

**“Haryana School Shiksha Pariyojna Parishad, Haryana
Shiksha Sadan, Sector 5, Panchkula – 134105**

Advt. No. 1/2019

Date of Publication: 25.02.2019

Opening date for submission of online application: 27.02.2019 at 10.00 AM

Closing date for submission of online application: 20.03.2019 till 5.00 PM

Closing date for deposit of fee: 22.03.2019 till 4.00 PM

Online applications are invited for filling up of 575 posts of Assistant Managers (MIS) purely on contractual basis initially for a period of one year and extendable on yearly basis on performance basis in Haryana School Shiksha Pariyojna Parishad, Haryana for direct recruitment through the website www.recruitment-portal.in. The online application can be filled up from 27.02.2019 at 10.00 AM up to 20.03.2019 till 5.00 PM, thereafter, website link will be disabled. The candidates are strongly advised to apply online well in time without waiting for last date of submission of online application. The candidates are required to bring the printed copies of the online form with necessary certificates at the time of verification of documents. The details of the posts are as under:-

| Sr. No. | Name of Post | Number of Posts |
|---------|-------------------------|---|
| 1 | Assistant Manager (MIS) | Total -575 Gen-52, Gen.(ESM)-23, GEN(ESP)-3, BCA-136, BCA(ESM)-03, BCA(ESP)-02, BCB-114, BCB(ESM)-02, BCB(ESP)-01, SC-245, SC(ESM)-05, SC(ESP)-02, PH-28 |

Essential qualification (EQ) for the post of Assistant Manager (MIS):-

M.Sc. (Computer Science/IT) (with atleast 50% Marks)

Or

Master in Computer Application (with at least 50% Marks)

Or

BE/B.Tech. in Computer Science/Information Technology (with at least 50% Marks)

Or

BE/B.Tech. in any stream with Post Graduate Diploma in Computer Application (with at least 50% marks in both)

Or

MBA and Post Graduate Diploma in Computer Application (with at least 50% marks in both) from recognized university.

Age: The age limit for the above post of Assistant Manager (MIS) is between 18-42 years as on the closing date of application.

Under

Relaxation in Age:

In the case of candidates belonging to the Schedule Caste, Schedule Tribes and Backward Classes, Ex-Servicemen, Physically Challenged and Widow/Divorcee etc. the upper age limit shall be such as may be fixed by the Govt. of Haryana from time to time.

Pay Scale: The incumbents will be appointed on a consolidated remuneration of Rs. 20,000/-per month with annual increase @ 5% on year to year basis.

Application Fee: Application fees (non-refundable) amounting to Rs. 500/- for General Category candidates and Rs. 250/- for Female/SC/BC/ESM/PHC candidates of Haryana State will be pay online after filling of application. Candidates belonging to reserved categories (SC/BC/ESM/PHC candidates of Haryana State) must ensure that they have valid certificate issued by the competent authority. In case, at the time of verification of documents, it is found that certificates are not valid, their candidature will be rejected and fees of such candidate will be forfeited.

Special Instructions:

1. The final selection shall be made on the basis of selection criteria given below:

Selection Criteria:

| Component (1) | Max. Weightages (2) | Marks Calculation of Score (3) |
|---|------------------------------------|--|
| 10+2 | 10 | 0.1 of percentage of marks obtained |
| M.Sc. in CS/IT OR Masters in Computer Application OR B.Tech./BE in CS/IT OR B.Tech./BE in any stream with PGDCA OR MBA with PGDCA | 30 | 0.3 of percentage of marks obtained |
| Total (Based on academic Score) | 40 | |
| Written Test | 60 | $\frac{\text{Marks obtained} \times 60}{\text{Total Marks}}$ |
| Weightage for Total Marks | 100 | |

Note: - Written test of objective type will be conducted.

