CBSE Living Science Physics 9

Multiple-Choice Questions

(QUESTION BANK)

CHAPTER 1: MOTION

1. Which is a vector quantity?

	a. Weight	b. Mass	C.	Density	d.	Volume
2.	A shot-put thrown by an at a. rectilinear motion.	chlete is said to be in b . rotatory motion.	c.	curvilinear motion.	d.	oscillatory motion.
3.	A car moving on a straight a. rectilinear motion.	road is said to possess b. rotatory motion.	c.	rotatory motion.	d.	both a and b.
4.	revolution is	circular path of radius r . The state of radius r .	he	displacement of the bod		
	a. 0	b. 2 <i>r</i>	C.	πr	d.	$2\pi r$
5.	_	he action of gravity exhibits	а			
	a. uniform motion.			non-uniform motion.		
	c. zigzag motion.		d.	curvilinear motion.		
6.	The device fitted in an auto	omobile to measure the dista	anc	e travelled by it is		
	a. odometer.	b. speedometer.	c.	hygrometer.	d.	ticker tape timer.
7.	The SI unit of retardation is	5				
	a. $m s^{-1}$	b. m s ⁻²	c.	$m s^2$	d.	m
8.	b. the speed-time graph isc. the speed-time graph is	n is a straight line parallel to s a straight line inclined to ti s a straight line parallel to tin raph is a straight parallel to	me ne	axis.		
9.	For a uniformly retarded m	notion, the velocity–time grap	h i	S		
	a. a curve.		b.	a straight line parallel to) tir	me axis.
	c. a straight line perpendic	cular to time axis.	d.	a straight line inclined to	o ti	me axis.
10.	The distance-time graph of	a body having non-uniform	m	otion is a		
	a. straight line parallel to t	time axis.	b.	straight line perpendicul	ar	to time axis.
	c. curved line.		d.	zigzag line.		
11.	If a body covers equal dista	ances in equal intervals of ti	me	in a particular direction,	the	e body is said to have a
	a. uniform velocity.		b.	non-uniform speed.		
	c. uniform speed.		d.	variable velocity.		

12. When a body travels in a straight line and its velocity changes by equal amounts in equal intervals of time, it is

said to have

26. Which is not the correct equation of motion?

a.
$$s = ut + \frac{1}{2}at^2$$

b.
$$v^2 - u^2 = 2as$$
 c. $v = u - at$ **d.** $v - u = at$

c.
$$v = u - a$$

d.
$$v - u = at$$

- 27. A sprinter is running along the circumference of the sports ground with constant speed. Which of the following is changing?
 - a. Magnitude of acceleration

b. Distance covered

c. Force acting on the sprinter

- d. Direction of motion
- 28. A bus starting from rest moves with uniform acceleration of 0.1 m/s² for 2 minutes. The distance covered by the bus is
 - a. 720 m.
- **b.** 620 m.
- c. 320 m.
- d. 520 m.
- 29. If a bus decreases its speed from 80 km/h to 60km/h, then its retardation is
 - a. 11.1 m s^{-2}
- **b.** 1.11 m s⁻²
- c. -1.11 m s^{-2}
- d. 111 m s⁻²
- 30. A ship is moving at a speed of 56 km/h. One second later it is moving at 58 km/h, then its acceleration is
 - a. 72 km h^{-2}
- **b.** 720 km h⁻²
- c. 7200 km h⁻²
- **d.** 7.2 km h⁻²

CHAPTER 2: FORCE AND LAWS OF MOTION

1.	Choose the wrong statemea. Unit of force is newton.c. Force is always conserve		b. Force changes the shape of a body.d. Force is a vector quantity.						
2.	Balanced forces maya. move	a body. b. accelerate		retard	d. deform				
3.	If a number of forces actin	g on a body change velocity b. unbalanced.		the body. The forces are balanced.	d. inclined.				
4.	External forces are a. always balanced. c. may or may not be balanced.	anced.		never balanced. none of these.					
5.	The inertia of a body is me a. mass. c. density.	easured by its	b. volume.d. force acting on it.						
6.	The inertia of an object ter a. to increase its speed. c. to resist a change in its	•		o. to decrease its speed. I. to decelerate due to friction.					
7.	The inertia of a moving boa. momentum of the object.			speed of the object. shape of the object.					
8.	If the slope of distance-tima. increasing with time. c. remains constant.	e graph increases with time	b. decreasing with time.d. uniform.						
9.	An unbalanced force acting a. change in speed of the c. change in direction of n		b.	an effect of change in shape of the change in state of rest	-				
10.	Inertia is defined by a. Newton's first law. c. Newton's third law.			Newton's second law. none of these.					
11.	When a rubber ball is pres a. unbalanced forces act o c. frictional forces act on t	n the ball.	ds, its shape changes. This is because b. balanced forces act on the ball. d. gravitational forces act on the ball.						
12.	A body whose momentum a. force.	is constant must have const b. velocity.		acceleration.	d. all of these.				
13.	The SI unit of impulse is a. kg ms ⁻¹	b. kg ms ⁻²	c.	N	d. N/s				
14.	If a constant force acts on a . t	a body initially at rest, the c b. t^2		ance moved by the body t^3	in time t is proportional to d. t^4				

