5. Measurement and Evaluation

Measurement and evaluation is an integral component of any teaching-learning system. The Government of India in 1990 vested with NIOS the authority to examine and certify students up to pre-degree level. In fact NIOS is one of the National Board of Examination. It is the only Board which conducts two full-fledged examinations every year. In order to measure the learners' achievement and evaluate their performance, NIOS has been conducting its public examinations since 1991. It has conducted 33 examinations up to the year 2006-07.

5.1 Unique Features of NIOS Examination System

- One of the fascinating features of NIOS examinations is that it does not have the infrastructure of its own. It shares the infrastructure and human resources of the institutions established by the public sector and private sector to conduct its examinations without disturbing their academic schedule.

- NIOS gives a lot of flexibility to the students in matters related to examination such as appearing in one or more subjects in the examination as per the convenience, credit accumulation of the passed subjects, nine chances to appear in the public examination over a period of five years, and transfer of credit of two subjects passed from the other selected boards and up to four subjects from NIOS.

- A student is allowed to write his/her answers in the examination in any of the scheduled languages of India even if he/she has not opted for that medium.

- On-Demand Examination at Secondary level through which a student can appear in the examination any number of times as per his/her convenience.

5.2 Quality and Standard of the Question Papers

Like previous year, during 2006-07 also NIOS developed three sets of question papers in all main subjects for Secondary and Sr. secondary examinations. For Vocational Courses, single set of question papers was developed. Question Papers for all the subjects were printed in the identified Confidential Press. These were stored and delivered from the designated Banks/Treasuries/Police Stations. Besides Hindi and English mediums, the question papers were developed in Urdu and in Regional Mediums (Telugu, Gujarati and Marathi) for the purpose of conducting public examinations during 2006-07.

In order to provide reliability, validity and credibility to the National Institute of Open Schooling examination system, several in-built checks and balances have been incorporated into the system to ensure quality and standard of the question papers. The question papers were prepared on the basis of the design and blue print developed by the Academic Department and Vocational Education Department of NIOS. The paper setters were provided with the syllabus, study material, sample question papers and designs of question papers in order to facilitate in preparation of a balanced question papers containing short answer type, very short answer type, essay type and objective type questions based on knowledge, understanding and application. The sets of question papers were got moderated by the subject experts to ensure that the questions were within syllabus; they were neither too tough nor too easy and the marking scheme was accurate and covered all parts of questions.

5.3 Orientation of the Chief Secrecy Officers and Secrecy Officers

In order to keep the identity of the examinees secret, NIOS hides the names and enrolment numbers of the candidates by allotting them fictitious numbers. These are made available to the concerned secrecy teams only. As the Chief Secrecy Officers (CSOs) and other secrecy team members are taken from the outside experts, they need to be orientated about the concept of fictitious numbers and their role in this regard. During 2006-07, the Department of Evaluation, NIOS organized two orientation

programmes for Chief Secrecy Officers and Secrecy Officers of all the Regional Centres for October 2006 and April 2007 examinations on 26-09-2006 and 28-03-2007 respectively.

5.4 Conduct of Public Examinations during 2006-07

As usual, the NIOS conducted two public examinations, one in April 2006 and other in October 2006. During the year 2006-07, total 4,95,170 candidates appeared in the Academic and the Vocational Education Streams which included 2,54,869 candidates for the Secondary Certificate Examination, 2,18,717 candidates for the Senior Secondary Certificate Examination and 21,584 candidates for Vocational Education courses through 2128 examination centres in the country as well as abroad. The April 2006 and October 2006 examinations for academic courses were held in 1057 and 702 examination centres respectively spread all over the country.

