 am to 11.30 am

Attempt any 20

Total Marks : 40

* Indicates required question

1. Email *

2. Name *

3. PRN No. *

4. Seat No. *

5. Email Id *

6. 1. Copernican theory is known as ----- theory. *

2 points

Mark only one oval.

- a) Geocentric
- b) Heliocentric
- c) Gravitational
- d) Magnetic

7. 2. According to Ptolemy ----- is at center of the universe. *

2 points

Mark only one oval.

- a) Mars
- b) Earth
- c) Saturn
- d) Sun

8. 3. Luminosity of star measures ----- of star. *

2 points

Mark only one oval.

- a) Brightness
- b) Length
- c) Thickness
- d) Density

9. 4. ----- method is more direct method used to measure Luminosity. * 2 points

Mark only one oval.

- a) Visual
 b) Photographic
 c) Photoelectric
 d) Quantum

10. 5. Luminosity of star can define on ----- scale. * 2 points

Mark only one oval.

- a) Magnitude
 b) Electric
 c) Magnetic
 d) both b and c

11. 6. One cycle of moon contains----- days. * 2 points

Mark only one oval.

- a) 25.5
 b) 28.5
 c) 29.5
 d) 32.5

12. 7. The period of rotation of earth is called as-----days. *

2 points

Mark only one oval.

- a) Solar
- b) Sidereal
- c) Noon
- d) Bright

13. 8. Celestial sphere has -----radius. *

2 points

Mark only one oval.

- a) finite
- b) Infinite
- c) Constant
- d) Zero

14. 9. To locate point on Celestial sphere -----required. *

2 points

Mark only one oval.

- a) Celestial co-ordinates
- b) Cartesian co-ordinates
- c) Spherical co-ordinates
- d) Both b and c

15. 10. Astronomers fix their watches at -----time. *

2 points

Mark only one oval.

- a) Sidereal
- b) Night
- c) Noon
- d) Evening

16. 11. Longitude and latitude are -----co-ordinates. *

2 points

Mark only one oval.

- a) Celestial
- b) Cartesian
- c) Spherical
- d) Both b and c

17. 12. Celestial distances measured in ----- *

2 points

Mark only one oval.

- a) kilometer
- b) meter
- c) cm
- d) light years

18. 13. Asteroids are ----- *

2 points

Mark only one oval.

- a) small planets
- b) large planets
- c) comets
- d) rocks

19. 14. Big dipper consist of ----- stars. *

2 points

Mark only one oval.

- a) Five
- b) four
- c) seven
- d) nine

20. 15. Orion is also known as ----- *

2 points

Mark only one oval.

- a) Hunter
- b) summer triangle
- c) comets
- d) aries

21. 16. Light is ----- waves *

2 points

Mark only one oval.

- a) matter
- b) electromagnetic
- c) magnetic
- d) electric

22. 17. Heated object emits radiation in ----- region. *

2 points

Mark only one oval.

- a) UV
- b) Visible
- c) IR
- d) microwave

23. 18. Resolving power of prism depends on ----- *

2 points

Mark only one oval.

- a) length
- b) thickness
- c) density
- d) refractive index of material
- on 1

24. 19. Proto stars is ----- of a star. *

2 points

Mark only one oval.

- a) Death
- b) Birth
- c) age
- d) none of above

25. 20. ----- is last stage of stellar evaluation. *

2 points

Mark only one oval.

- a) pulsar
- b) white dwarf
- c) black hole
- d) supernova

26. 21. The period of Halley comet is ----- years. *

2 points

Mark only one oval.

- a) 71
- b) 66
- c) 76
- d) 86

27. 22. The length of Asteroids ranges from ----- *

2 points

Mark only one oval.

- a) 1 cm to 10 cm
- b) 1 m to 10 m
- c) 1 km to 100 km
- d) 1 mm to 10 mm

28. 23. Sun light lies in ----- region *

2 points

Mark only one oval.

- a) UV
- b) Visible
- c) IR
- d) microwave

29. 24. Magnification of optical instruments depends on -----.*

2 points

Mark only one oval.

- a) Size of the object
- b) Length of the object
- c) Lens of instruments
- d) None

30. 25. In Marathi Big dipper also known as -----.*

2 points

Mark only one oval.

