

MIT-WPU CET Life Sciences UG

Sample Questions

Logical Reasoning	Marks
1. If 'I am young' is written as '2 4 7' and 'Sheetal is young' as '6 1 4' and 'I like Sheetal' as '5 7 6', then 'I' is written as: (A) 4 (C) 5	1 (B) 2 (D) 7
2. If 'him her them' is written as 'de ne ke' and 'do him why' as 'ne lk ir' and 'are they do' as 'sh fu lk', then 'do' is written as: (A) ne (C) lk	1 (B) ir (D) fu
3. If 'may august march' is written as 'hig lwm cao' and 'december july march' as 'sow lwm skz' and 'may april december' as 'kqx hig sow', then 'april' is written as: (A) hig (C) kqx	1 (B) skz (D) sow

Basic English	Marks
4. ----- he wouldn't wait at the door for ages, I put the key under the mat for my new flatmate, who had left home in a hurry, yesterday. (A) Hence (C) In order that	1 (B) But (D) On grounds of
5. There are 20 species of wild roses in North America, ----- have prickly stems, pinnate leaves, and large flowers that usually smell sweetly. (A) both of which (C) some of whom	1 (B) none of its (D) all of which
6. Julius Caesar ----- a great historian if the making of history ----- him the time and the inclination to write it. (A) could be / had allowed (C) would be / had allowed	1 (B) could have been / had allowed (D) could have been / allowed

Chemistry	Marks
7. Sucrose molecule consists of which of the molecules? (A) A glucofuranose and a fructofuranose. (C) A glucopyranose and a fructopyranose.	1 (B) A glucofuranose and a fructopyranose. (D) A glucopyranose and a fructofuranose.
8. The optically inactive amino acid is (A) alanine. (C) glycine.	1 (B) arginine. (D) lysine
9. To 50ml of a HCl solution, 25ml of 0.5 N Na ₂ CO ₃ solution is added. The remaining acid required 20 cc of 0.5 N NaOH solution for complete neutralization. The normality of the acid solution is (A) 0.9 N (C) 0.225 N	1 (B) 0.45 N (D) 1.45 N

Biology	Marks
10. The L Ring in a Gram-Negative bacterium flagella is associated with _____ (A) Peptidoglycan (C) Cytoplasmic Membrane	1 (B) Outer Membrane (D) Cell Membrane

11. When a bacteria swim towards a chemical, it is termed as _____ 1
(A) positive chemotaxis (B) phototaxis
(C) negative chemotaxis (D) magnetotaxis
12. Which is not a Cell Cycle Stage? 1
(A) G0 (B) G1
(C) G2 (D) None

Important Note: These are sample question(s) and not representing actual questions of examinations. Also number of questions in entrance examination would be as per exam pattern