



RMSA Technical Cooperation Agency (RMSA-TCA)

Bhopal

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Rashtriya Madhyamik Shiksha Abhiyan
Technical Cooperation Agency

SECONDARY SCHOOL READINESS PROGRAM

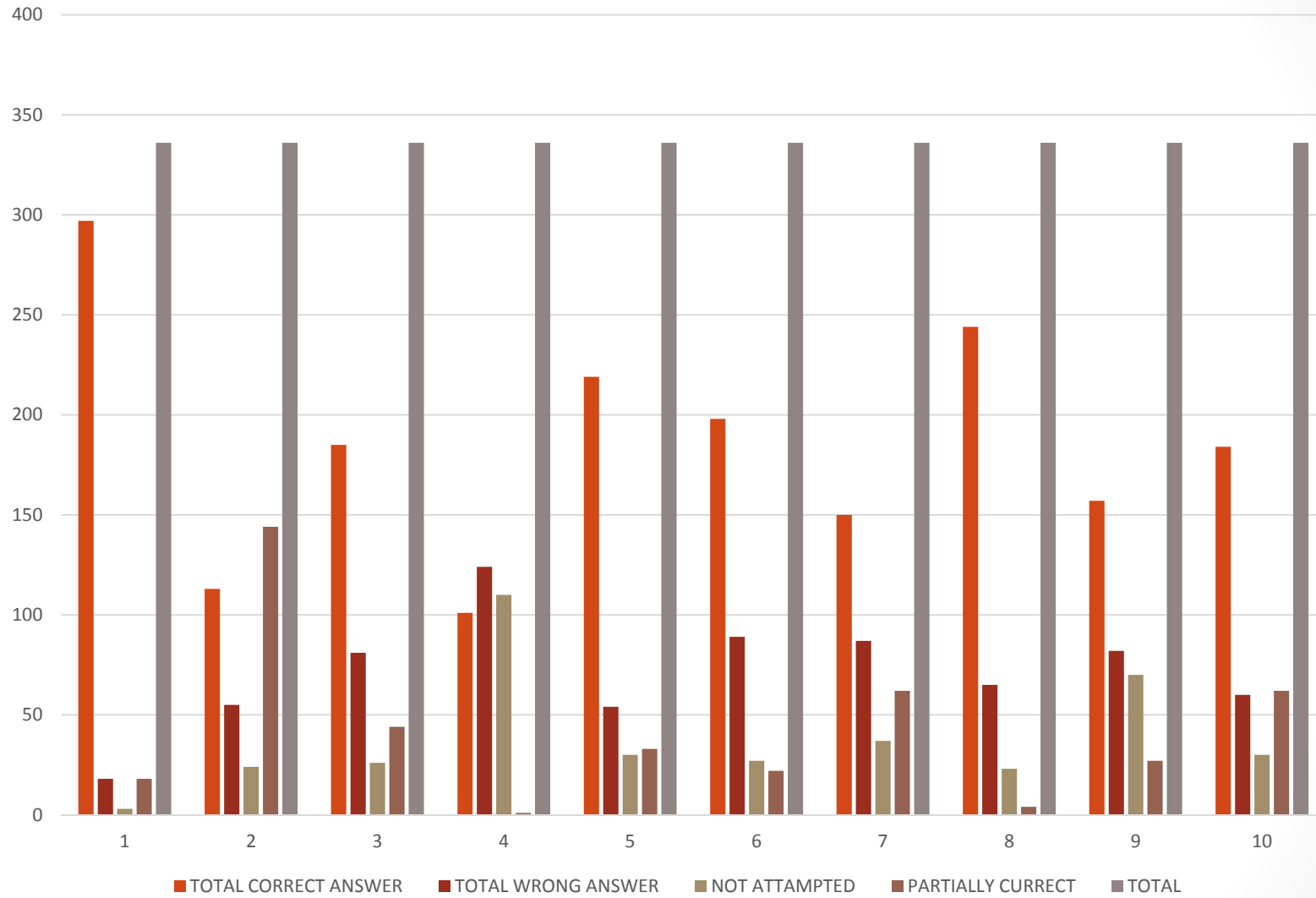
M.P. – Analysis of Science test

- Diagnostic test conducted in 10 schools of Bhopal District on 18th / 19th Nov. 2015.
- School were selected from rural and urban areas randomly.
- Students from each school were divided into three groups i.e. Math, Science and Hindi.
- Question paper was based on indicators for class III to class IX.
- There were 30 questions in science test.
- 10 questions were of class III level.
- 10 questions were of class V level.
- 10 questions were of class VIII level.
- 336 students appeared for science test
- 15 member team comprising of RMSA TCA / RMSA / Education dept. conducted diagnostic test on 18/19th Nov. 2015.
- Valuation has been done by the same team.

SECONDARY SCHOOL READINESS PROGRAM M.P. QUESTION WISE ANALYSIS

	1	2	3	4	5	6	7	8	9	10
TOTAL CORRECT ANSWER	297	113	185	101	219	198	150	244	157	184
TOTAL WRONG ANSWER	18	55	81	124	54	89	87	65	82	60
NOT ATTAMPTE D	3	24	26	110	30	27	37	23	70	30
PARTIALLY CURRECT	18	144	44	1	33	22	62	4	27	62
TOTAL	336	336	336	336	336	336	336	336	336	336