- a) Sptarishi
- b) Rohini
- c) dog star
- d) none

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B.Sc. (Part-II) Semester- III Examination Oct / Nov. 2020

11 responses

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Aniket Ananda Patil

Siddhesh shivaji shinde

Malhar Uday Mane

Kunal ketan sarnaik

Shivanand Sanjeev satbige

Alsaba javed sayyad

Rohit rane

Omkar Baban Pirai

Prajakta krushnat patil

Kiran bhimrao Waghmode



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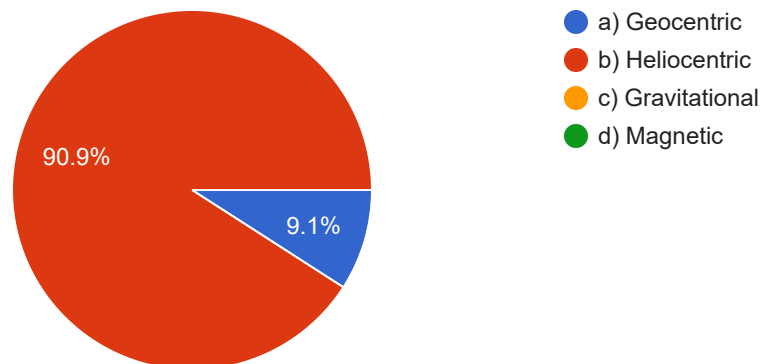
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1. Copernican theory is known as ----- theory.

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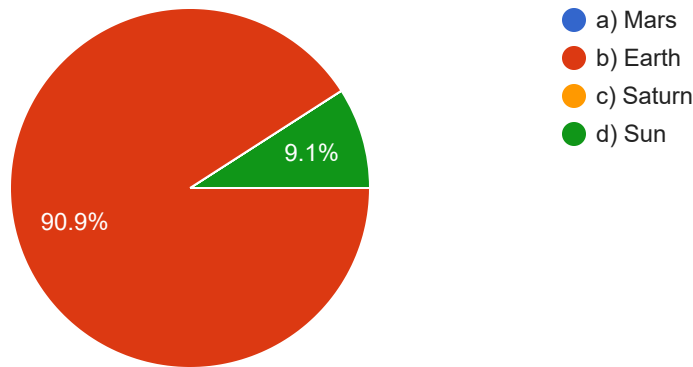
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2. According to Ptolemy ----- is at center of the universe.

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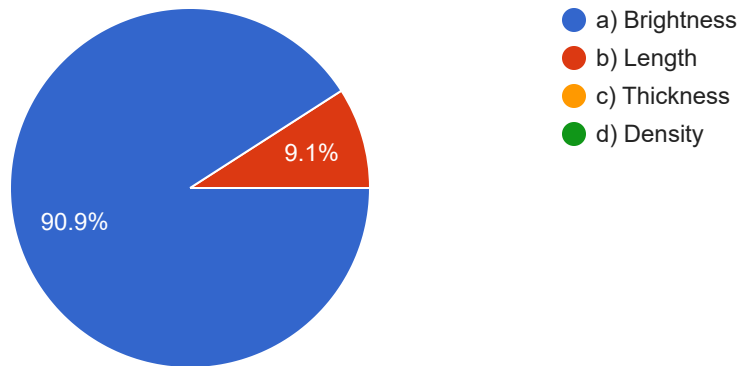
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3. Luminosity of star measures ----- of star.

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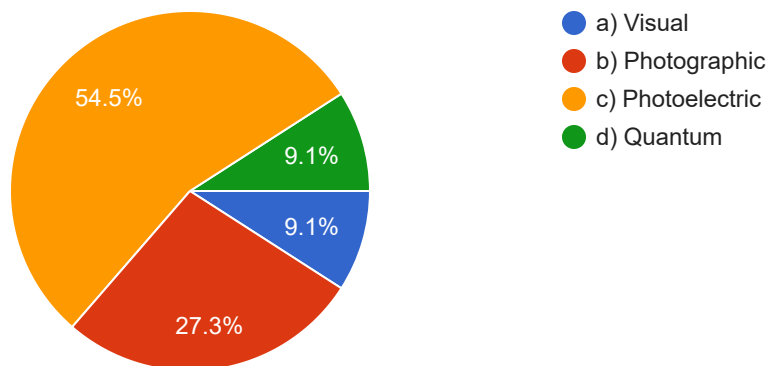
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4. ----- method is more direct method used to measure Luminosity.

