Book For Central Reserve Police Force



CRPF SI Chemistry Sample Paper



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(1) The number of moles of s	olute present in 1 kg of a solvent is called its
[A] molality	
[B] molarity	
[C] normality	
[D] formality	
Answer: [A]	
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(2) The molecules of which ga	as have highest speed?
[A] H ₂ at -73°C	
[B] CH ₄ at 300 K	
[C] N ₂ at 1,027°C	
[D] O ₂ at 0°C	
Answer : [A]	
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(3) The metal that is used as	a catalyst in the hydrogenation of oils is
[A] Ni	
[B] Pb	
[C] Cu	
[D] Pt	
Answer: [A]	
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(4) The ore which is found in	abundance in India is
[A] monazite	
[B] fluorspar	
[C] bauxite	
[D] magnetite	
Answer : [A]	
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(5) The inherited traits of an organism are controlled by

[A] RNA molecules

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Answer : [D]	
[D] genuine coins from cou	nterfeit coins
[C] narcotics	
[B] lead in bullets	
[A] contrabands	
(9) The items amenable to	detection by soft x-rays are
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Answer : [B]	
[D] a fraction	
[C] always more than the at	omic weight
	of protons and neutrons present in the nucleus
[A] always less than its ator	
(8) The mass number of a	nucleus is
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Answer : [D]	
[D] gold	
[C] iron	
[B] silver	
[A] platinum	
(7) The most malleable me	etal is
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Answer : [B]	
[D] 6.023 x 10 ²³	
[C] 4.84 x 10 ¹⁷	
[B] 6.023 x 10 ¹⁹	
[A] 1.568×10^3	
(6) The number of water r	nolecules present in a drop of water (volume 0.0018 ml) at room temperature is
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Answer : [C]	
[D] enzymes	
[C] DNA molecules	
[B] nucleotides	