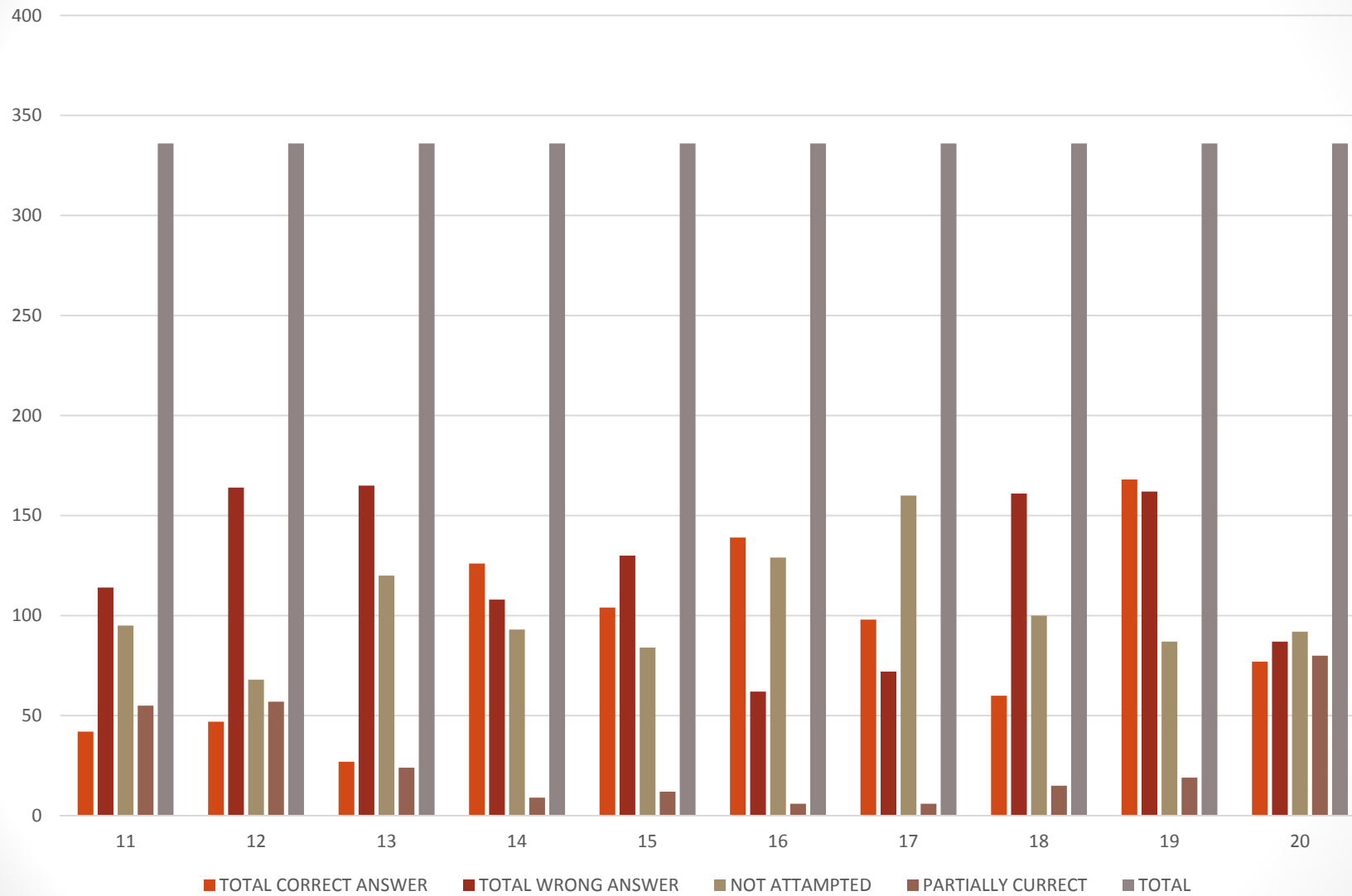
Question wise analysis



SECONDARY SCHOOL READINESS PROGRAM M.P. QUESTION WISE ANALYSIS

	11	12	13	14	15	16	17	18	19	20
TOTAL CORRECT ANSWER	42	47	27	126	104	139	98	60	168	77
TOTAL WRONG ANSWER	114	164	165	108	130	62	72	161	162	87
NOT ATTAMPTED	95	68	120	93	84	129	160	100	87	92
PARTIALLY CURRECT	55	57	24	9	12	6	6	15	19	80
TOTAL	336	336	336	336	336	336	336	336	336	336