During 2006-07, total 21,584 candidates appeared in various Vocational Education examinations through 369 examination centres throughout the country. During April 2006, total 10,803 candidates appeared in vocational examination through 184 examination centres covering 354 AVIs. 10,781 candidates appeared in October 2006 examination through 184 examination centres covering 364 AVIs. During 2006-07, two examinations were conducted during April 2006 and October 2006 for the Secondary and Senior Secondary level students enrolled with the newly established Rajasthan State Open School (SOS). Necessary guidance was provided to the SOS functionaries for initiating the process of centre fixation etc., for conducting public examinations in the State. The answer scripts of the students of Rajasthan State Open School were evaluated by NIOS and their result was processed.

5.5 Monitoring and Supervision of Public Examinations of NIOS

In order to ensure smooth and fair conduct of examinations, one full time Officer on Special Duty (OSD) was deputed at each examination centre. In addition, Flying Squad Teams were also sent to the examination centres. During 2006-07, special arrangements were made for deploying Flying Squads in the examination centres in all the Regional Centre. Assistance was sought from the State Education Agencies for ensuring smooth conduct of NIOS examinations. The Haryana School Education Board took suitable measures in this regard by deputing special teams of its officers to supervise and monitor the NIOS examinations in the State of Haryana.

Detailed guidelines were issued to the Centre Superintendents of the examination centres for taking necessary precautions to ensure smooth and fair conduct of examinations at their respective examination centres. To ensure effective supervision of examinations, two invigilators were provided in each examination room.

5.6 Standardization of Marking Schemes

With help of the academic faculty of NIOS and the outside subject experts, the Marking Schemes of the Question Papers of 12 subjects of Secondary course and 17 subjects of Senior Secondary course for April 2006 and October 2006 examinations were got standardized and finalized immediately after the question papers had been administered.. The finalized Marking Schemes of different subjects were sent to the Regional Centres of NIOS by e-mail which were used by the evaluators for evaluating the answer scripts in different subjects.

5.7 Evaluation of the Answer Books

The Team Leaders and Evaluators in different subjects evaluated the answer books at the Evaluation Centres fixed by the Regional Centres of NIOS. The Evaluation Centres were coordinated and monitored by the concerned NIOS Regional Centres; and the awards were sent to the Director (Evaluation). Finally the results were processed and declared normally within four-five weeks of the close of the examination. Before finalizing, the Moderation Committee reviewed and moderated the results after having lively discussions. The result was approved by the Chairman of NIOS.

5.8 UFM Committee Meetings

The Confidential Section of the Department of Evaluation processed the cases of unfair means (777UFM) detected during the course of the April 2006 and October 2006 examinations. These cases

were discussed in the meeting of a high level committee. The students were given opportunity to put their view-points before the committee.

To consider the cases of mass copying and malpractices during April-May 2006 Secondary and Senior Secondary and Vocational Education Examinations, meetings of the Unfair Means (UFM) Committee were held on 29 June 2006 and 3-4 July, 2006 at NIOS Headquarters. The UFM Committee meetings for examining the UFM cases of October 2006 examination were held on 15-16 January 2007 and 22-23 January 2007 at NIOS Headquarters. The individual candidates involved in Unfair Means during the examination were called to appear before the Committee for personal hearing. The Committee considered all the cases and recommended suitable penalty in established Unfair Means cases. The students found guilty were imposed penalties and a few of them were exonerated as per rules by the UFM Committee

5.9 Performance of Students in Examinations During 2006-07

5.9.1 Subject-wise Performance in Academic Courses

The Subject-wise pass percentage in respect of the Secondary and Senior Secondary courses is given below:

Table 5.1 Subject-wise Pass Percentage in Secondary Certificate Examination

	April 2006		October 2006 Subject	
	APP.	PASS%	APP.	PASS%
201 Hindi	96976	83.18	13168	74.8
202 English	121789	70.29	24310	40.47
203 Bengali	815	75.7	217	73.27
204 Marathi	2056	78.16	213	61.03
205 Telgu	497	62.37	107	54.2
206 Urdu	1556	75.57	266	62.03
207 Gujrati	224	84.37	26	65.38
208 Kannad	30	66.66	6	33.33
209 Sanskrit	6404	36.94	1990	51.1
210 Punjabi	6306	88.83	381	58.0
228 Assamese	141	81.56	19	78.94
231 Nepali	1377	52.98	442	61.53
232 Malayalam	306	95.09	13	61.53
233 Oriya	478	98.32	20	90.0
211 Mathematics	79896	52.88	23654	35.31
212 Science	98609	46.81	30462	30.25
213 Social Science	108134	57.33	30354	44.77
214 Economics	50297	60.71	13609	57.26
215 Business Study	30757	62.75	7675	48.37
216 Home Science	61259	64.82	13737	45.29
217 Typing(Hindi)	211	63.98	40	55.0
218 Typing(ENG)	3367	71.81	746	63.0
219 Word Proc.	30339	85.97	3249	77.8
222 Psychology	5337	43.48	1770	29.37
223 Ind. Cul..& Her..	4242	50.16	1294	37.32

Subject-wise performance given in the table 5.1, shows that the pass percentage in all the subjects, except in Sanskrit, Science and Psychology at Secondary level, was above 50 in the April 2006 examination. Similarly, the performance during October 2006 examinations shows that the pass percentage was above 30 in all subjects except that in Psychology. The lowest pass percentage in the Secondary Course in April, 2006 examination was in Sanskrit (36.94) whereas in October, 2006 examinations, the lowest pass percentage was in Psychology (29.37). The highest pass percentage (above 90%) was in Oriya in both the examinations in 2006, though the number of candidates appeared was small.

Table 5.2: Subject-wise Pass Percentage in Senior Secondary Certificate Examination

	April 2006		October 2006	Subject
	APP.	PASS%	APP.	PASS%
301 Hindi	69615	76.31	14343	60.87
302 English	95246	66.05	25225	57.27
306 Urdu	951	78.34	203	54.68
311 Mathematics	22204	58.46	6136	32.11
312 Physics	24612	50.37	7399	42.64
313 Chemistry	24291	51.39	7094	42.73
314 Biology	16029	60.6	3855	51.21
315 History	35759	71.13	8834	53.23
316 Geography	21522	59.96	6394	47.15
317 Political Sc.	45859	72.3	11005	56.29
318 Economics	38022	58.59	11436	41.47
319 Business Studies	19438	73.36	4350	64.34
320 Accountancy	15231	49.08	4714	32.71
321 Home Science	30678	62.52	7859	58.85
322 Type (Hindi)	131	48.85	44	70.45
323 Type (English)	2009	58.04	652	57.98
324 Steno(Hindi)	21	52.38	3	66.67
325 Steno (Eng)	97	54.64	22	45.45
326 Sec. Practice	5212	73.91	1011	67.06
327 Word Process	22537	75.52	4106	70.56
328 Psychology	4575	62.23	1450	61.31
330 Computer Sc.	5900	47.25	1903	37.15
331 Sociology	17315	79.05	3612	67.58
332 Painting	3186	75.46	737	76.26

The Table 5.2 on subject-wise pass percentage in the Senior Secondary April 2006 examinations shows that in all the subjects, except in Accountancy, Typing (Hindi) and Computer Science, the pass percentage was above 50. For the October 2006 examinations, the pass percentage was above 60 in only 9 out of 24 subjects. The lowest pass percentage in the Senior Secondary examinations was in Computer Science (47.25%) for the April 2006 examinations. For October 2006 examinations, the lowest pass percentage was in Mathematics (32.11%). The highest percentage of marks in April 2006 examinations was in Sociology (79.26%) and in October, 2006 examinations, it was in Painting (76.26%).

