

**HIGH COURT OF JAMMU & KASHMIR AND LADAKH  
(Office of the Registrar General at Jammu)**

\*\*\*\*\*

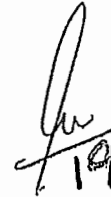
**ORDER**

**No. 350 of 2024/RG/RR/RC**

**Dated: 19-03-2024**

Consequent upon the recommendations of Hon'ble Committee for Appointment and Promotion of Officials/Officers of the High Court Staff, Hon'ble the Chief Justice has been pleased to approve the syllabus and test structure for conduct of written examination for filling up of the post of Developer, Level-4 (25500-81100), as indicated in **Annexure-"A"** to this order. The same shall be made a part of High Court Order **No.579 dated 24.10.2008**.

**By Order.**

  
19.03.24


**(Shahzad Azeem)  
Registrar General**

**No.: 10807-23/RG/RR/RC**

**Dated: 19.03.2024**

**Copy to:-**

1. Principal Secretary to Hon'ble the Chief Justice, High Court of J&K and Ladakh, Jammu;
2. Additional Registrar/Joint Registrar to Hon'ble Mr. Justice \_\_\_\_\_  
\_\_\_\_\_ for information of their Lordships.
3. Registrar Judicial, High Court Wing, Jammu/Srinagar.
4. Registrar Rules, High Court of J&K and Ladakh, Jammu.
5. Registrar Computers (I.T), High Court of J&K and Ladakh, Jammu.
6. Registrar Recruitment, High Court of J&K and Ladakh, Jammu..
7. Director Finance, High Court Main Wing, Jammu.  
\_\_\_\_\_for information
8. Central Project Coordinator, e-Court, High Court of J&K and Ladakh, Jammu, with the request to get the same uploaded on the official website of the High Court.
9. In-charge Library, High Court Wing, Jammu/Srinagar for keeping the record of the same.
10. Order file.

  
19.03.24  
**Registrar General**

**Annexure-A: Syllabus and Test Structure for the Post of Developer, Level-4 (25500-81100).**

**PART-A**

i. General English

**Marks: 10 marks**

**(10 questions of 01 mark each with no negative marking)**

**PART -B**

- (i) General Knowledge
- (ii) Numerical and mental ability
- (iii) Analytical and Reasoning Skills
- (iv) General Intelligence etc.

**Marks: 10 marks.**

**(10 questions of 01 mark each with no negative marking)**

**PART-C**

- I. Basics of Computer Networks and Operating Systems
- II. Application Development
- III. Internet & Web Technologies; and
- IV. Software Tools and Techniques

**Marks: 60**

**(60 questions of 01 mark each with no negative marking)**

**Part-C will further comprise of:**

**(i)**

**Basics of Computer Networks and Operating System:**

LAN, WAN, Wireless Networks, WLAN, Wi-Fi, LAN Testing, LAN Proxy Server, OSI Layers, Network Protection and Security, Basic Working Knowledge of Windows / Linux Operating Systems including Open source Operating Systems.

**(ii)**

**Application Development:**

Requirement Analysis & Engineering, Software analysis & Design, Flow Charts, DFD, Concepts of OOPs, Software Change Management, Deployment of web based applications, IDE Tools, Reporting Tools, Documentation and User manuals, Unit and Integrated Testing.

**(iii)**

**Internet & Web Technologies:**

HTML5, CSS3, Java Script, JSON, AJAX, XML, Web Servers, Server Programming Language – Java, PHP, Python, Web Design Tools, Mail Clients, DNS and Web Hosting, Static and Dynamic Web Development, Responsive Web Design, API/Web Services, W3C Standards.

**(iv)**

**Software Tools and Techniques:**

Office tools, working knowledge of Learning Management System (LMS)/Content Management System (CMS), Document Management System (DMS). Database Management System overview – Database design, Data Analysis, ER Diagrams, Database Server – Industry Standard DBMS including postgresql, Overview of SQL Statements, Programming

Concepts and Snippets, Testing Tools and Performance Monitoring tools, Artificial Intelligence and Machine Learning, API Design, Block Chain Technology, Cloud and Infrastructure, Cyber and App Security, Data Analytics and Data Science, Micro Services, E-Sign or Digital Signature, Deep Learning, OWASP, Virtual Reality, Non-relational Databases/NO SQL, MONGO DB, Couch base and Elastic Search etc., UI/UX and Internet of Things.

<b><u>Practical Test:</u></b>	<b><u>Personality/Interview:</u></b>
<b><i>Practical test of Computer Programming.</i></b>	<b><i>Viva-Voce.</i></b>
<b><i>20 Marks.</i></b>	<b><i>20 Marks.</i></b>