A] iron B] copper C] gold D] formes Answer : [B]	(10) The first metal used by man was
C gold	[A] iron
ID heaves B	[B] copper
Answer: [B] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com (II) The graphite rods in the auclear reactor [A] react with U to release energy [B] produce neutrons [C] undenge combustion which triggers the nuclear fission (D) enover fast moving neutrons into thermal neutrons Auswer: [D] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com (I2) The molecule which has the highest percentage of ionic character among the following is [A] HI [B] IIF [C] HCI [D] HBP Answer: [B] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com (I3) The main chemical constituent of the oil of cardamom which is responsible for flavour of this oil is [A] cincole [B] cogenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com (I4) The mineral constituent of the oil of www.couponlal.com www.examlal.com www.examyou.com (I4) The mineral containing both magnesium and calcium is [A] magnesite [D] calciue [C] carnallite [D] dolomite	[C] gold
www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (II) The graphite rods in the nuclear reactor [A] react with U to release energy [B] produce neutrons [C] undergo combustion which triggers the nuclear fission [O] convert fist moving neutrons into thermal neutrons Answer: [D] www.myexamportal.com www.couponlal.com www.examlal.com www.couponlal.com www.examyou.com (I2) The molecule which has the highest percentage of ionic character among the following is [A] HI [B] HF [C] LICT [D] HBF Answer: [B] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com (I3) The main chemical constituent of the oil of cardamom which is responsible for flavour of this oil is [A] cincole [B] ongenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com (I4) The mineral containing both magnesium and calcium is [A] ongenoit [B] calcine [C] camalilie [D] dolomite	[D] bronze
(I1) The graphite rods in the nuclear reactor [A] react with U to release energy [B] produce neutrons [C] undergo combustion which triggers the nuclear fission [D] convert fist moving neutrons into thermal neutrons Answer: [D] www.myexamportal.com www.couponlal.com www.examtal.com www.examyou.com	Answer: [B]
[A] react with U to release energy [B] produce neutrons [C] undergo combustion which triggers the nuclear fission [D] convert fast moving neutrons into thermal neutrons Answer: [D] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com	www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com
B produce neutrons C undergo combustion which triggers the nuclear fission D convert fast moving neutrons into thermal neutrons Answer: D	(11) The graphite rods in the nuclear reactor
[C] undergo combustion which triggers the nuclear fission [D] convert fast moving neutrons into thermal neutrons Answer: [D] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com www.examyou.com	[A] react with U to release energy
[D] convert fast moving neutrons into thermal neutrons Answer: [D] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com	[B] produce neutrons
Answer: D www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com	[C] undergo combustion which triggers the nuclear fission
www.myexamportal.com www.coupontal.com www.examlal.com www.examyou.com (12) The molecule which has the highest percentage of ionic character among the following is [A] HI [B] HF [C] HCI [D] HBF Answer: [B] www.myexamportal.com www.coupontal.com www.examlal.com www.examyou.com (13) The main chemical constituent of the oil of cardamom which is responsible for flavour of this oil is [A] cincole [B] engenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.coupontal.com www.examlal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	[D] convert fast moving neutrons into thermal neutrons
(12) The molecule which has the highest percentage of ionic character among the following is [A] HI [B] HF [C] HCI [D] HBr Answer: [B] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (13) The main chemical constituent of the oil of cardamom which is responsible for flavour of this oil is [A] cincole [B] engenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] camallite [D] dolomite	Answer: [D]
[A] HI [B] HF [C] HCI [D] HBr Answer: [B] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com www.examyou.com	www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com
[B] HF [C] HCI [D] HBr Answer: [B] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (13) The main chemical constituent of the oil of cardamom which is responsible for flavour of this oil is [A] cincole [B] engenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	(12) The molecule which has the highest percentage of ionic character among the following is
[C] HCI [D] HBr Answer: [B] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (13) The main chemical constituent of the oil of cardamom which is responsible for flavour of this oil is [A] cincole [B] engenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	[A] HI
[D] HBr Answer: [B] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com www.examyou.com (13) The main chemical constituent of the oil of cardamom which is responsible for flavour of this oil is [A] cincole [B] engenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	[B] HF
Answer: [B] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (13) The main chemical constituent of the oil of cardamom which is responsible for flavour of this oil is [A] cincole [B] engenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	[C] HCI
www.myexamportal.com www.couponlal.com www.joblal.com www.examyou.com (13) The main chemical constituent of the oil of cardamom which is responsible for flavour of this oil is [A] cincole [B] engenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	[D] HBr
(13) The main chemical constituent of the oil of cardamom which is responsible for flavour of this oil is [A] cincole [B] engenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	Answer: [B]
[A] cineole [B] engenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com
[B] engenol [C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	(13) The main chemical constituent of the oil of cardamom which is responsible for flavour of this oil is
[C] geraniol [D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	[A] cineole
[D] limonene Answer: [A] www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	[B] engenol
Answer: [A] www.myexamportal.com www.couponlal.com www.joblal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	[C] geraniol
www.myexamportal.com www.couponlal.com www.joblal.com www.examyou.com (14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	[D] limonene
(14) The mineral containing both magnesium and calcium is [A] magnesite [B] calcite [C] carnallite [D] dolomite	Answer: [A]
[A] magnesite [B] calcite [C] carnallite [D] dolomite	www.myexamportal.com www.couponlal.com www.examlal.com www.joblal.com www.examyou.com
[B] calcite [C] carnallite [D] dolomite	(14) The mineral containing both magnesium and calcium is
[C] carnallite [D] dolomite	[A] magnesite
[D] dolomite	[B] calcite
	[C] carnallite
Answer: [D]	[D] dolomite
	Answer: [D]

(15) The hardest form of carbon is
[A] coke
[B] graphite
[C] diamond
[D] charcoal
Answer: [C]
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(16) The number of electrons presents in H ⁺ is
[A] zero
[B] one
[C] two
[D] three
Answer: [A]
Explanation: H+ is a hydrogen ion, and it is an ion because it LOST an electron. Electrons are negatively charged. When an atom gains electrons it will have NEGATIVE charges. So it has zero electron.
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(17) The number of waves made by an electron moving in an orbit having maximum magnetic quantum number is +3
[A] 4
[B] 5
[C] 2
[D] zero
Answer: [A]
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(18) The number of atoms present in 21.6 gram of silver (atomic weight = 108) are same as the molecules in
[A] 1.8 gram of H ₂ O
[B] 12 moles of $KMnO_4$
[C] $0.6N H_2SO_4$
[D] 4.6 gram of C_2H_5OH
Answer: [B]
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(10) The melecular formula of phosphorous is

 $[A] P_1$

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nitrogen is