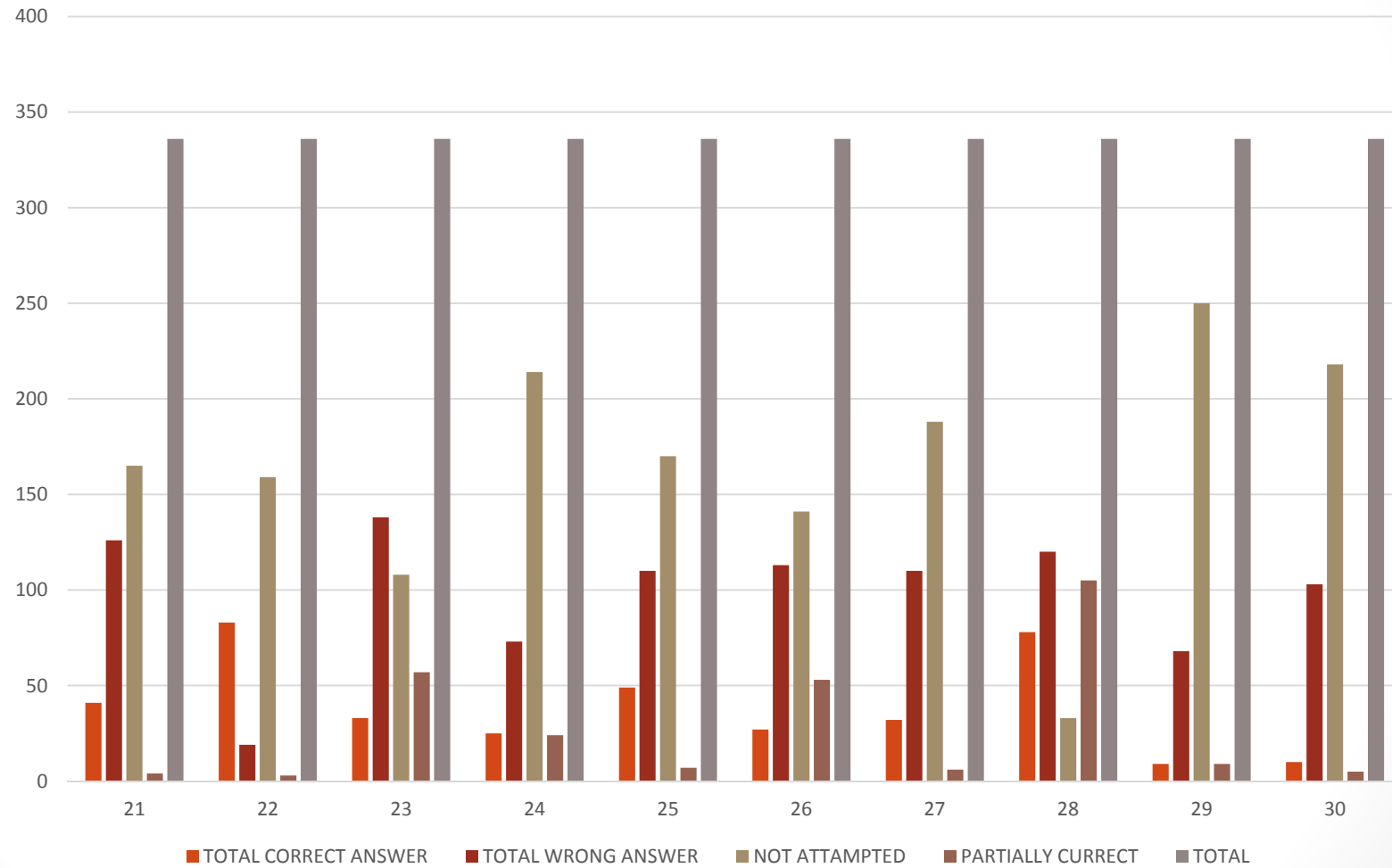
Question wise analysis



SECONDARY SCHOOL READINESS PROGRAM M.P. QUESTION WISE ANALYSIS

	21	22	23	24	25	26	27	28	29	30
TOTAL CORRECT ANSWER	41	83	33	25	49	27	32	78	9	10
TOTAL WRONG ANSWER	126	19	138	73	110	113	110	120	68	103
NOT ATTAMPTED	165	159	108	214	170	141	188	33	250	218
PARTIALLY CURRECT	4	3	57	24	7	53	6	105	9	5
TOTAL	336	336	336	336	336	336	336	336	336	336

Question wise analysis



SECONDARY SCHOOL READINESS PROGRAM M.P.

LEVEL OF SELECTED STUDENTS

LEVEL	NO OF STUDENTS
0	113
3	125
5	74
8	24
Total	336

QUESTION WISE ANALYSIS

- Students performed good at Std III level.
- Std V level – Question No. No 11,12,13, only 42, 47, and 27 students respectively answered correctly . These questions were knowledge based.
- Q No 17 & 18 & 20, only 98, 60, and 77 students answered correctly. These questions were also knowledge based.
- Question No. 21 to 30, less than 20% students answered correctly.
- Over all level of the children's can be said as of IIIrd standard.

ANALYSIS

- Total 336 students were selected for diagnostic testing.
- 113 students are on 0 level ie **33.63%** students either not attempt the question or answers are wrong.
- 132 students are on class level 3, ie **37.20%** students are on class level III.
- 80 students are on class level 5, ie **22.02%** students are on class level V
- 24 students are on class level 8 ,ie **7.15%** students are on class level VIII

STRATEGY FOR IMPROVEMENT

- Activity based teaching activities should be framed for foundation camp.
- Active and innovative teachers should be identified for foundation camp.
- Learning situations should be according to there context.



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SECONDARY SCHOOL READINESS PROGRAM

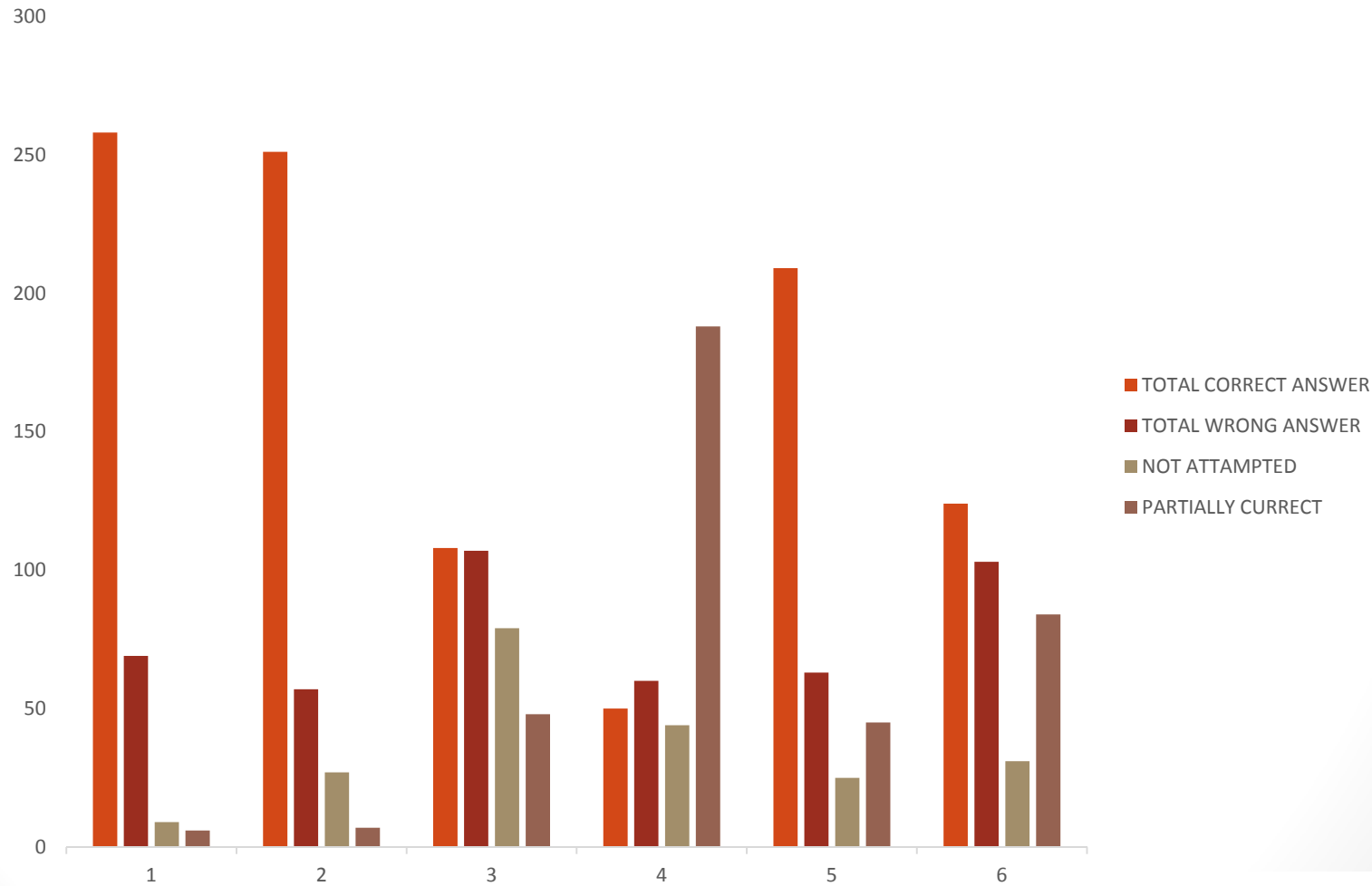
M.P. – Analysis of Math's test

- Diagnostic test conducted in 10 schools of Bhopal District on 18th / 19th Nov. 2015.
- Schools were selected from rural and urban areas randomly.
- Students from each school were divided into three groups i.e. Math, Science and Hindi.
- Question paper was based on indicators for class III to class IX.
- There were 18 questions in Math's test.
- 6 questions were of class III level.
- 6 questions were of class V level.
- 6 questions were of class VIII level.
- 342 students appeared for science test
- 15 member team comprising of RMSA TCA / RMSA / Education deptt conducted diagnostic test on 18/19th Nov. 2015.
- Valuation has been done by the same team.