15.	The force required to produce a. 1.6 N	uce an acceleration of 2 m/s b. 2.6 N		n a body of mass 0.8 kg 0.16 N		16 N				
16.	The acceleration produced a. size of the body. c. mass of the body.	in a body by a force of give	ven magnitude depends on b. shape of the body. d. none of these.							
17.	The linear momentum of a a. 0.1 kgm/s	body of mass 5 kg moving b. 10 kgms		h a velocity of 2 m/s is 10 m/s	d.	10 kg m/s				
18.	The acceleration produced a. 7.5 m/s	in a body of mass 2 kg, if the b. 7.5 m/s ²		orce applied on it is 15 l 0.75 m/s ²		30 m/s ²				
19.	Action and reaction act on a. different bodies in oppo c. different bodies but in s		b. same body in opposite directions.d. same body in same direction.							
20.	If a boy pushes a wall with a. 10 N towards east.	a force of 10 N towards eab. 10 N towards west.	east, then the force exerted by the wall on the boy is c. 20 N towards west. d. 20 N towards east.							
21.	Newton's third law a. defines the force qualita c. explains the way the for		b. defines the force quantitatively.d. gives the direction of force.							
22.	A force causes an acceleratin a body of mass 5 kg is a. 10 m/s ²	ion of 10 m/s in a body of r b. 1 m/s ²		ss 500 kg. The acceleration of the contraction of t		aused by the same force 100 m/s ²				
23.	The principle of conservation a. cannot be changed. c. can be changed if only		ates that the linear momentum of a systemb. cannot remain constant.d. can be changed only if eternal force acts.							
24.	One newton is equal to a. 10 ⁵ dyne	b. 10 kg ms ⁻²	c.	10 ³ dyne	d.	100 kg m ⁻²				
25.	The velocity of a body of m is	ass 20 kg decreases from 20) m	/s to 5 m/s in a distance	of 1	00 m. Force on the body				
	a. – 27.5 N	b47.5 N	c.	-37.5 N	d.	-67.5 N				
26.	 a. A cricket player lowering his hand while catching a ball b. Walking on a floor c. Rebounding of a rubber ball d. Flight of a jet 									
27.	Which is not the type of inca. Inertia of rest c. inertia of direction	ertia?		Inertia of motion Inertia of force						
28. A person jumping out of a moving bus may fall forward because of										

b. Inertia of motion.

d. none of these.

a. Inertia of rest.

c. inertia of direction.

- 29. Impulse of a force is measured by
 - a. $F \times t$

- b. $\frac{F}{t}$
- c. F + t
- d. *F t*

- **30.** Which is a wrong statement?
 - a. Action and reaction forces occur in pairs only.
 - b. Action and reactions forces are always equal in magnitude.
 - c. Action and reaction forces act on different bodies.
 - d. Action and reaction forces act in the same direction.