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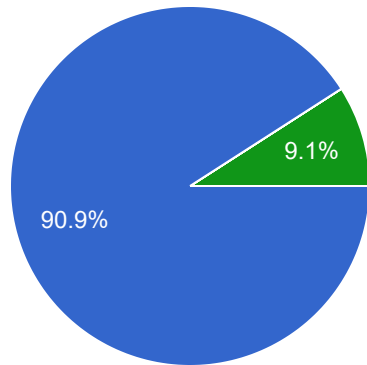
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5. Luminosity of star can define on ----- scale.

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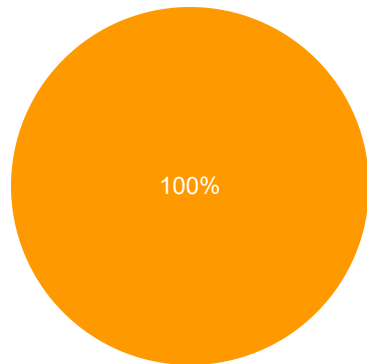


- a) Magnitude
- b) Electric
- c) Magnetic
- d) both b and c

6. One cycle of moon contains----- days.

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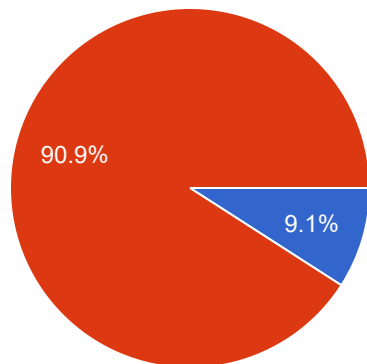


- a) 25.5
- b) 28.5
- c) 29.5
- d) 32.5

7. The period of rotation of earth is called as-----days.

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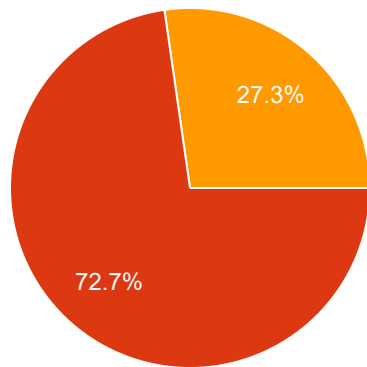
- a) Solar
- b) Sidereal
- c) Noon
- d) Bright



8. Celestial sphere has -----radius.

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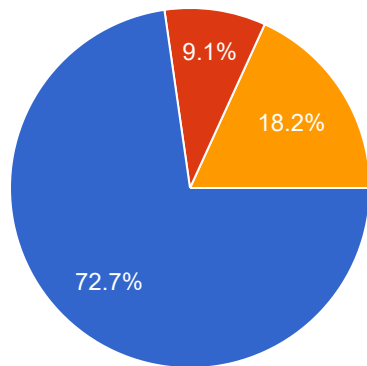


- a) finite
- b) Infinite
- c) Constant
- d) Zero

9. To locate point on Celestial sphere -----required.

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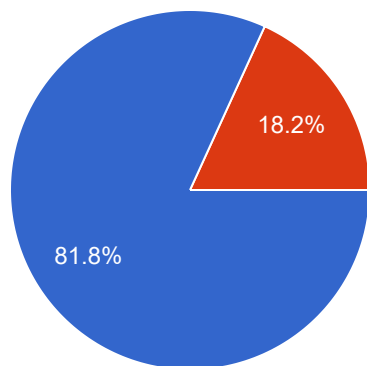


- a) Celestial co-ordinates
- b) Cartesian co-ordinates
- c) Spherical co-ordinates
- d) Both b and c