SECONDARY SCHOOL READINESS PROGRAM M.P. QUESTION WISE ANALYSIS – Math

	1	2	3	4	5	6
TOTAL CORRECT ANSWER	258	251	108	50	209	124
TOTAL WRONG ANSWER	69	57	107	60	63	103
NOT ATTAMPTED	9	27	79	44	25	31
PARTIALLY CURRECT	6	7	48	188	45	84
TOTAL	342	342	342	342	342	342

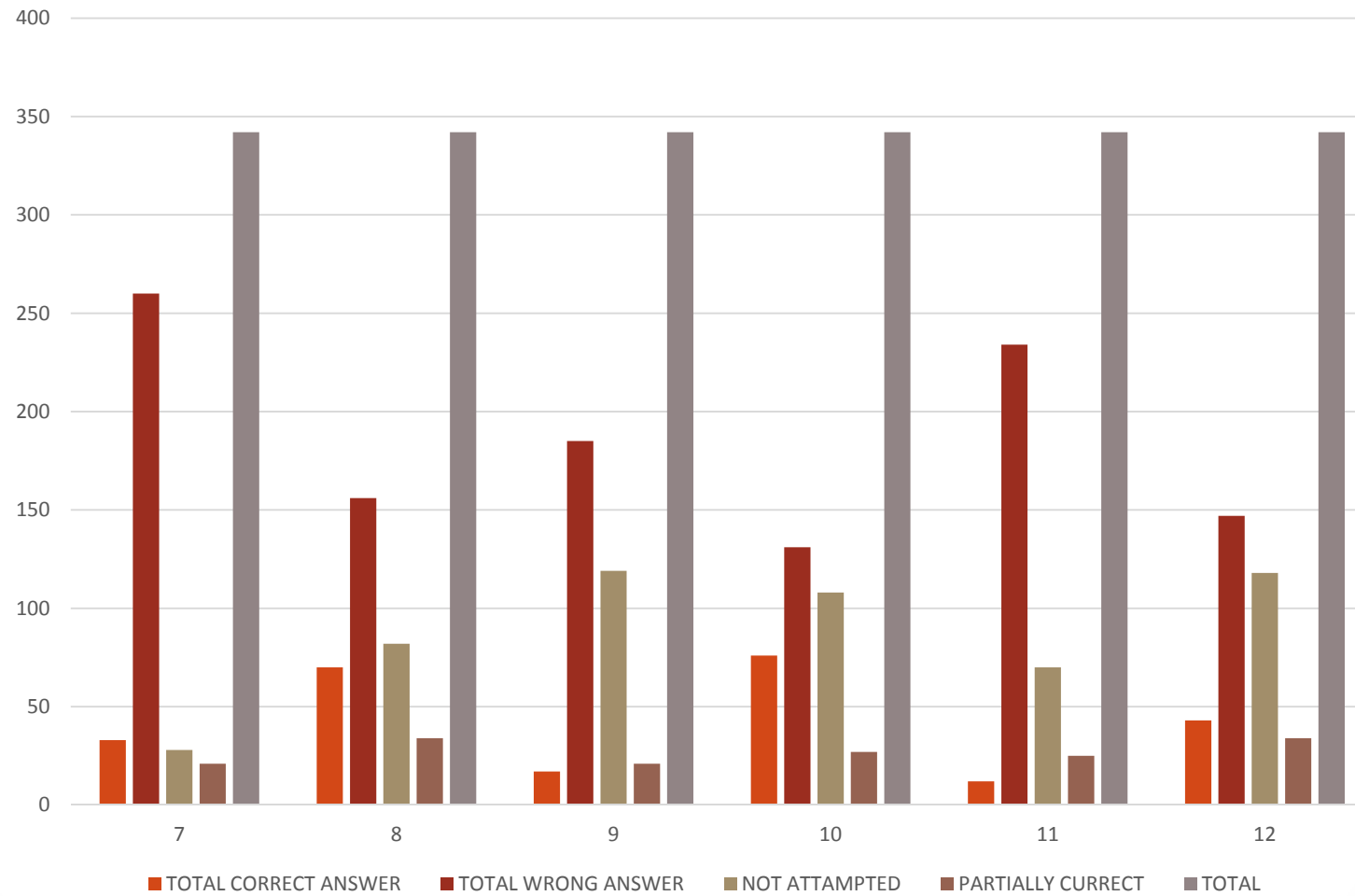
Question wise analysis



SECONDARY SCHOOL READINESS PROGRAM M.P. QUESTION WISE ANALYSIS

	7	8	9	10	11	12
TOTAL CORRECT ANSWER	33	70	17	76	12	43
TOTAL WRONG ANSWER	260	156	185	131	234	147
NOT ATTAMPTED	28	82	119	108	70	118
PARTIALLY CURRECT	21	34	21	27	25	34
TOTAL	342	342	342	342	342	342

