Z- PHYSICS

JESSON O:
Creative one mark Questions

Loith Answer.

- D Natural motion another -----
- a) violent motion another ----
- a) Different types of inestia ----
- 4) An Athlete puns some distance before jumping in----
- 5) momentum SI Unitis---
- b) momentum c.v.s unit is----
- 7) Force 1/3 ---- Quantity
- 8) Dittorent happen of forces ----
- 9) A single torce which is termed as --- Resultant torce
- 10) The axis of the fixed edge about which the door is rotated is called as the ---- axis of Rotation.

- 11) moment of the torce another name---
- 18) rosque symbol are --T. (Tau)
 - 13) Torque Its SI unit is ----
 - 14) Torque in a --- Quentity vector
 - * nown as ---- of a couple is
 - 16) The unit of moment of a couple
 - in cus system ----
 - 18) Force = masx -----
 - 19) _ -- is a required to produce

 How acceleration of a body
- ab) The acceleration is produce along the radius called as ---centripetal acceleration

- al) SI unit of torce is to----
- 20) cus system its unit of tone ---
- 23) IN = ----1 kg ms-2
- 24) I dyne = ____
- 25) IN = ----
 - ab) 1 kg f = ----
 - 27) 19+= ----980 dyne
 - 28) A large force acting for a very short interval of hime in called as ----
 - ag) Impulse Its whit in ----
 - 30) Kg ms-1 (08) ----

31)	NS (01)
	K9015-1
32)	A large torce acting for a strong
	persiod of
	h'me
23)	ROCKETS are filled with a tree
	either liquid (or)
	Solid
34)	" " unit 1's?
	Nm2 Kg-2
35)	'g' IH unit in?
77.	ms-2
36)	mean value of the acceleration due
-/	to gravity is taken as?
	9.8 ms-2
37)	Acceleration due to gravity?
417	9- 01147
	Re 1 de is noder
	-ioration of the honce a =?
38)	Acceleration of the body honce a =? He action of gravity honce a =?
	9
	man of the Earth formula is
39)	Man at 112
	M- O
	You can calculate the man of the
407	You can care
	Earth as - 5.9+2 ×1024 Kg.

41)	8 depends on the geometric radius
	of the Earth Jd
	>/e 2_
42)	man si unit is
	Kilogram (Kg)
43)	The value of acceleration due to
	gravity on the surface of the
++)	mechanics is divided into and
	deramia
	statics
15)	carculate the velocity of a moving
	hody of mays 5kg worse linear
	momentum as Kams-1?
	0.5 m5-1
61	one Kilogram force esuculto?
	98 ×10 4 dyne
7)	F = weight =
~	1000 pt gravitationed in
8)	Newton's law of gravitational the force acting on the body is given by
	F= Wind
	R2
f9)	A smaller force acting for a
7 / /	1-20 a shooled At
	longer period of
1 4	time

The amount of torce required 50) to produce an acceleration of 1 ms - 2 LESSON (2). travers in the form of --waves 2 The path of light is called ----Ray of light 3 Light is a toom of ----Energy (4) The speed of light ---3×108 ms-1 0 The violet light has the -wavelength Lowest The Red light has the --6 wavelensth highest deviation of raw of light is 9 called __ retraction

Snells law tormula is ---

(9) Raman scattering ---- scattering Inelastic (10) A lens is an optically ---- medium transparent when a parallel beam of monochromatic (11) -- Coloured single The spectral lines having toernency (12) esual to the incident roug fresciency is called Rayleigh line 13) The lines having trequencies lower man the incident tremency is caned stokes lines (14) The lines having forequencies higher than the incretent forquency are called Anto stokes lines (15) Convex (02) --bi- convex lens (16) (oncare (or) ---bi- concare Lens (P) a concare lons in also called as diversing lens (18) --- are used as carriera lenses Convex lenses.