10. Astronomers fix their watches at -----time.

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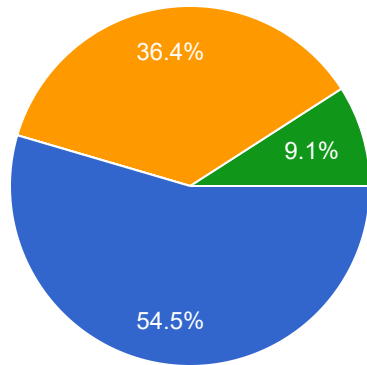
- a) Sidereal
- b) Night
- c) Noon
- d) Evening



11. Longitude and latitude are -----co-ordinates.

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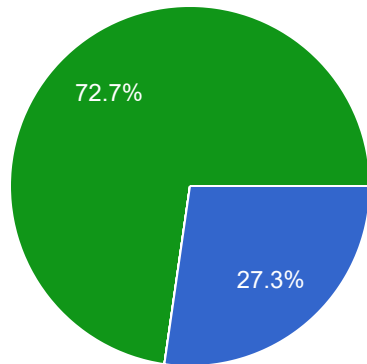


- a) Celestial
- b) Cartesian
- c) Spherical
- d) Both b and c

12. Celestial distances measured in -----

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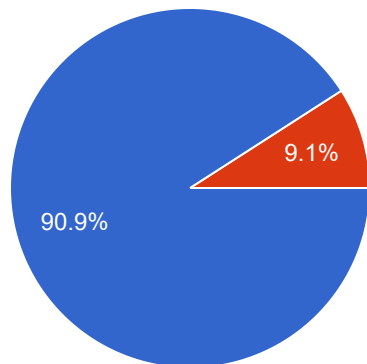


- a) kilometer
- b) meter
- c) cm
- d) light years

13. Asteroids are -----

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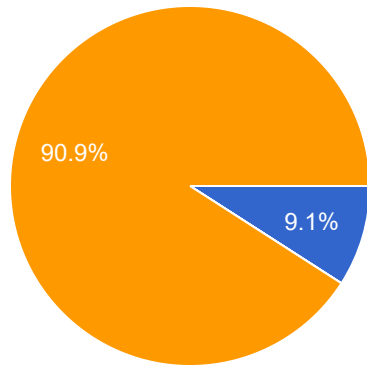
- a) small planets
- b) large planets
- c) comets
- d) rocks



14. Big dipper consist of ----- stars.

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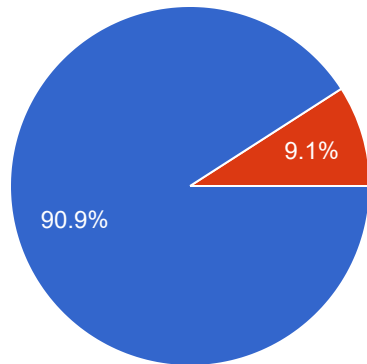


- a) Five
- b) four
- c) seven
- d) nine

15. Orion is also known as -----

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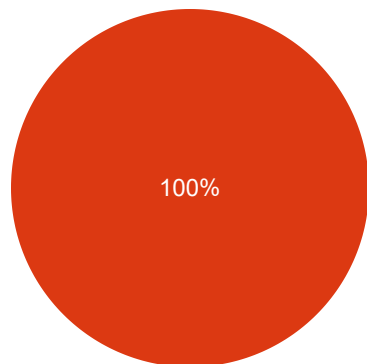


- a) Hunter
- b) summer triangle
- c) comets
- d) aries

16. Light is ----- waves

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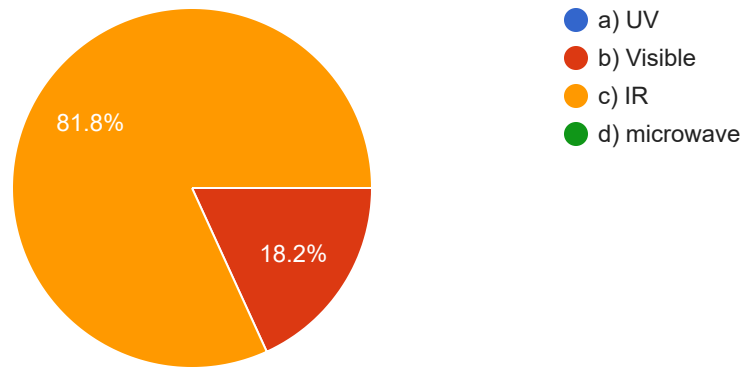
- a) matter
- b) electromagnetic
- c) magnetic
- d) electric



