AUTOMATED AI ENABLED PROCTORING SW

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1.   Exam Sec (erstwhile DGMT (MT-2) is resp for policy and conduct of Promotion and Competitive Exams, besides being the policy holder for Promotion Exams for JCOs/NCOs.

2.   Junior Ldr Proficiency Test (JLPT) for JCOs of IA has already migrated to online platform since yr 2023. ACC/SCO/SL Entrance, LGSC, Re-mustering of PA & Diploma of Engineering Entrance Exams will migrate to online format in yr 2024. The above migration will be followed by balance internal exams in IA in a phased manner, marking transformative step towards digitisation.

3.   Online Exams are now in the process of acceptance and expansion. The next transformation in the realm of Online Exams in IA is envisaged to be the flexible format of exams. Such a format would facilitate appearances by candidates in a block period; doing away with the concept of exam on fixed dates, exam centres and reqmt of invigilation staff to a large extent. However, realisation of this envisaged change in the format of exams is contingent upon a suitable Online Proctoring SW. Pertinently, such SWs are subscription based, and incur high & recurring cost and are internet dependent, making availability of our own such SW with IA a prerequisite.

Proposal

4.   AI based Online invigilation is in practice for various exams worldwide. It is proposed that an Automated AI Enabled Proctoring SW be devp for IA by DGIS on similar lines which will use the high speed NFS for conduct of all online exams. Initial test bedding can be carried out for internal exams of Cat A/ Trg Ests with lesser No of candidates in a localised envt before expanding to other exams in a phased manner.

5.   Online Proctoring will accrue fwg advantages:-

(a)   **Accessibility**. It will enable candidates to appear for exams from their units/fmns, thus obviating mov of candidates to distant exam centres, besides eliminating the need for establishing online exam centres itself.

(b)   **Adm Arngs**. Adm arngs to incl detailing of invigilating staff, adm staff, prep of exam venue etc will be reduced, ensuring incr availability of manpower resources to the envt.

(c)   **Scheduling**. Candidates will have the flexibility of appearing in the exam as per choice, thus facilitating optimal balance by the candidate in exam prep and org reqmt.

(d)   **Recording**. Proctoring SWs will provide facility of recording all events, which can be accessed for forensics in case reqd at a later stg.

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(e)   **Savings to Exchequer**. Candidates and exam centre staff will not be reqd to mov to exam centres, ensuring enormous saving of the recurring expenditure on conduct of physical exams.

6.   Brief on Automated AI Enabled Proctoring SW proposed to be devp is placed opposite for perusal. It is recommended that case file be recommended for approval by DGIS pl.

(PK Gahlot)
Col
Col GS (Exams)

18 Mar 2024

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<u>COS</u>

Endorsed for approval M

19/03

04/DSIS
22.3.24

DGIS.

573/DDGIT
26.3.24

Sir,
'R' to be processed
through IA And Committee
'R' for DDG IT

22/3

Brig (Incgols)

Briefed DG
on 26/3

26/3