The year-wise pass percentage in Secondary and Sr. Secondary courses since 1997 to 2006 is at Annexure-III.
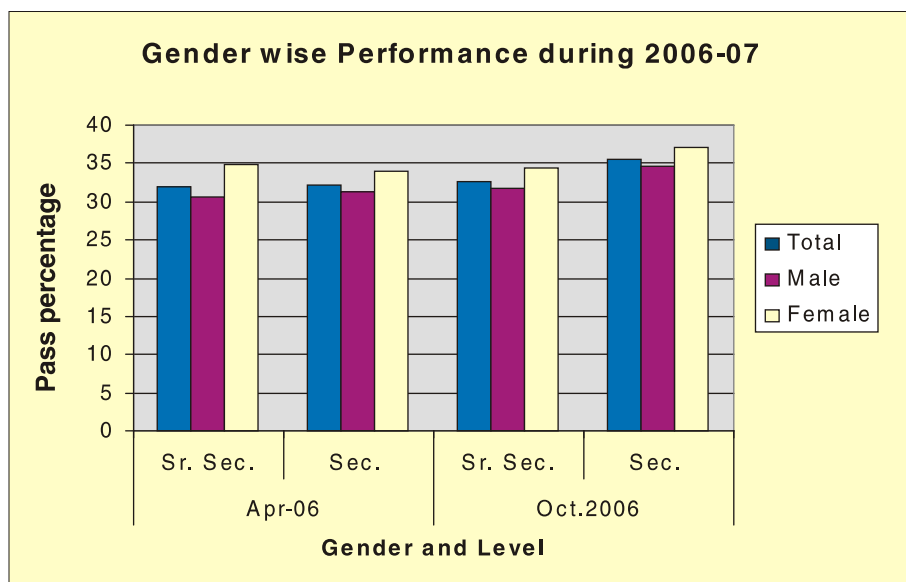
5.9.2 Gender-wise Performance

Gender wise data of the students appeared and certified during April 2006 and October 2006 examination are given in the tables 5.3 and 5.4.

Table 5.3 : Gender- wise Performance in April 2006 Examination

	Appeared		Certified		Pass%	
	Sr. Sec.	Sec.	Sr. Sec.	Sec.	Sr. Sec.	Sec.
Total	148883	175699	47521	56489	31.92	32.15
Male	101921	119660	31130	37459	30.54	31.30
Female	46962	56039	16391	19030	34.90	33.96

Table 5.4 : Gender- wise Performance in October 2006 Exam

	Appeared		Certified		Pass%	
	Sr. Sec.	Sec.	Sr. Sec.	Sec.	Sr. Sec.	Sec.
Total	69834	79170	22843	28054	32.71	35.43
Male	47879	53492	15275	18556	31.69	34.69
Female	21955	25678	7568	9498	34.47	36.99

Gender wise Performance during 2006-07

The gender wise performance of the students given in the tables shows that the performance of female candidates have been more than the performance of male candidates in both April 2006 and October 2006 examinations at Secondary as well as at Sr. Secondary level.

5.9.3 Medium wise Performance

During 2006-07 at secondary level besides Hindi and English medium the examinations were conducted in Urdu, Telugu, Marathi, Malayalam and Gujarati also. The number of students appeared and certified in different mediums at Secondary level during April 2006 and October 2006 exams is given in the following table.

The medium wise examination data for secondary level course shows that during April 2006, Marathi medium students had maximum pass percentage (43%) followed by the English medium students (38.6%), whereas in October 2006 examination Malayalam medium students had maximum pass percentage (57.1 %) followed by the Urdu Medium students (46.6 %).

During 2006-07, Sr. Secondary level examinations were conducted in Hindi, English and Urdu mediums. The number of students appeared and certified in different mediums during April 2006 and October 2006 exam are given below:

At Senior Secondary level English medium students has maximum pass percentage (38.6%) in April 2006 exam whereas in October 2006 examinations the

Table 5.5 : Medium wise Performance at Secondary Level

Medium	April 2006 Exam.			October 2006 Exam.		
	App.	Certified	Pass %	App.	Certified	Pass %
Marathi	1620	698	43.0	508	174	34.2
Telugu	470	150	31.9	132	46	34.8
Urdu	870	272	31.2	422	197	46.6
Gujarati	231	35	15.1	136	33	24.2
Hindi	113832	32616	28.6	51920	13703	26.3
English	59167	22819	38.6	26364	8831	33.5
Malayalam	22	02	9.09	07	04	57.1