CHAPTER 3: GRAVITATION

16. Which is not a vector quantity?

a. mass

b. weight

1.	The value of universal gravia. Newton.	itational constant was first d				Einstein.
2.	The accepted value of G is a. $6.674 \times 10^{-11} \text{ Nm}^2/\text{kg}^2$	b. $5.674 \times 10^{-11} \text{ Nm}^2/\text{kg}^2$	c.	$6.674 \times 10^{-10} \mathrm{Nm^2/kg^2}$	d.	6.674 × 10 ⁻¹¹ Nm ² /kg
3.	The gravitational force of at a. $2.22 \times 10^{20} \text{ N}$	ttraction between the earth b. $2.02 \times 10^{20} \text{ N}$			d.	3.02 × 10 ²⁰ N
4.	When the distance between of the initial value.	n the two objects is reduced	d to	half, the force of gravita	tioı	n becomes
	a. ½	b. thrice	c.	1/4	d.	4 times
5.	When the distance between initial value.	n the two objects is doubled	d, th	ne force of gravitation be	cor	mes of the
	a. 4 times	b. 1/4	c.	double	d.	1/2
6.	Which law is it – "A planet i	revolves around the sun in a		·	d.	Kepler's second law
7.	Value of acceleration due to a. > 0	o gravity at the centre of the		arth is 9.8 m/s ²	d.	0
8.	Acceleration due to gravity a. 1/6th		c			1/5th
9.	Gravitational force is the a. strongest force.	b. weakest force.	c.	short-range force.	d.	non-central force.
10.	When you put an object on	a spring balance, you meas	sure	2		
	a. mass.	b. force.		acceleration.	d.	weight.
11.	Gravitational force is a a. repulsive force.	b. attractive force.	c.	neither a nor b.	d.	both a and b.
12.	The acceleration due to gra a. has the same value ever c. varies with the latitude	rywhere in space.		has the same value ever is greater on the moon.	уw	here on the earth.
13.	The weight of a body of maa. 98 N	ass 10 kg is b. 9.8 N	c.	69 N	d.	39 N
14.	The value of acceleration do a. is the same on equator c. is the least on equator.	0 ,		is the least on poles.	equ	ator.
15.	According to one of the Ke	pler's laws of planetary moti	on			
	a. $r^2 \propto T^3$	b. $r \propto T^2$	c. $r^3 \propto T^2$		d.	$r^3 \propto \frac{1}{T^3}$

d. acceleration

c. force

17. The formation of tides in the sea is due to

a. the gravitational pull of the earth on sea water.

b. gravitational force exerted by the sun on the sea water.c. gravitational force exerted by the moon on sea water.

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CHAPTER 4: FLOATATION

1. Thrust acting perpendicular on the unit surface area is called

	a. pressure.	b. moment of force.	c.	down thrust.	d.	none of these.			
2.	1 k Pa is equal to a. 100 N/m	b. 100 N/m ²	c.	1000 N/m ²	d.	1000 N/m			
3.	Thrust at the base of a cyli	ndrical column of liquid is e	qua	al to					
	a. $\frac{vd}{g}$	b. vdg	c.	$\frac{v}{dg}$	d.	$\frac{vg}{d}$			
4.	If the density of a liquid inca. increase.	creases, the buoyant force v b. remain the same.		decrease.	d.	none of these.			
5.	The device used to measur a. barometer.	e the density of a liquid is o		d hydrometer.	d.	odometer.			
6.	Purity of milk is determined a. hydrometer.	d by using a b. lactometer.	c.	hygrometer.	d.	speedometer.			
7.	The buoyant force due to a a. the volume of the liquid c. acceleration due to grav	ı.	b. the density of the liquid.d. all of these.						
8.	Buoyant force acting on an a. mass of the solid immedia. mass of the liquid display	rsed.	b. weight of the solid immersed.d. weight of the liquid displaced by the object.						
9.	Buoyant force exerted by da. same.	lifferent fluids on a given bob. different.		is zero.	d.	negligible.			
10.	The SI unit of relative dens a. g cm ⁻³	ity is b. kg m ⁻³	c.	g cm ⁻²	d.	none of these			
11.	Pressure at a point inside to a. the depth of the point b. the nature of the liquid. c. the acceleration due to d. the shape of the vessel	pelow the surface of the liques gravity at that point.	-	n					
12.	If a body is compressed to a. becomes half.	half its previous volume, its b. remains the same.		nsity becomes double.	d.	becomes four times.			
13.	An object weighs 25 N in a displaced by the object is	-							
	a. 10 N	b. 40 N	C.	25 N	d.	15 N			
14.	An iceberg floats in sea war a. 10/12th	ter withpart of i b. 11/12th		olume below the water s 9/12th		ace. 1/12th			
15.	The relative density of woo a. it will sink in water. c. it will float in water.	d 0.8 which conveys that		it will half-submerge. it will remain submerge	d ir	n water.			