17. Heated object emits radiation in ---- region.

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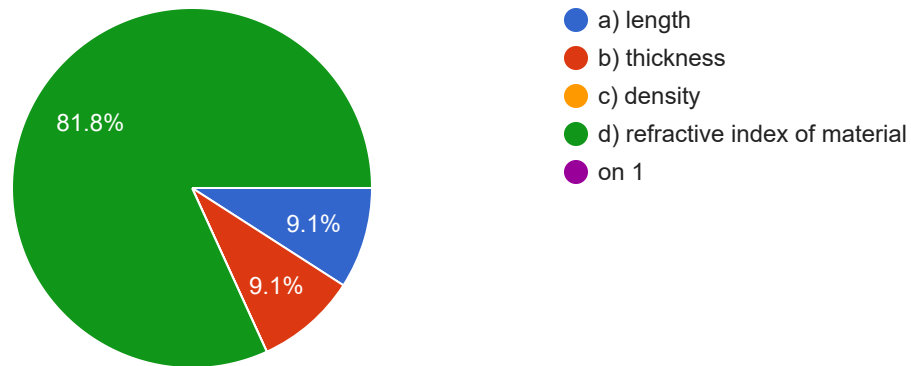
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18. Resolving power of prism depends on -----

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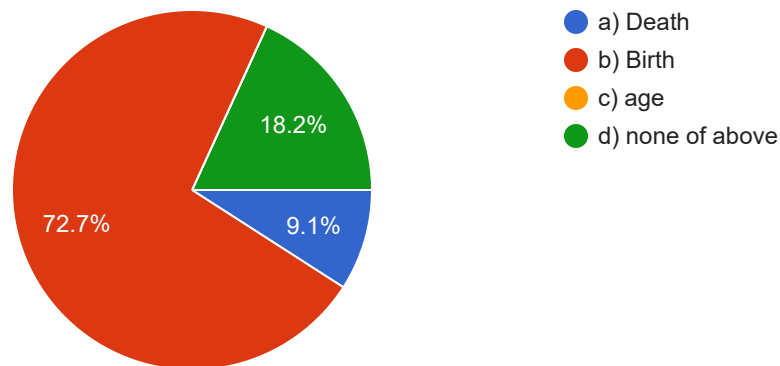
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19. Proto stars is ----- of a star.

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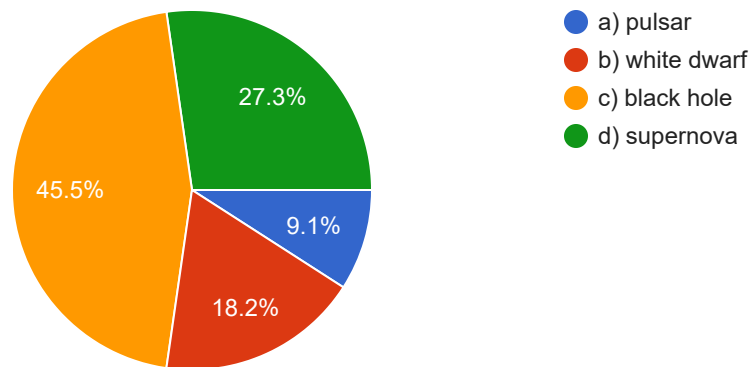
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20. ----- is last stage of stellar evaluation.

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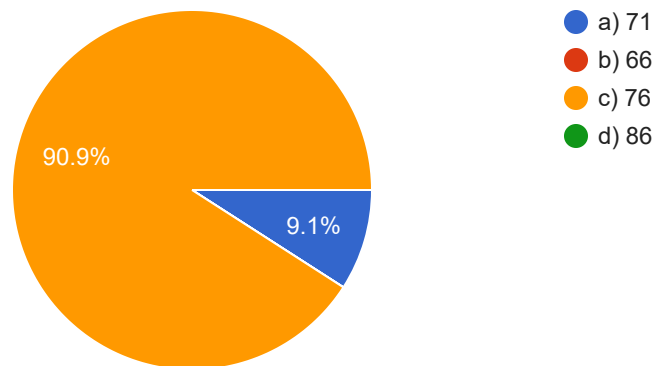
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21. The period of Halley comet is ----- years.