Table 5.6 : Medium wise Performance at Sr. Secondary Level

Medium	April 2006 Exam.			October 2006 Exam.		
	App.	Certified	Pass %	App.	Certified	Pass %
Urdu	870	272	31.2	422	197	46.6
Hindi	113832	32616	28.6	51920	13703	26.3
English	59167	22819	38.6	26364	8831	33.5

Urdu medium students had maximum pass percentage (46.6%).

5.9.4 Subject-wise Performance in Vocational Education Courses

During 2006-07, total 21,584 students appeared in Vocational Education Examination. These include 10,803 students during April 2006 examination and 10781 students during October 2006 examination. Around 56.97% vocational students were certified during April 2006 whereas 58.11% students were certified during October 2006 examination.

Table 5.7: Subject wise Pass Percentage in Vocational Education Examination (April 2006)

Subject Code	Subject Name	April 2006 Examination		Oct. 2006 Examination	
		App	Pass %	App	Pass %
252	Carpentry	18	100.00	14	92.86
253	Solar Energy Tech.	12	66.67	3	100.00
256	Bakery & Confectionary	87	88.51	75	6800
257	Welding Technology	106	91.51	166	93.98
322	Typewriting (Hindi)	12	8.33	7	85.71
323	Typewriting (Eng)	34	29.41	27	44.44
324	Stenography(Hindi)	23	8.70	29	62.07
325	Stenography(Eng)	11	36.36	18	27.78
326	Secretarial Practice	6	66.67	21	23.78
327	Word Processing	121	64.46	74	62.16
351	Plant Protection	5	0.00	-	
356	House Keeping	26	84.62	17	17.65
357	Catering Management	213	81.69	136	79.41
358	Food Processing	16	62.50	3	100.00
359	Play Centre Management	6	83.33	2	100.00
360	Hotel Front Office Operation	2	50.00	6	66.67
363	Preservation Of Fruits And Vegetables	1	100.00	2	100.00
401	Basic Of Health Care	23	86.96	44	88.64
402	Health And Environment	20	100.00	41	100.00
403	Health Education	23	86.96	44	93.18
404	Health Extension Activities	23	86.96	43	93.02
412	Secretarial Practice	93	83.87	53	73.58
413	Computer Applications In Office	93	80.65	53	66.04
414	Business Communication	93	86.02	53	69.81
415	Shorthand Writing	93	25.81	52	36.54
416	Learning Through Toys	3	66.67	5	40.00
417	Art Of Toy Making	3	66.67	5	40.00
418	Toy-Making As An Industry	3	66.67	5	20.00

422	Typewriting (Hindi)	28	50.00	57	78.95
423	Typewriting (Eng)	61	68.85	113	51.33
424	Stenography (Hindi)	38	55.26	72	63.89
425	Stenography (Eng)	157	44.59	168	42.86
426	Secretarial Practice	202	83.66	261	67.05
427	Word Processing	119	79.83	70	74.29
430	Orientation To X-Ray Dept.	173	92.49	147	84.35
431	Basic & Radiation Physics	171	87.13	147	82.31
432	Human Anatomy & Physiology	171	63.16	145	60.69
433	Dark Room Layout And Practices	117	77.78	91	49.45
434	Regional Radiography And Contrast Media	114	79.82	90	54.44
435	Advance Imaging & Special Diag. Proc.	114	69.30	91	49.45
436	Library Functions And Services	193	77.72	136	72.79
437	Organisation Of Library Materials	194	79.90	136	69.85
438	Records Of Library	194	77.32	136	66.18
439	Understanding The Child	1306	80.17	1530	77.39
440	Early Childhood Care And Education	1310	80.46	1529	78.81
441	Org. & Man. An Early Childhood Care & Ed	1310	80.92	1529	78.16
601	House Wiring & Elect Appliances Repairing	185	68.11	58	63.79
602	Motor & Transformer Rewinding	55	83.64	27	48.15
603	Radio & Tape Recorder Repairing	17	76.47	1	0.00
604	T.V. Repairing	39	84.62	13	61.54
605	Cutting & Tailoring	547	75.87	344	79.36
606	Dress Making	52	84.62	66	84.85
608	Certificate In Basic Computing	67	29.85	135	37.78
611	Plumbing	77	87.01	45	100.00
612	Beauty Culture	637	86.97	466	89.91
613	Desk Top Publishing	332	52.11	162	28.40
614	Yog	449	50.56	350	42.29
615	Certificate In Security Service	473	7.82	211	4.27
616	Certificate In Hardware Assembly & Maint	92	55.43	124	74.19
701	House Wiring & Elect Appliances Repairing	1118	72.90	1018	68.17