17.	The apparent weight of wo	od floating on water if it we	igh	s 100 g in air is		
	a. 300 g	b. 200 g	c.	100 g	d.	zero
18.	Which of the following is no	ot matched correctly?				
	a. Force – kg ms ⁻¹	b. Pressure – Nm ⁻²	c.	Buoyant – N	d.	Density – kg m ⁻³
19.	A metal in which even iron a. manganese.	can float is b. sodium.	c.	mercury.	d.	magnesium.
20.	The truck with a heavy load	d will move swiftly if it is fitt	ed	with		
	a. four wheels.	b. six wheels.		eight wheels.	d.	5 wheels.
21.	The density of a solid with	its mass 500 g and 350 cm ³	3 is			
	a. 1.40 g/cm ³	b. 1.42 g/cm ³	c.	142 g/cm	d.	142 g /cm ²
22.	If the density of a solid is 1	.45 g/cm ³ and density of wa	ater	is 1 g/cm³ then the rela	tive	density of the solid is
	a. 1.45 g/cm ³	b. 1.40	c.	1.45	d.	0.145
23.	If the pressure in water pi 30,000 Pa, the height of the	pe at the ground floor of a building would be if $g = 10$				
	a. 5 m	b. 10 m	c.	8 m	d.	2 m
24.	The pressure exerted by 5 r is	m of vertical length of water	col	umn, if g 9.8 m/s ² and de	ensi	ty of water is 1000 kg/m ³
	a. 49000 Pa	b. 4900 Pa	c.	490 Pa	d.	49 Pa
25.	The chances of drowning in	the dead sea are very less	be	cause		
	a. the density of sea water	r is 1.16 g/cm ³	b.	the density of human b	ody	is 1.07 g/cm ³
	c. water of sea offers a gro	eater buoyant force	d.	all of these		
26.	The relationship between b	uoyant force and the tempe	erat	ure of the liquid in which	it it	is immersed is
	a. BF ∝ <i>T</i>			$BF \propto \frac{1}{T}$		
	c. BF $\propto T^{-2}$		d.	$BF \propto \frac{1}{T^{-2}}$		
27.	Archimedes' screw is used i	in				
	a. land irrigation.			water treatment.		
	c. weighing the object.		d.	determining densities of	f liq	uids.
28.	Archimedes' principle is use					
	a. designing ships and sub			determining the relative	de	nsity of a substance.
	c. determining densities of	·	d.	all of these.		
29.	A swim-bladder of a fish he	•		in honothine		
	a. in its floatation in waterc. in finding its food.	•		in breathing. from water.		
	_		u.	nom water.		
30.	Densities of hydrogen and		l-	loss than the density of	a:	
	a. equal to the density of a	all.	IJ.	less than the density of	all	•

c. 2.70

d. 13.60

16. What is the relative density of mercury?

b. 7.80

a. 0.80

c. more than the density of air.

d. none of these.

CBSE LIVING SCIENCE PHYSICS 9

CHAPTER 5: WORK AND ENERGY

1.	The work done on an objecta. displacement.c. angle between force and	·	n the b. force applied. d. initial velocity of the object.						
2.	Water stored in a dam pos	sesses							
	a. kinetic energy.	b. potential energy.							
3.	When the angle between the of work done is	ne direction of force and the	e di	rection of displacement is	s ar	n acute angle, the nature			
	a. positive.c. either positive or negation	ve.		negative. zero.					
4.	When the angle between t work done is	he direction of force and th	ne c	lirection of displacement	is !	90°, then the amount of			
	a. negative.	b. positive.	c.	zero.	d.	cannot be determined.			
5.	A man carries a suitcase in	his hand and climbs up the	e sta	airs. The work done by th	ne r	nan is			
	a. negative.	b. positive.	c.	zero.	d.	none of these.			
6.	If force and displacement in	n the direction of force are o	dou	bled, then the work done	e w	ould be			
	a. doubled.	b. halved.	c.	4 times.	d.	¼ times.			
7.	In case of negative work, th	ne angle between the force a	and	displacement is					
	a. 0°	b. 45°	c.	90°	d.	180°			
8.	When a force of 1 newton is	moves a body through a dis	stan	ce of 1metre in the direc	tion	of force, the work done			
	a. 1 joule.	b. 1 Nm.	c.	1 Nm ² .	d.	both a and b.			
9.	If the velocity of a moving	body is doubled, its kinetic e	ene	rgy becomes					
	a. one-fourth.	b. four times.	c.	halved.	d.	zero.			
10.	When an object falls freely	towards the earth, then its	tota	al energy					
	a. increases.		b.	decreases.					
	c. remains constant.		d.	first increases then decr	eas	es.			
11.	The commercial unit of ene	ergy is							
	a. watt.	b. watt-hour.	c.	kilowatt.	d.	kilowatt-hour.			
12.	A stretched spring possesse	es							
	a. kinetic energy.	b. potential energy.	c.	electrical energy.	d.	magnetic energy.			
13.	An electric cell is a source	of							
	a. heat energy.	b. light energy.	c.	electrical energy.	d.	sound energy.			
14.	The work done by a weight	t of 1 kg mass when it move	es u	ıp through 1 m is					
	a. 10 J	b10 J	c.	0.1 J	d.	-0.1 J			
15.	Amount of work done in co	ompressing or stretching the	e sp	ring against its elasticity	is				
	a. kinetic energy.	b. potential energy.	c.	elastic potential energy.	d.	heat energy.			
16.	An electric motor converts	electrical into							
	a. chemical energy.	b. heat energy.	c.	mechanical energy.	d.	light energy.			

