Q50. A person walks first 10 km north and 20 km east the resultant vector is

- d. 25.23 km
- If the slope of a line is -3/8 and the y-intercept is 4, Q56. standard form of equation will be

a.
$$8x + 3y = 24$$

b.
$$4x + 2y = 32$$

c.
$$3x + 8y = 32$$

d.
$$3x + 8y = 24$$

Which is the greatest common factor of 18 and 24 Q52.

Q53. (-8) - (-4) = a. 0

0.55

- b.
- Cd.
- 16
- ab.
- d.
- XI. a.
- b.
- Q57.
 - - a

a

C

Q58.

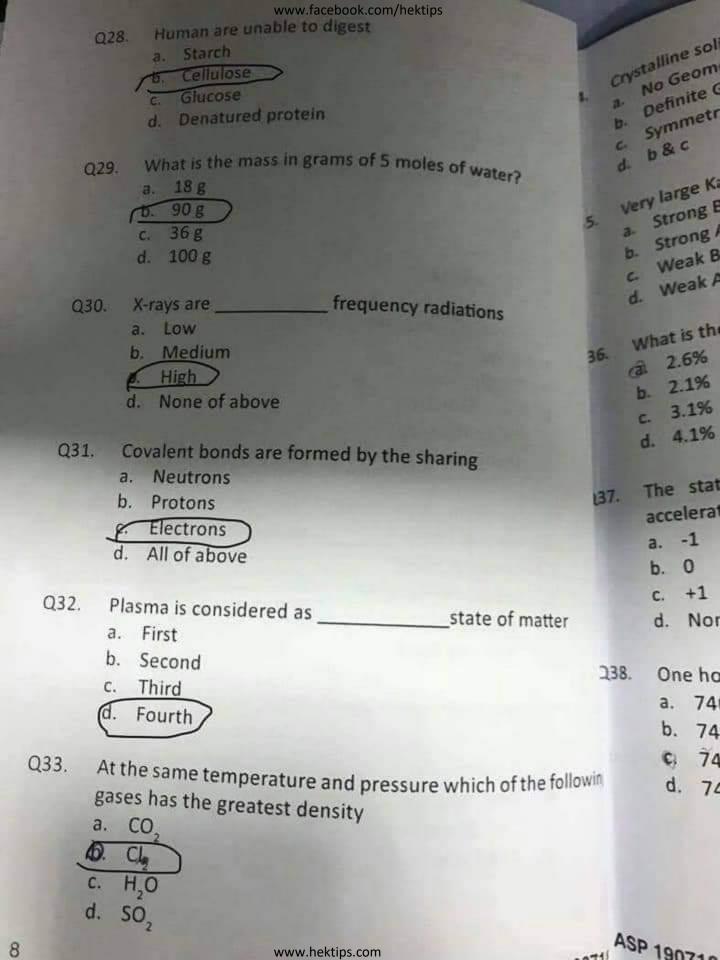
Q59.

Which of the following is Not recycled in Ecosystems?

Water

	b. Sulphur c. Carbon o. Energy
a	The study of Birds is a. Herpetology c. Entomology b. Ornithology
Q3.	many possible codons? a. 16 b. 20
	© 8 d. 4
Q4.	Embryo implants in theof the uterus a. Perimetrium b. Cervix c. Myometrium d. Endometrium
(5.	The mammalian forebrain is differential into the thalamus, limbic system and the a. Cerebrum
	c. Cerebellum d. Hippocampus

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Q17 Lysosomes are bounded by a a. Thin membrane b. Double membrane c. Single membrane d. None of above	pot 23 a. b.
Q18. The reddish color of the algae is due to a. Chlorophyll b. Phycoerythrin c. Saprophytes d. Flagella	Z.A. a.
Q19. Tracheophytes have cells called a. Phylum b. Psilopsida c. Tracheids d. Lycopsida	25.
Q20. Organs of excretion in annelids are a. Green gland b. Kidneys c. Malpighian d. Nephridia e. Flame cells	126.
Q21. The word Alkali means a. Spirit b. Ashes c. Base d. Basic Salt	Q27
Q22. Which of the following is not Alkali metal? a. Fr b. Ra c. Cs d. Rb www.hektips.com	
	Q17. Lysosomes are bounded by a a. Thin membrane b. Double membrane c. Single membrane d. None of above Q18. The reddish color of the algae is due to a. Chlorophyll b. Phycoerythrin c. Saprophytes d. Flagella Q19. Tracheophytes have cells called a. Phylum b. Psilopsida c. Tracheids d. Lycopsida Q20. Organs of excretion in annelids are a. Green gland b. Kidneys c. Malpighian d. Nephridia e. Flame cells Q21. The word Alkali means a. Spirit b. Ashes c. Base d. Basic Salt Q22. Which of the following is not Alkali metal? Q23. Which of the following is not Alkali metal?