702	Motor & Transformer Rewinding	737	72.86	802	62.47
703	Radio & Tape Recorder Repairing	247	85.83	240	86.67
704	T.V. Repairing	153	81.05	200	83.00
705	Cutting & Tailoring	814	93.24	962	94.70
706	Dress Making	586	95.73	833	94.72
707	Library Attendant	2	100.00	14	78.57
708	Library Clerk (Cataloguing)	2	100.00	14	85.71
709	Refrigeration	445	85.84	549	84.88
710	Air Conditioning	228	91.67	447	85.23
711	Basic Computing Skills	1308	54.28	1757	48.78
712	Computer Applications	1229	32.63	1722	32.11
713	Certi. Course In Two Wheeler Mechanism	33	84.85	41	68.29
715	Basics Of Health & Disease	63	22.22	37	45.95
716	Footwear Design & Production	2	0.00	-	-
717	Basics Of Homeopathy	63	52.38	37	72.97
801	Paripurna Mahila	1	100.00	-	-
802	Jan Swasthya	1028	82.10	1318	76.18

5.10 Region Wise Result Status

Table 5.7 : Region Wise Result Status

Region	Sr. Secondary				Secondary			
	April 2006		October 2006		April 2006		October 2006	
	Appeared	Pass%	Appeared	Pass%	Appeared	Pass%	Appeared	Pass%
Hyderabad	4651	17.59	2194	43.25	1674	22.76	704	36.08
Pune	4844	30.88	1925	27.22	12839	34.56	5442	36.46
Kolkata	9800	32.60	5419	28.42	15523	35.00	7782	33.00
Guwahati	9248	36.63	3975	39.22	14578	43.81	6264	45.21
Chandigarh	28834	31.84	18905	31.21	31943	25.91	19868	32.59
Kochi	2419	17.53	1288	17.16	1084	31.46	521	29.37
Delhi Zone -I	34303	28.50	29741	32.26	33992	26.03	31460	32.58
NIOS HQ	779	35.56	339	31.27	672	43.90	275	38.91
Jaipur	2205	35.01	961	34.65	3802	42.27	1508	43.90
Patna	3509	49.50	1379	39.23	5489	50.96	1774	47.80
Allahabad	6837	43.18	2366	40.41	4796	48.19	1534	57.89
Delhi Zone -II	38761	32.86	-	-	44588	30.62	-	-
Bhopal	2693	28.63	1342	46.13	4719	36.51	2038	50.74

The analysis of the region wise result shows that during April 2006 examination the Regional Centre Patna had highest pass percentage (49.50%) at Sr. Secondary level and the regional centre Kochi had lowest pass percentage (17.53%) whereas during October 2006 examination Regional Centre Bhopal had highest pass percentage (46.13%) and the Regional centre, Kochi had the lowest pass percentage(17.16%) at Sr. Secondary level.

