

Questions with Answer Keys

MathonGo

Q1: 24 Feb (Shift 1) - Numerical

Number of amphoteric compounds among the following is

(A) BeO (B) BaO (C) $Be(OH)_2$ (D) $Sr(OH)_2$

Q2: 24 Feb (Shift 2) - Single Correct

Match List-I with List-II

List- I

List-II

(Salt)

(Flame colour wavelength)

(a) $LiCl$

(i) 455.5 nm

(b) $NaCl$

(ii) 970.8 nm

(c) $RbCl$

(iii) 780.0 nm

(d) $CsCl$

(iv) 589.2 nm

Choose the correct answer from the options given below :

(1) (a) – (ii), (b) – (i), (c) – (iv), (d) – (iii)

(2) (a) – (ii), (b) – (iv), (c) – (iii), (d) – (i)

(3) (a) – (iv), (b) – (ii), (c) – (iii), (d) – (i)

(4) (a) – (i), (b) – (iv), (c) – (ii), (d) – (iii)

Q3: 24 Feb (Shift 2) - Single Correct

The Correct set from the following in which both pairs are in correct order of melting point is

(1) $LiF > LiCl$; $NaCl > MgO$ (2) $LiF > LiCl$; $MgO > NaCl$ (3) $LiCl > LiF$; $NaCl > MgO$ (4) $LiCl > LiF$; $MgO > NaCl$

Q4: 25 Feb (Shift 2) - Numerical

Questions with Answer Keys

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Among the following, number of metal/s which can be used as electrodes in the photoelectric cell is _____

(Integer answer).

(A) Li

(B) Na

(C) Rb

(D) Cs

