

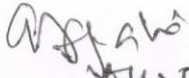
Syllabus of written test for recruiting the post of Rs-II

A. **Subjects:**

- (a) Molecules & their interactions relevant to Biology
- (b) Cellular organizations
- (c) Fundamentals of DNA, RNA, Protein synthesis & processing in cells, Gene expression control at transcription & translation level.
- (d) Cell signaling & communication.
- (e) Inheritance Biology.
- (f) Molecular methods in Biology.
- (g) Applied science in Biotechnology.
- (h) Immunological techniques (ELISA, Western blot, flow cytometry).
- (i) Autoimmunity and immunodeficiency.
- (j) Microbial cell structure and function, Microbial growth and nutrition, Microbial genetics and genetic regulation.
- (k) Hematology.
- (l) Applied & Basic statistics.

B. **General knowledge:**

Current affairs, History, Geography, Politics, Foreign affairs, Health without boundaries, Tripura GK, discoveries, health awareness and any related issues.


04.07.24
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