At Secondary level during April 2006, the Regional Centre Patna had highest pass percentage (50.96%) and the Regional Centre Hyderabad had lowest pass percentage (22.76%), whereas during October 2006 the Regional Centre, Allahabad had highest pass percentage (57.89%) and the Regional Centre, Kochi had lowest pass percentage (29.37%).

5.11 National Workshop on Strategies for Examinations Reform

(i) Shimla Workshop

During 2006-07, NIOS organized a three day National Workshop on Strategies for Examinations Reform at Shimla from 7-9 July, 2006 with a view to improve the procedures and practices for evaluating the performance of the candidates pursuing their studies at Secondary and Senior Secondary level through Open Schooling System. A number of issues concerning examination were deliberated and the workshop made significant recommendations in this regard.

(ii) Follow-up National Workshop at Puri

As a follow-up to the national workshop on stategies for examination reforms held at Shimla, another national meeting was organized at Puri (Orisa) to take stock of the progress made and to suggest further measures to improve the examination system under the Open Schooling System.

5.12 On-Demand Examination System (ODES)

Besides two public examinations in a year, NIOS conducts On-Demand Examinations at Secondary level. The introduction of On-Demand Examination (ODE) by NIOS has provided complete flexibility to the learners to pursue learning at their own pace. This has made the system of examinations independent of the time frame and will help the learners to take up the examinations as per their wish and preparation. They can also appear for improvement of their performance any numbers of times within the period of their admission till they are satisfied with their achievement.

Under the scheme of On-Demand Examinations, a learner can walk into the identified Testing Centre of NIOS on the prescribed days as per his/her choice and appear on the examination in any subject. The learner is provided with a question paper generated by the computer based on a blue print/design specific to the subject. The blue print is a three dimensional grid, which allocates the number of questions and marks to each module/unit of the subject, the learning objective and the type of question. While generating a question paper, the computer picks up a question from each cell of the blue print from about 30-40 questions, which have been developed and computerised for each cell. Thus, each student appearing in a subject gets a different question paper, even if a large number of students are appearing in that subject. The weightage of each question paper set is maintained in terms of content, objectives and the types of questions.
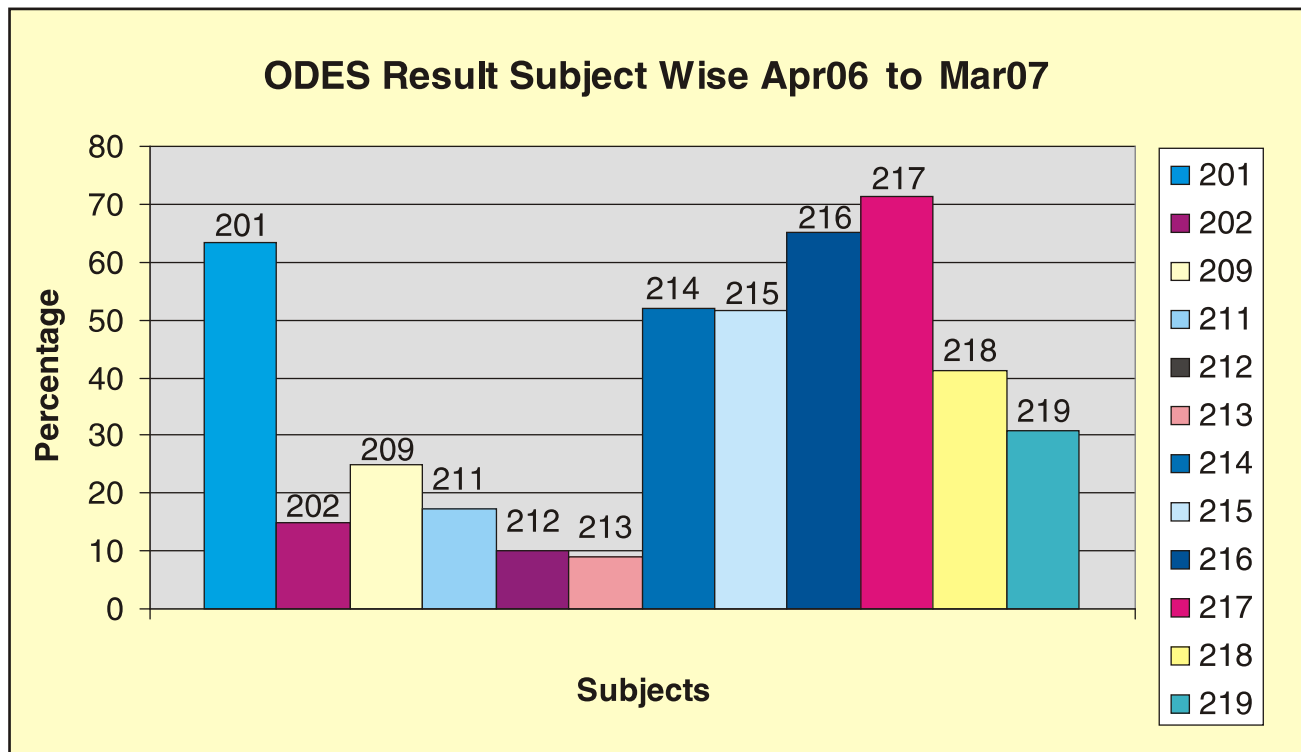
5.12.1 ODES at Secondary Level