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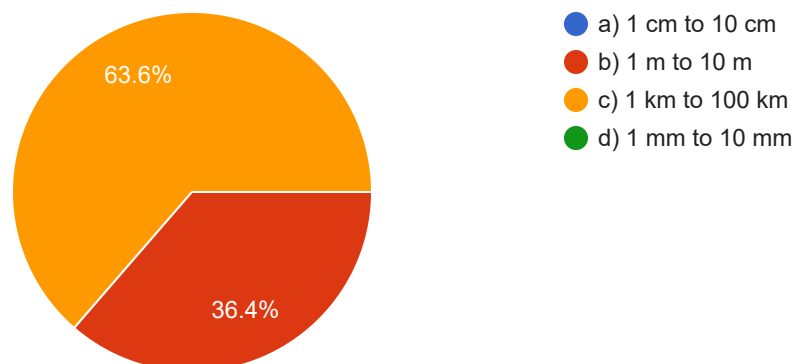
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22. The length of Asteroids ranges from -----

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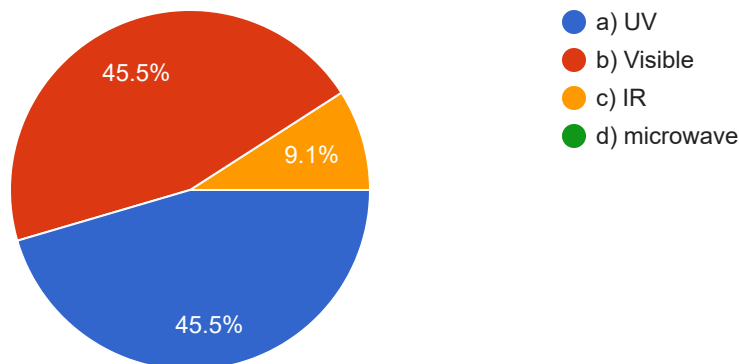
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23. Sun light lies in ----- region

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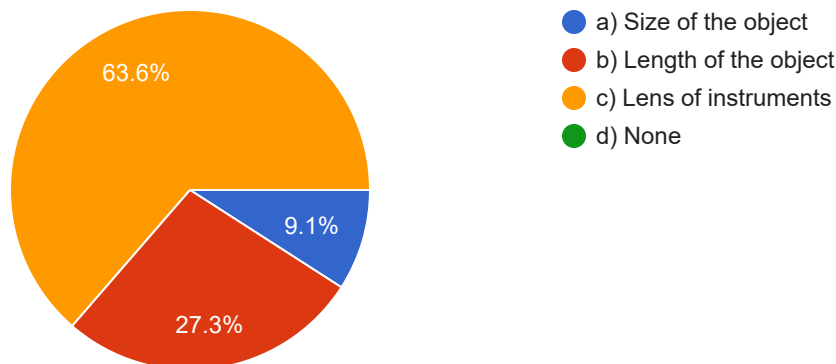
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24. Magnification of optical instruments depends on -----.

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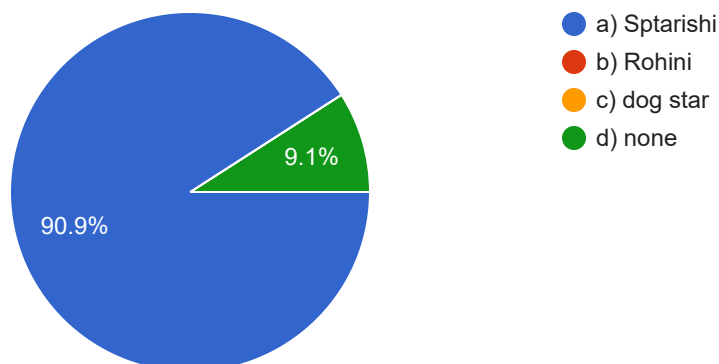
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25. In Marathi Big dipper also known as -----.

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