- i) The objective type will be of 100 marks, as per syllabus mentioned at **(Annexure-I)** and duration of the paper will be 2 hours.
- ii) Minimum score of 45 for reserved category and 50 marks for General in aggregate out of 100 is required for selection.
2. Professional Training Diploma or Certificate awarded by any State, Board or University other than Haryana Education Department must be recognized by the Haryana Government. The candidate is required to submit the recognition Certificate at the time of verification of documents.
3. These posts are purely temporary posts created under a temporary state scheme, and may be abolished if the scheme is discontinued.
4. Candidates applying for the post must ensure that they fulfill all eligibility conditions on the date of advertisement. If, on verification at any time before or after the written examination or interview or appointment, it is found that they do not fulfill any of the eligibility condition or it is found that the information furnished is false or incorrect their candidature/appointment will be cancelled.
5. Reservation in SC, BC, ESM, Sports Person and PHC is only for Haryana State domicile. The SC/BC/PHC candidates are required to submit SC/BC/PHC certificate duly issued by the competent authority at the time of documents verification. Likewise, the Eligible Sports Person (ESP) shall be required to submit the sports gradation certificates at the time of documents verification as per Government instructions duly issued by the competent authority, DESM shall be required to submit the valid Eligibility Certificate duly issued by the respective Zila Sainik Board at the time of document verification.
6. 33% posts in each category i.e. General/Open Competition (OC), Scheduled Caste (SC), Backward Class(BC) and Physically Challenged (PHC) etc. shall be reserved for women. This reservation shall be horizontal.
7. Physically Handicapped Candidates means Physically Challenged Persons with Disabilities as per Haryana Govt. instructions.
8. Detailed instructions for filling the online application form are available on the website www.recruitment-portal.in
9. In case of any guidance/information/clarification regarding the online filling of the form, the candidate can call at C-DAC Mohali helpline Nos. 0172-6619062-63 on all working days from 9:00 AM to 6:00PM.
10. The Parishad reserves the right to increase or decrease the number of vacancies or cancel or withdrawn the advertisement at any point of time.
11. The prescribed essential qualification does not entitle a candidate to be called for document verification. The decision of the Parishad in all

matters relating to acceptance or rejection of an application, eligibility/suitability of the candidates, mode and criteria of selection etc. will be final and binding on the candidates. No inquiry or correspondence will be entertained in this regard.

Complete information is also available at Parishad website www.hsspp.in & www.schooleducationharyana.gov.in.

**State Project Director
HSSPP, Panchkula**

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Syllabus for the post of Assistant Manager (MIS)

Part- A

General Knowledge, Mental Ability (Reasoning & Quantitative Technique), Child Development and Psychology, Hindi and English (Matric level) **(50 marks)**

Part- B

1. **Data Base Management Systems:** ER Diagram, data models- Relational and Object oriented databases.
2. **Data Base Design:** Conceptual data base design, Normalization Primitive and Composite data types, concept of physical and logical databases, data abstraction and data independence, data aggregation and Relational Algebra.
3. **Application Development using SQL:** Host Language interface, embedded SQL programming, Stored procedures and triggers and views, Constraints assertions.
4. **Internal of RDBMS:** Physical data organization in sequential, indexed random and hashed files. Inverted and multi list structures, B trees, B+ trees, Query Optimization, Join algorithm. Transaction Processing, concurrency control and recovery management. Transaction model properties and state serialisability. Lock base protocols, two phase locking. Different server multi user, multiprocessor operating systems and requirement for client interfaces in distributed application environments.
5. **Data Communication and Computer Networks:** Computer Network Architecture, Circuit switching, Packet and Message Switching, Network Structure. Physical Layer, Data Link Layer, Framing. Retransmission algorithms. Multiple access and Aloha. CSMA/CD and Ethernet. High Speed LANs and topologies. Broadcast routing and spanning trees. TCP/IP Stack. IP Networks and Internet. DNS and Firewalls. Intrusion Detection and Prevention. Transport layer and TCP/IP. Network Management and Interoperability.
6. **System concept:** Definition and characteristics, elements and boundaries, types of system development lifecycle, recognition of needs, feasibility study, prototyping, role of system analyst.
7. System planning and tools like DFD, data dictionary, decision trees, structured analysis and decision tables. IPO charts, structured walkthrough, input output form design, requirement and classification of forms, layout considerations form control, object oriented Design Concepts and methods. Software Life Cycle, Software Engineering paradigms.
8. **System analysis:** Feasibility study requirement analysis, Cost benefit analysis, Planning systems, Analysis tools and techniques.
9. **System Design:** design fundamentals, Modular Design, Data and procedural design, object oriented design.
10. **System Development:** Code documentation, Program design paradigms, Efficiency Consideration. Verification, Validation and Testing: testing methods, Formal Program Verification, Testing Strategies. **(50 marks)**