The On-Demand Examination System (ODES) at Secondary level was started with effect from 8 February, 2005 on prescribed days. During 2006-07, On-Demand Exam was conducted twice in a week. During 2006-07, 7880 students appeared in the examinations. The number of candidates appeared and passed in different subjects during the year was as under:

(i) On-Demand Examination System Launched of Pune

In a significant step in the pursuit of reaching the un-reached, NIOS launched the On-Demand

Table 5.8: On Demand Examination Data at Secondary Level

Subject Code	Subjects	April 2006 to March, 2007		
		Appeared	Passed	Pass%
201	Hindi	785	497	63.31
202	English	1114	277	24.00
209	Sanskrit	93	16	17.20
211	Mathematics	1021	101	9.89
212	Science	1283	190	14.81
213	Social Science	1411	126	8.92
214	Economics	549	286	52.09
215	Business Studies	490	252	51.42
216	Home Science	745	486	65.23
217	Typewriting (Hindi)	7	5	71.42
218	Typewriting (Eng.)	34	14	41.17
219	Word Processing	348	107	30.74

ODES Result Subject Wise Apr06 to Mar07

Examination System at Pune Regional Centre on 20 July, 2006. The Union Minister of State for Human Resource Development, Shri Mohammad Ali Ashraf Fatmi, inaugurated the Centre. Shri Suresh Kalmadi, Member of Parliament presided over the function.

(ii) On-Demand Examination System Launched at Patna

On 28th August, 2006, NIOS launched the On-Demand Examination System (ODES) at its Regional Centre, Patna. The Union Minister for Railways, Shri Lalu Prasad Yadav, inaugurated the Centre. The Union Minister of State for Human Resource Development, Shri Mohammad Ali Ashraf Fatmi, presided over the function. Shri Ram Chandra Purbey, Ex-Minister HRD, Government of Bihar, Shri Jai Prakash Narayan Yadav, Ex-State Minister, Government of India and Ex- Minister of Education

Govt. of Bihar, Shri M.C. Pant, Chairman, NIOS and Shri D.S. Bist, Secretary, NIOS were present during the inauguration ceremony.

The On-Demand Examination at Secondary Stage will be extended to the Testing Centres being established at other Regional Centres of NIOS.

5.12.2 Towards ODES at Senior Secondary Level

Keeping in view the increasing demand of the On-Demand examination at Secondary level and the need of OD Exam at Sr. Secondary level, NIOS developed a question bank in the subjects of Hindi, English, Mathematics, Political Science, Home Science, Business Studies and Chemistry at Sr. Secondary level during 2006-07. The question items have been reviewed, computerized and converted into data base form.