Q6.	directly to the environment?	in r
	c. Respiratory System d. Digestive System	b. c. d.
Q7.	When human blood leaves the capillary bed of the tissue,	Q12- Ca b
	Bicarbonate ions	c
	b. Carbonic Acid	0
	c. Carboxylic Acid	
	d. None of the above	Q13.
Q8.	Innate Behaviour is all except	
	b. Intrinsic	
	c. Heritable	
	d. Stereotypic	Q14.
Q9.	The tendency of individuals to resemble their parents known as	is
	a. Genetics	
	b. DNA	
	. Heredity	Q15.
	d. None of above	
210.	Farly divisions of the	

Q10. Early divisions of the zygote are called

a. Embryonic

b. Cleavages

c. Yolk Sac

d. Chorion

ASP

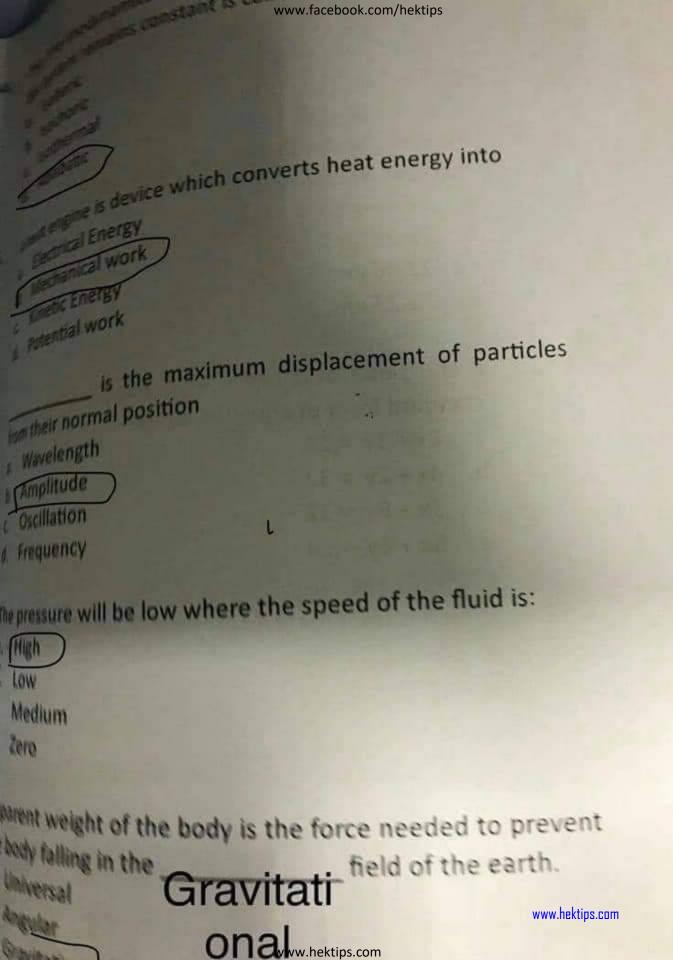
Q16.

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P 0 9

4

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- The force which attracts a body towards the centre Q39.
 - Centripetal Force
 - Gravitational Force
 - d. Acceleration Force
- Terminal velocity is directly proportional to the Q40. of a freely falling sphere.

a. Density

- Pressure b.
- Volume
- d. Mass
- To make the frequency double of a spring oscillation well Q41. 146.
 - a. Reduce the mass to one fourth
 - Quadruple the mass
 - Double the mass
 - Half the mass
- Q42. A wave in which the particles of the medium vibrate alon line parallel to the direction of propagation the wave is
 - Latitude wave
 - Longitudinal wave
 - Sound wave
 - Transverse wave
- Q43. Which of the following properties proves the transvewave nature of light?
 - Refraction
 - Diffraction
 - Polarization
 - Interference

the thermodynam the system remain Sobaric

Bochoric Isothermal Adiabatic

A heat engine is

Electrical En Mechanical Kinetic Ener

Potential W d.

from their nor a. Wavelengt

b. Amplitude

Oscillation

d. Frequenc

The pressure 047.

- a. High
- 6. Low
- c. Medium
- d. Zero

Q48. Apparent w the body fa

- a. Univer
- b. Angula
- c. Gravit
- d. Intern

rstructure
in
igma bonds are
nce of Ni catalyst

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