(19)	The lens formula and lens makers
	torroula are applicable to only
	Lenses Thin
20	The st unit of power of a lens is
	dioptoe
<u> </u>	If focal length is expressed in
	m
22	Then the power of lens is expressed in
	D D
23	Thus I D is the power of a lens, Whose tocal length is
224	1 metre
24	The long maker's formula is one
	such equation is given as
	$\frac{1}{f} = (M-1)\left(\frac{1}{R_1} - \frac{1}{R_2}\right)$
23	10 =
	100-1
20	All lenses are made up of
	materials
3	transparent
カ	If the magnification is freater than I then we get an _
	Enlarged Image.
9	Lens tormula It is expressed as
	1/4 = Vv - Yu
100	15-10/10

diminished image 30 The eye ball is approximately sphemical in stape with a dampter of about 2.3 cm 8 normal human eye can electry between 25 cm and see all the objects placed between 25 cm and short sightedness 31 Then the tocal length of the Required concave Lens is \$ 1 estimation can be corrected by using cylindrical lenses \$ 1 cylindrical lenses \$ 1 cylindrical lenses \$ 2 cylindrical lenses \$ 3 simple microscope has a convex focal length \$ 1 cylindrical lenses \$ 1 cylindrical lenses \$ 2 cylindrical lenses \$ 3 cylindrical lenses \$ cylindrical lenses \$ cylindrical lenses \$ cylindrical lenses	29	If the magneticution is less than
diminished image 30 The eye ball is approximately spherical in stape with a dameter of about 2.3 cm 31 of normal human eye can electry between 25 cm and see all the objects placed between 25 cm and short sightedness 32 Myopia, also known as short sightedness 33 Then the total length of the Required concave Lens is \$34 Astromatism can be corrected by using cylindrical lenses (41 indrical lenses 35 Cylindrical lenses 36 Simple microscope has a convex focal length 10 Inoral lenses		1. Hen we get a
Aphenical in shape with a diameter of about 2.3 cm 8 normal human eye can electly between 25 cm and 25 cm and 26 cm and 27 cm and 30 Myopia, also known as Short sightedness Then the tocal length of the Required concave Lens is f=-x. 34 Astigmatism can be corrected by using Cylindrical lenses Cylindrical lenses Cylindrical lenses Simple metroscope has a convex lens of thom Torrid lenses Simple metroscope has a convex focal length Torrid lenses		
B normal human eye can clearly see all the objects placed between 25 cm and	30)	sphenical in shape with a diameter
see all the objects placed between 25 cm and	(31)	
Myopia, also known as Short sightedness Then the tocal length of the Required concave Lens is f= -x. Astigmatism can be corrected by using Cylindrical lenses Cylindrical lenses Cylindrical lenses Simple microscope has a convex lens of short focal length Cympound microscope has wmpound microscope has wmpound microscope has wmpound microscope has wmpound microscope has		see all the objects placed between 25 cm and
Then the tocal length of the Required concave Lens is f=-x. 34 Astigmatism can be corrected by using (4) Cylindrical lenses (4) Cylindrical lenses (5) Cylindrical lenses (5) Simple microscope has a convox focal length (6) Umpound microscope has	33	OC -Entinity
Then the total length of the Required concave Lens is— f=-x. 34 Astigonatism can be corrected by using— Cylindrical lenses Cylindrical lenses Cylindrical lenses (solution of lenses) Simple microscope has a convex focal length focal length Wimpound microscope has—box		short sightedness
39 Astignation can be corrected by using	(33)	Then the toral leases
Cylindrical lenses Cylindrical lenses Cylindrical lenses Torrid lenses Simple microscope has a convex lens of short focal length compound microscope has		
(35) Cylindrical lenses (or)	(34)	US/18
Simple microscope has a convex focal length wompound microscope has box	(35)	Cylindrical lenses
3b Simple microscope has a convex lens of short		Cylinarical lenses (er)
focal 10 noth focal 10 noth compound microscope has bon	(36)	Simple microscope have
compound microscope has bon		VT 30077
compound microscope has to	B7)	
h again		compound microscope has to
power than simple microscope		bower than simple magnification

an ___ in used to view heavenly bodies like stown,

Astronomical Telescope

39 ____ and ___ are the troomajor
types of relescope

Astronomical relescope

Terrestrial relescope

The Host relescope was invented by ---Tohn Lippershey in 1608.

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