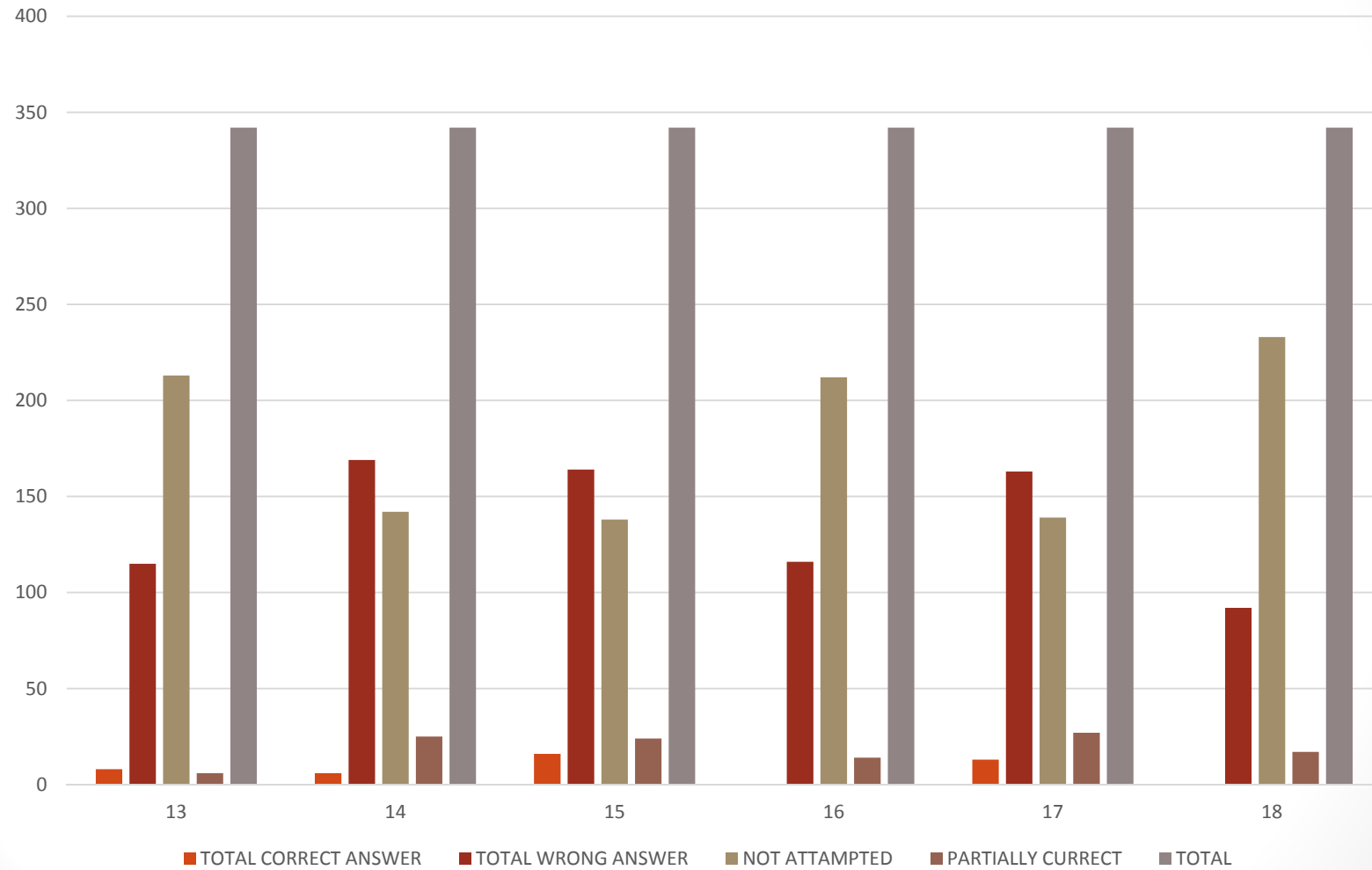
Question wise analysis



SECONDARY SCHOOL READINESS PROGRAM M.P. QUESTION WISE ANALYSIS

	13	14	15	16	17	18
TOTAL CORRECT ANSWER	8	6	16	0	13	0
TOTAL WRONG ANSWER	115	169	164	116	163	92
NOT ATTAMPTED	213	142	138	212	139	233
PARTIALLY CURRECT	6	25	24	14	27	17
TOTAL	342	342	342	342	342	342

Question wise analysis



QUESTION WISE ANALYSIS

- Question no 4, draw cuboids, cube, cylinder and sphere. Only 50 students drawn the above figures.
- Q.No.7, addition of six digit number. Only 33 students solved it correctly.
- Q.No.9 addition of $\frac{5}{9}$ and $\frac{4}{9}$. Only 17 students solved it correctly.
- No. 11 calculation of percentage. Only 12 students solved it correctly.
- No. 13 to 18 . Maximum 16 students solved it correctly. Question No16 & 18, none of the students answered correctly.

SECONDARY SCHOOL READINESS PROGRAM M.P. LEVEL OF SELECTED STUDENTS

LEVEL	NO OF STUDENTS	PERCENTAGE
0	129	37.72 %
3	174	50.88 %
5	37	10.82 %
8	02	0.58 %
Total	342	100 %

ANALYSIS

- Total 342 students were selected for diagnostic testing.
- 129 students are at '0' level **37.72** students either did not attempt any question or answers are wrong.
- 174 students are at class level 3, i.e. **50.88 %** students are at class level III.
- 37 students are at class level 5, i.e. (**10.82 %**)
- 2 students are at class level 8 ,i.e. (**.58 %**)

STRATEGY FOR IMPROVEMENT

- Activity based teaching should be framed for foundation camp.
- Active and innovative teachers should be identified for foundation camp.
- Learning situations should be according to there context.



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SECONDARY SCHOOL READINESS PROGRAM

M.P. (Analysis of Hindi test)

- Diagnostic test has been conducted in 10 schools of Bhopal District.
- School were selected randomly.
- Students from each school were also selected randomly from IX class.
- Question paper was based on indicators for class III to class IX.
- There were 15 questions contained in question paper.
- 5 questions were class level III , 5 questions were class level V and last 5 questions were class level VIII.
- 15 member team has been conducted test in November second week.
- Evaluation and analysis has been done by the same team.

SECONDARY SCHOOL READINESS PROGRAM

M.P.

- Time for the solving question paper 1 hour was provided.
- The aim and object of this test analysis had been explained to teachers and school management.
- Before solving the question paper, 10 Minutes time was provided to students to go through it.
- Before the test, the discussion was held in the classroom to make atmosphere friendly.