17.	On reaching the extreme partial energy.	ositions the bob of a pendu b. kinetic energy.		n possesses only chemical energy.	d.	heat energy.
18.	Which is a vector quantity?	b. Energy	c.	Power	d.	Force
19.	1 kWh is equivalent to a. 3.67 x 10 ⁷ J	b. 3.6 x 10 ⁶ J	c.	3.69 x 10 ⁹ J	d.	6.67 x 10 ⁷ J
20.	How much energy does a 1 a. 100 J	00 W electric bulb transfer b. 600 J		minute? 3600 J	d.	6000 J
21.	A body rolls down on an in a. potential energy. c. kinetic and potential energy.	·		kinetic energy. neither kinetic energy n	or p	potential energy.
22.	When the momentum of a a. 50 $\%$	body is increased by 100 %, b. 100 %		kinetic energy increases 200 %	-	300 %
23.	The potential energy of a b a. 25 J	ody of mass 1 kg kept at a b. 30 J		ght of 5 m, if acceleration 50 J		ue to gravity is 10 m/s². 100 J
24.	The kinetic energy of a bod a. 0.1 J	ly of mass 2 kg moving with b. 0.01 J		velocity of 0.1 m/s is 0.001 J	d.	0.02 J
25.	One horse power is equival	lent to b. 734 W	c.	746 W	d.	745 W
26.	An electric bulb rated 100 \ a. 1 kWh.	W is said to consume energy b. 10 kWh.		10 hours is 100 Wh.	d.	0.01 kWh.
27.	The flowing water has kined a. heat energy	tic energy which can be used b. hydraulic energy		turn blades in dams to electrical energy	_	nerate mechanical energy
28.	A man has four options to a. Push over an inclined pl c. Push over smooth roller		b.	In which case is maximulative Lift vertically upwards Push on a plane horizon		
29.	A boy weighing 200 N climb 2 m height will be a. 200 J.	s a vertical ladder. If the value. b. 20 J.		of g be 10 m s ⁻² , the work 100 J.		ne by the boy in climbing 400 J.
30.	-	of mass 20 g fired from a gu		-		-

a. 1.5

b. 2

c. 2.5

d. 3

CHAPTER 6: SOUND

1.	The speed of sound wave i a. 330 m/s	n air is b. 332 m/s	c.	340 m/s	d.	350 m/s
2.	The sound waves travel fas a. solids.	test in b. liquids.	c.	gases.	d.	vacuum.
3.	A slinky can produce in lab a. transverse waves only.	oratory b. longitudinal waves only.	c.	both a and b.	d.	none of these
4.	Which wave cannot be pola a. longitudinal waves.	arised? b. transverse waves.	c.	both a and b.	d.	none of these.
5.	The distance between a crea. the wavelength. c. one-fourth the wavelength.	est and an adjacent trough is gth.	b.	qual to half the wavelength. twice the wavelength.		
6.	The voice of children and wa. children and women had c. they produce a high-pito	ve short vocal cords.		vocal cords vibrate with all of these.	hig	gh frequency.
7.	A constant hearing of noise a. 100–110 dB	e in the range of b. 110–120 dB		may result in the loss of 130–140 dB		aring or deafness. 90–110 dB
8.	The loudness of a whisper a. 10 dB	is b. 20 dB	c.	30 dB	d.	40 dB
9.	The speed of sound at 25 ° a. 331 m/s	C is b. 344 m/s	c.	346 m/s	d.	350 m/s
10.	to treatment is called	to detect and study sounds p				
11.		b. ultrasound.n a sound-reflecting surfaceb. 17.4 m	to	sound boards. hear an echo is 17.2 m		megaphone.
12.	a. 17.5 mWhich is called a whisperinga. Taj Mahal	g gallery in India?		Swarna Mandir		17 m Ajanta Caves
13.	Which does not move with a. Bullet fired from a gun	a supersonic sound?		Rocket		Helicopter
14.	_	of our family members with				·
	a. pitch.	b. loudness.	c.	quality.	d.	frequency.
15.	The loudness of a sound is a. hertz.	measured in b. meter.	c.	second.	d.	decibel.
16.	Which one is not a fundam a. Pitch	ental characteristic of a soul b. Frequency		Loudness	d.	Quality
17.		the strings of a guitar are to b. loudness	igh		unc	•

