BALABHADRA SKILL DEVELOPMENT ACADEMY SCIENCE QUESTION BANK - 9

Time:	1 Hour	Full mark	s: 43				Pass m	narks: 3	13
1.	Credit for the direspectively.	iscovery of	electron	and	proton	goes	to	_ and_	
2.	JJ Thomson propo	sed that ele	ctrons are	emb	edded ir	n a			
3.	Rutherford's	_ scattering	experime	ent le	d to the	disco	very of	the ato	mic
4.	Rutherford's mode inside the a						nucleus	is pres	ent
5. 6.	The stability of the model of t	e could	not be exp	olaine	d by Ru		d's Mod	el.	
7.	Neils Bohr propose	ed that elect	rons are o	distrib	uted in	¥3.5	•		
8.	If the atomic she	lls are com	plete, the	n the	atom v	vill be	\$ 	and	
_	reactive.								
9.	Catholic rays are _	10/16/00							
10.	Anode rays are							×	
11.	A is a neutra	,		***	.		38.		
12.	of an atom	P0000000	700000		.XX	9	**		
13.	is the comb		100000			_			
14.	The of an el of its atom.	ement is the	e same as	the i	number	of pro	tons in t	he nucl	leus
15.	The of an at	om is equal	to the nur	mber	of nucle	ons in	its nucle	eus.	
16.	are atoms of the same element, which have different mass numbers.								
17.	are atoms ha	aving the sa	me mass	numb	er but d	ifferen	t atomic	numbe	ers.
18.	Elements are defir	ned by the r	umber of		_ they p	ossess	S.		
19.	The outermost orb	oit cannot h	ave more	than _	ele	ctrons			
20.	According to different orbits or			numb	per of el	ectron	s accom	modate	d in
21.	The fundamental	organisation	al unit of	life is	•				
22.	Cells are enclosed	MODELECT LANGE CONTROL OF THE PROPERTY OF THE				osed o	f a	nd	
23.	The is an a	NODUCIDUM.			•				
24.	Cell membrane recell and	gulates the i	movement	of m	aterials	betwee	en the _	of	the
25.	In Plant, a cell wa	II is compos	ed mainly	of	and i	s locat	ted outsi	de	
26.	The presence of t exist in hypotonic	the cell wall	enables t	he ce					
27.	The nucleus in e			_	m the		by dou	ble-lave	ered
	membrane and it						,	, -	
28.	RNA stands for		-						
29.	The Golgi appara	tus consists	of stacks	of _	th		ction in	the	,
30.	Most plant cells ha						, w	hich ar	e of

31.	Plastids are and						
32.	Chloroplasts contain and they perform						
33.	In Plant Cells, the primary function of is storage.						
34.	cells have no membrane-bound organelles.						
35.	In Prokaryotic cells, chromosomes are composed of only, and they have						
	only very small ribosomes as organelles.						
35(a)	Prokaryotic cells, have as organelles.						
36.	in organisms divide for growth of body, for replacing dead cells, and for						
	forming gametes for reproduction.						
37.	RNA is found in the						
38.	A gene is the segment of						
39.	discovered the presence of neutrons in the of an atom.						
40.	Three sub-atomic particles of an atom are, and						
41.	and are called nucleon.						
42.	Out of sub-atomic particles are negatively charged, are positively						
	charged and are neutral.						
43.	The mass of and are taken as one unit each.						

BALABHADRA SKILL DEVELOPMENT ACADEMY SCIENCE QUESTION BANK – 9 (ANSWER)

- 1. J.J. Thomson, E. Goldstein
- 2. positive sphere
- alpha-particle
- 4. atom, electrons
- 5. atom
- 6. Neils Bohr
- 7. different shells with discrete energy around the nucleus
- 8. stable, less
- 9. moving charged particles
- 10. positively charged particles
- 11. Neutron
- 12. Energy Shells
- 13. Valency
- 14. atomic number
- 15. mass number
- 16. Isotopes
- 17. Isobars
- 18. Protons
- 19. 8
- 20. Bohr, Bury
- 21. cell
- 22. Plasma, lipids, proteins
- 23. cell membrane
- 24. interior, outer environment
- 25. cellulose, cell membrane
- 26. plants, fungi, bacteria
- 27. cytoplasm
- 28. Ribonucleic Acid, Deoxyribonucleic Acid
- 29. membrane-bound vesicles, storage, modification, packaging
- 30. Plastids, two
- 31. chromoplasts, leucoplasts
- 32. Chlorophyll, photosynthesis
- 33. leucoplasts
- 34. Prokaryotic
- 35. nucleic acid
- 35(a)-Ribosomes
- 36. Cells
- 37. Nucleus of Cell
- 38. DNA
- 39. J Chadwick, nucleus
- 40. Electron, Proton, Neutron

- 41. Protons, Neutrons
- 42. Electrons, Protons, Neutrons Proton, Neutron
- 43.

