

From

The Secretary,
Haryana State Board of Technical Education,
Govt. Polytechnic Campus, Sector-26,
Panchkula

To

All the Principals offering Diploma courses

Memo No. 923 /Exam /HSBTE

Dated: 28.11.2025

Subject: Guidelines regarding use of Scientific Calculator in Diploma Semester Theory Exams conducted by HSBTE for upcoming Exam.

Based on the revised curriculum, the revised list of subject IDs in each field / branch for which the use of Scientific Calculator for Semester Theory Examinations may be allowed in State Board Diploma Theory Exams is as under:

Sr.No	Sem/ Year	Subject ID	Subject Name
1	I	180015	Engineering Graphics
2	I	180017	Applied Mechanics
3	I	250015/220015/200015/170015/ 120015/060035/030015	Engineering Graphics/ Engineering Drawing-I
4	I	221014/212817	Fundamental of Electrical Engineering / Fundamentals of Electrical Engg.
5	II	220021/212824/170332	Applied Mechanics
6	II	220025	Engineering Graphics
7	II	220125/170025/120025/030025	Mechanical Engineering Drawing -I/ Engineering Drawing-II
8	II	220327	Workshop Technology-I
9	II	220524	Mechanical Operations
10	II	220527	Fluid Flow
11	II	220921	Electrical Networks
12	II	221021	Electronic Instruments and Measurement
13	II	221821	Mechanics of Solids
14	II	222224	Polymer Chemistry
15	II	120026/030026	Applied Mechanics
16	II	202425/171027/120828/030828	Basic Electrical Engineering
17	III	180531/120531/30531/116833	Fluid Flow
18	III	180533/120533/30533/116836	Mech. Operations
19	III	180535/120535/30535	Heat Transfer I/Heat Transfer
20	III	180733/170733/120733/030733	Surveying - I
21	III	181035/171041/121041/031041	Network Filters and Transmission Lines
22	III	220331/180331/120331/031731/ 032233/030332/105232/170342	Strength of Materials/ Mechanics of Solids/ Basic Mech. Engg.
23	III	220332/170333/120333/030333/ 030345/344	Auto Engineering Drawing/ Automobile Engineering Drawing/ Auto Engineering Drawing-I/ Auto Engineering Drawing - II
24	III	220333/180332/170345/030331	Basics of Thermodynamics, Hydraulics and Pneumatics
25	III	220732/180732/120732/170747/ 030745	Structural Mechanics
26	III	220733	Surveying-I
27	III	220735/180731/170731/120731/ 030731	Fluid Mechanics

28	III	221733/181732/121732/031732/ 094834/117232/171743/030434/ 452	Thermodynamics - I/ Thermodynamics/ Pr. Of Therm. Engg./ Energy Dynamics/ Engineering Thermodynamics
29	IV	120345	Mechanics of Vehicles
30	IV	121745/31745	M/c Des.& Drg.
31	IV	170745/120745	Reinforced Concrete Design
32	IV	180144/120144/30144	Manufacturing Tech. II
33	IV	180245/120245/30245	Structural Mechanics
34	IV	180341/170341/120341/30341	Auto Engine I
35	IV	180345	Automobile Engg. Drg.
36	IV	180541/120541/30541	Mass Transfer I
37	IV	180545/120545/30545	Heat Transfer II
38	IV	180642/120642/30642	Chem. Engg. Thermo. & Rxn Engg.
39	IV	180643/120643/116843	Heat Transfer
40	IV	180645/120645/ 30651	Stock Preparation- I
41	IV	180646/120646/ 30654	Paper Making- I
42	IV	180743/170743/120743	Irrigation Engg.
43	IV	180744/170744/120744/30744	Surveying-II
44	IV	180745	Soil Mechanics & Found. Engg.
45	IV	181741/171741/121741/031741/ 117243/121841/031841/072442	Hydraulics and Pneumatics/ Hyd. & Hyd. M/c
46	IV	181743/121743/31743	Thermodynamics-II/I.C. Engines
47	IV	220143	Manufacturing Technology
48	IV	220542	Mass Transfer Operations-I
49	IV	220543	Heat Transfer Operations-I
50	IV	220642	Mass Transfer
51	IV	220643	Heat Transfer
52	IV	220644	Paper Making – I
53	IV	220742	Surveying -II
54	IV	220744	Soil Mechanics and Foundation Engineering
55	IV	220746	Irrigation Engineering
56	IV	221745	Machine Design
57	IV	221746	Thermodynamics - II
58	V	030754/0742	Irrigation Engineering and Drawing
59	V	120753	Steel Structure Design
60	V	170751	Reinforced Concrete Drawing
61	V	170754/120754/ 030743/752	Soil Mechanics & Foundation Engg./Soil & Found. Engg.
62	V	170755/030755/756	Quantity Surveying
63	V	171751	Thermodynamics II
64	V	180253/120253/ 030255/241	Reinforced Cement Concrete(RCC)
65	V	180351/170351/120351/030351	Auto Engines -II
66	V	180553/120553/30553	Mass Transfer - II
67	V	180652/120652/ 30662	Stock Preparation-II
68	V	180654/120654/ 30665	Paper Making - II
69	V	180655/120655/30655	Chem. Recovery
70	V	180751/030751/0753	Reinforced Cement Concrete Design and Drawings
71	V	180752/170752/120752/30752	Highway Engineering
72	V	180755B	Pre-stressed Concrete
73	V	180954A/170954A	Instrumentation
74	V	181752/171752/121752/31752	Ref. & Air Conditioning
75	V	181754/171754/121754/031751	Theory of M/c
76	V	181756/171756	Machine Design
77	V	220751	RCC Design and Drawing
78	V	220754	Estimation & Costing

79	V	221752	Refrigeration and Air Conditioning
80	V	221753C	Stainless Steel Technology
81	V	221754	Theory of Machines
82	V	221852	Plastic Mould-Design and Drawing
83	V	221853B	Heat Treatment
84	VI	170763	Steel Structure Design
85	VI	170764	Steel Structure Drawing
86	VI	170766B/120766C	Pre-stressed Concrete
87	VI	180261/120261/030261	Qty. Surveying & Valuation/QtySurv., Val. & Spec.
88	VI	180761/030761/0762	Steel Structures Design and Drawing
89	VI	180763/120763/030763	Quantity Surveying & Valuation
90	VI	181762/171762/121762/31762/ 84532/ 31846/ 105355	Inspection & Quality Control/ Metrology
91	VI	181765/171765/105362/106162	Estimating & Costing
92	VI	181861B/120361/031863/084561 / 105244/ 30354/1765	Industrial Engg.
93	VI	220263	Structure Systems-II
94	VI	220663	Chemical Recovery
95	VI	220761	Steel Structures Design and Drawing
96	VI	221763	Metrology and Quality Control
97	VI	221764B	Estimating and Costing in Mechanical Engineering
98	VI	221861	Forging and Casting Dies-Design and Drawing
99	VI	222863A/212863A	Solid Mechanics and Mechanisms

Accordingly, scientific calculator may please be allowed in Diploma Semester Theory Exams for the above mentioned subject IDs and all concerned be informed and a copy must be handed over to the Exam Supdt. in case Exam Centre is established in your institute.

Note: Simple Calculator is permissible in paper of Applied Mathematics.


**Controller of Exam,
HSBTE, Panchkula**

Endst. No. 924-925 /Exam /HSBTE

Dated: 28.11.2025

A copy of the above is forwarded to the following:-

- 1 Secretary, HSBTE
- 2 O/I Exam of each Institution offering Diploma Courses


**Controller of Exam
HSBTE, Panchkula**