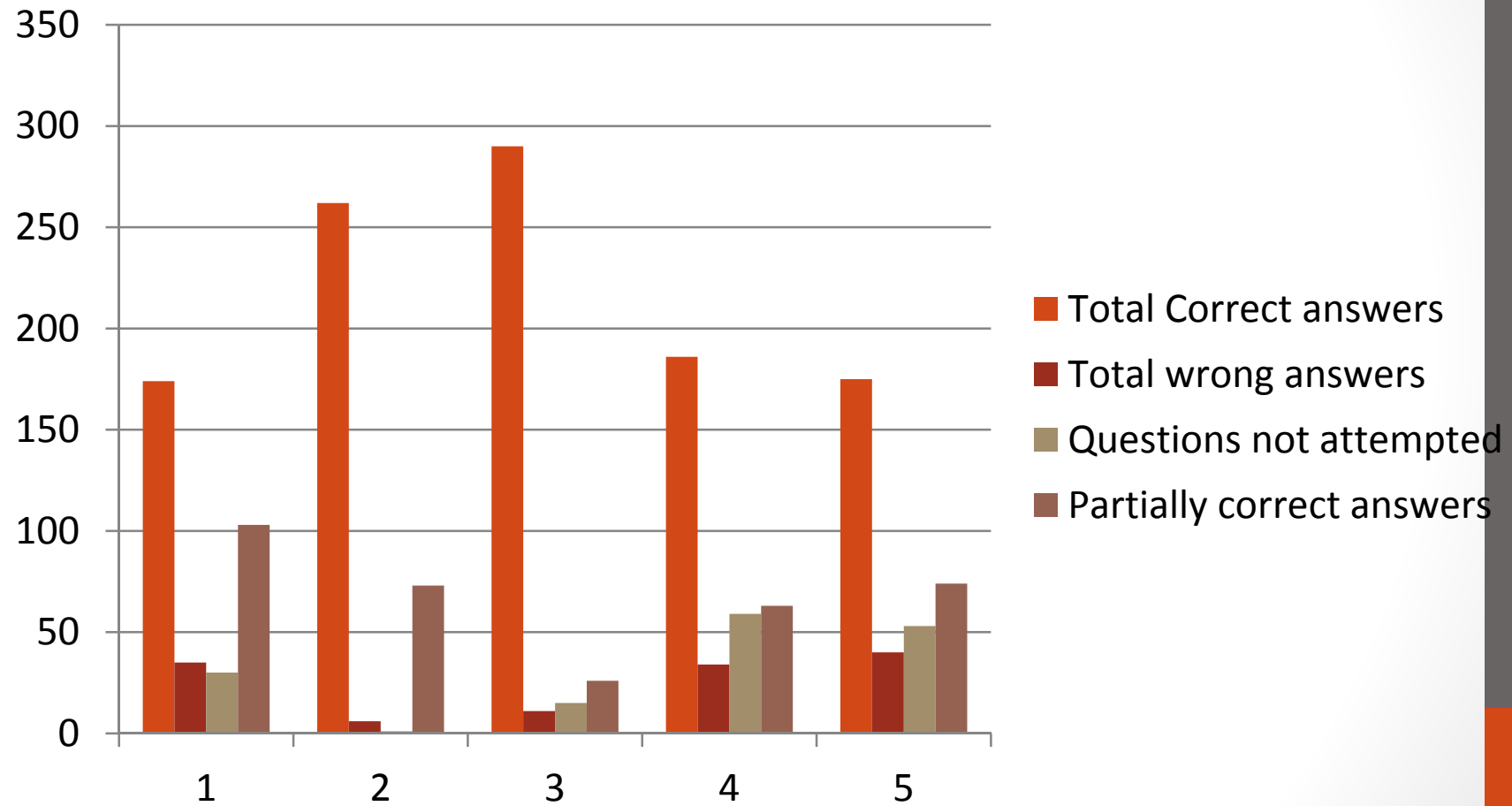
Evaluation of Diagnostic Question Paper

- For fair checking of answers, model answer key was prepared. On the basis of it question paper was checked. On the basis of marking scheme evaluation and analysis has been done by the same team.

SECONDARY SCHOOL READINESS PROGRAM M.P. QUESTION WISE ANALYSIS

	1	2	3	4	5
Total correct answers	174	262	290	186	175
Total wrong answer	35	6	11	34	40
Questions not attempted	30	1	15	59	53
Partially correct answer	103	73	26	63	74
Total	342	342	342	342	342

GRAPHICAL REPRESENTATION

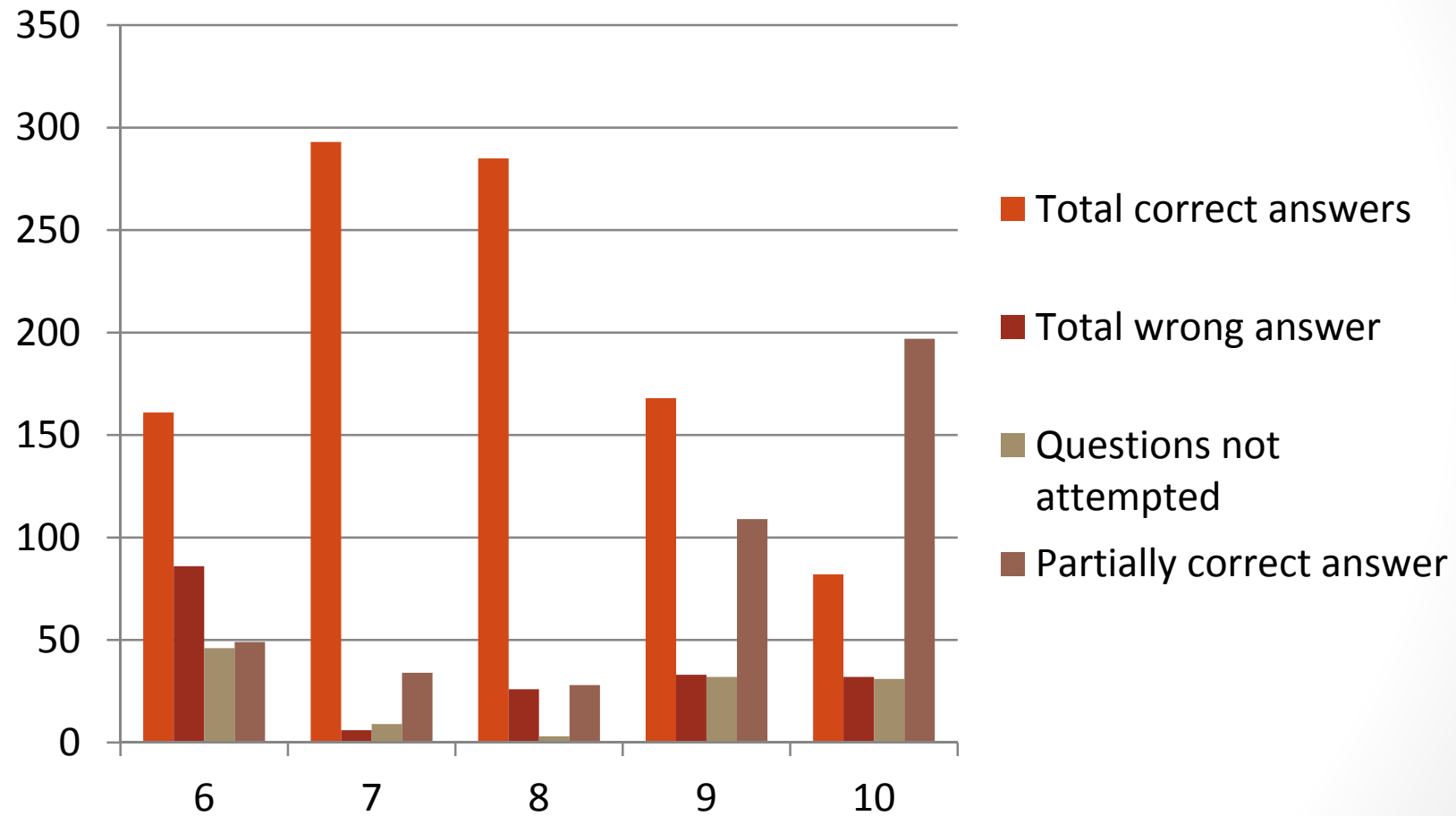


SECONDARY SCHOOL READINESS PROGRAM M.P.