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18. A wave source produces 20 crests and 20 troughs in 0.2 second. The frequency of the wave is

ANSWERS

•••••						CHAPTER 1	: N	NOTION	•••••				
1.	a.	2.	c.	3.	d.	4.	b.	5.	b.	6.	a.	7.	b.
8.	c.	9.	d.	10.	c.	11.	a.	12.	c.	13.	d.	14.	b.
15.	b.	16.	c.	17.	a.	18.	d.	19.	b.	20.	c.	21.	d.
22.	c.	23.	d.	24.	a.	25.	a.	26.	c.	27.	d.	28.	a.
29.	b.	30.	c.										

<i></i>				CHAPTE	R 2	FORCE A	ND	LAWS OF	M	OTION				
1.	c.	2.	d.	3.	b.	4.	c.	5	i. i	a.	6.	c.	7.	C.
8.	a.	9.	b.	10.	a.	11.	b.	12	. 1	b.	13.	a.	14.	b.
15.	a.	16.	c.	17.	d.	18.	b.	19). a	a.	20.	b.	21.	c.
22.	b.	23.	d.	24.	a.	25.	c.	26	i. i	a.	27.	d.	28.	b.
29.	a.	30.	d.											

1	•					СН	APTER 3: G	iRA	VITATION						
	1.	c.	2.	a.	3.	b.	4.	d.	5.	b.	6.	c.	7.	d.	
	8.	a.	9.	b.	10.	d.	11.	b.	12.	c.	13.	a.	14.	c.	
	15.	c.	16.	a.	17.	d.	18.	c.	19.	b.	20.	b.	21.	c.	
	22.	d.	23.	a.	24.	c.	25.	d.	26.	b.	27.	a.	28.	b.	
	29.	d.	30.	C.											J

1						СН	IAPTER 4:	FLC	DATATION					
	1.	a.	2.	c.	3.	b.	4.	a.	5.	c.	6.	b.	7.	d.
	8.	d.	9.	b.	10.	d.	11.	d.	12.	c.	13.	a.	14.	b.
	15.	c.	16.	d.	17.	d.	18.	a.	19.	c.	20.	c.	21.	b.
	22.	c.	23.	d.	24.	a.	25.	d.	26.	b.	27.	a.	28.	d.
	29.	a.	30.	b.										J

<u> </u>						APTEI	R 5: WO	RK	AND							
1.	d.	2.	b.	3	3.	a.	4.	c.		5.	b.	6.	c.	7.	d.	
8.	d.	9.	b.	10	0.	C.	11.	d.		12.	b.	13.	c.	14.	b.	
15.	C.	16.	c.	17	7.	a.	18.	d.		19.	b.	20.	c.	21.	C.	
22.	d.	23.	c.	24	4.	b.	25.	c.		26.	a.	27.	c.	28.	b.	
29.	d.	30.	c.													J

/							CHAPTER									
	1.	b.	2.	a.	3.	c.	4.	a.		5.	b.	6.	d.	7.	с.	
	8.	b.	9.	c.	10.	a.	11.	c.		12.	b.	13.	d.	14.	C.	
	15.	d.	16.	b.	17.	c.	18.	d.		19.	a.	20.	a.	21.	d.	
	22.	b.	23.	d.	24.	c.	25.	b.	:	26.	a.	27.	d.	28.	С.	
\	29.	b.	30.	a.												/

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