QUESTION WISE ANALYSIS

	6	7	8	9	10
Total correct answers	161	293	285	168	82
Total wrong answer	86	6	26	33	32
Questions not attempted	46	9	3	32	31
Partially correct answer	49	34	28	109	197
Total	342	342	342	342	342

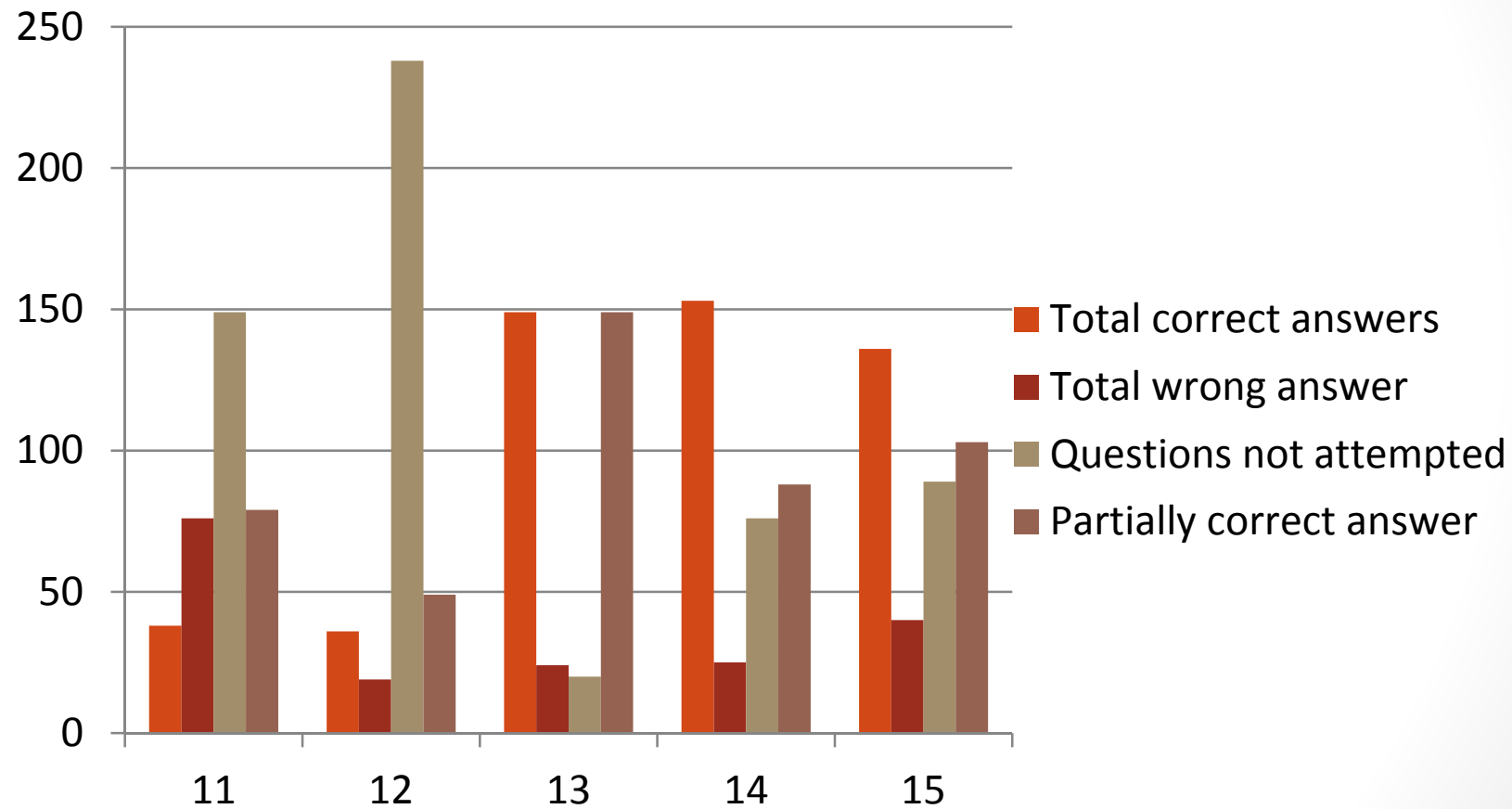
GRAPHICAL REPRESENTATION



SECONDARY SCHOOL READINESS PROGRAM M.P. QUESTION WISE ANALYSIS

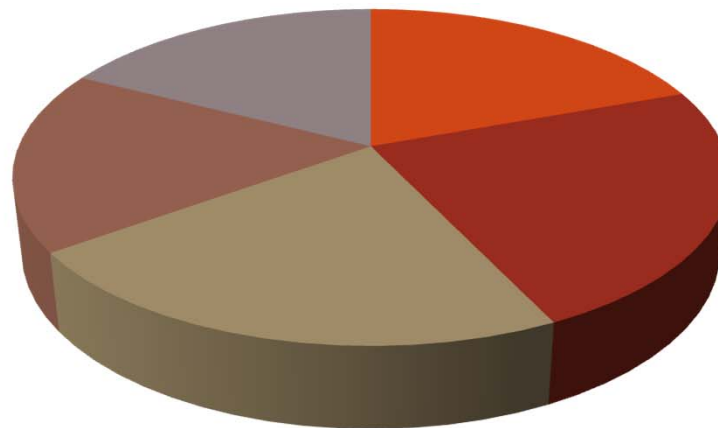
	11	12	13	14	15
Total correct answers	38	36	149	153	136
Total wrong answer	76	19	24	25	14
Questions not attempted	149	238	20	76	89
Partially correct answer	79	49	149	88	103
Total	342	342	342	342	342

GRAPHICAL REPRESENTATION



Total correct & Partially correct answers Graphical Representation

	LEVEL III				
Question	1	2	3	4	5
Total correct & Partially correct answers	277	335	316	249	249
percent	80.99	97.95	92.40	72.81	72.81

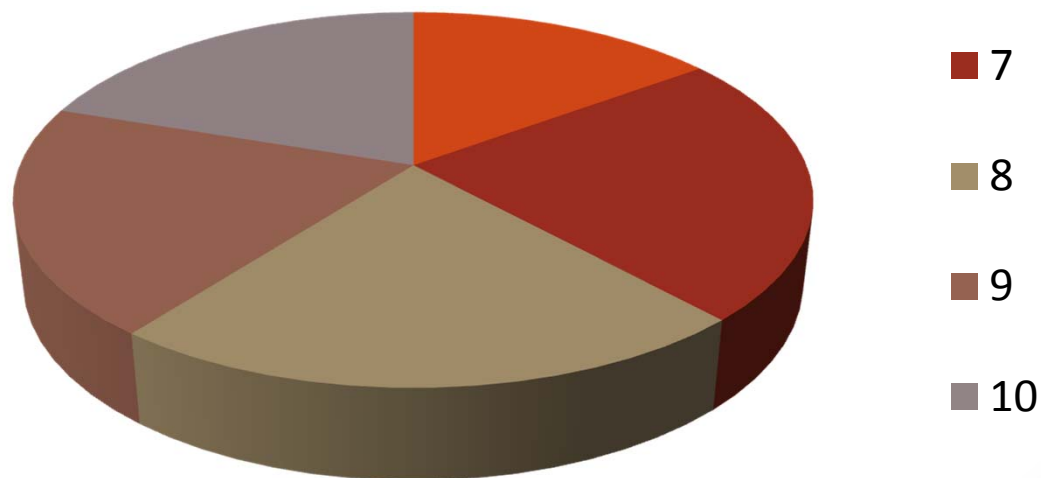


- Q. 1
- Q. 2
- Q. 3
- Q. 4
- Q. 5

Total correct & Partially correct answers

	LEVEL V				
Question	6	7	8	9	10
Total correct & Partially correct answers	210	327	313	277	279
percent	61.40	95.61	91.52	80.99	81.58

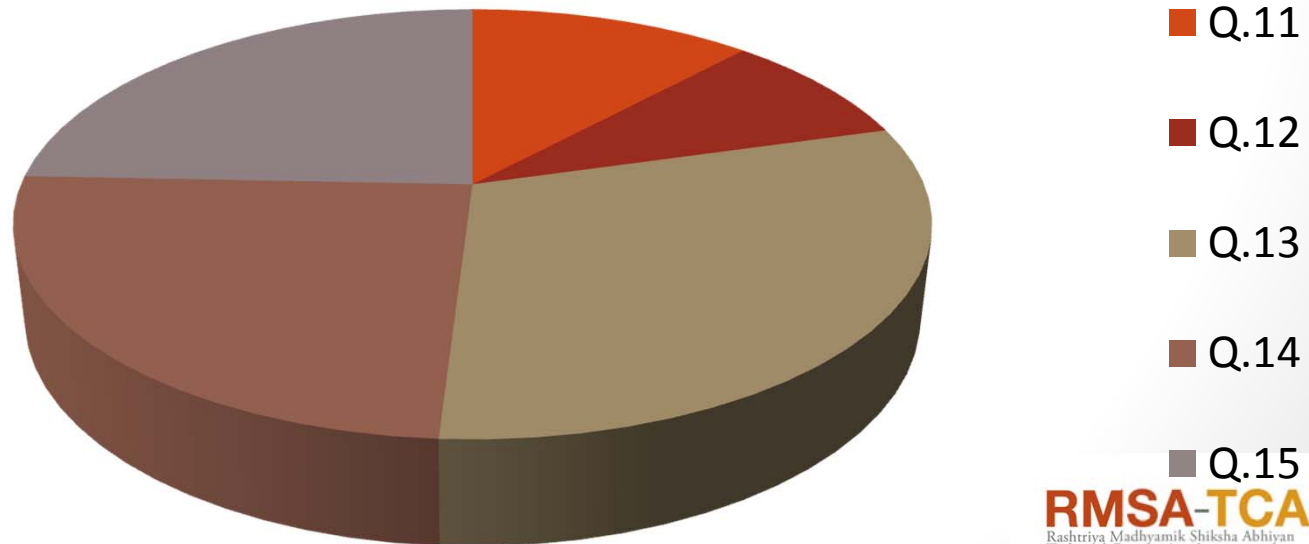
Total correct & Partially correct answers



Total correct & Partially correct answers

	LEVEL VIII				
Question	11	12	13	14	15
Total correct & Partially correct answers	117	85	298	241	239
percent	34.21	24.85	87.13	70.74	69.88

Total correct & Partially correct answers



Analysis

- Level 3- Students could not answer the que.no 1-5. It was found that either students could not answer the questions or they were not able to understand them. It may be possible that such type of questions may not have been practised in the class before. It is noticed that such questions where they need to read and understand the questions need to be practised more.
- Level 5- About 50 percent of the students could not answer the question no.6 as they were not able to understand the question. It is possible that they were confused about the arithmetic question. Knowledge based questions 7 and 8 could be answered by almost 80 percent of the students. Only 82 percent of the students could answer the Que. No.10. students are able to understand the subject matter that are taught in the class but are not able to write the answers.

Analysis

- Level 8 Que. No 12 &13 related to sentence correction and punctuation could be answered by only 9 students which indicates that the students have not got enough knowledge of grammar, punctuation and correct language. Que.No 14 &15 could be answered by almost 50 percent of the students but not in proper order. They are not familiar with the practice of answering in proper order.

SECONDARY SCHOOL READINESS PROGRAM M.P.
LEVEL OF SELECTED STUDENTS

LEVEL	NO OF STUDENTS
0	33
3	101
5	111
8	97
Total	342

ANALYSIS

- Total 342 students were selected for diagnostic testing.
- 23 students are on level 0 i.e. 9.65% students either not attempt the question or answers are wrong.
- 131 students are on class level 3,i.e. 32.46% students are on class level III.
- 97 students are on class level 5,i.e. 29.53 % students are on class level V
- 91 students are on class level 8,i.e. 28.36% students are on class level VIII

STRATEGY FOR IMPROVEMENT

- Activity based teaching activities should be framed for foundation camp.
- Active and innovative teachers should be identified for foundation camp.
- Learning situations should be according to there context.

THANK YOU

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