



**SRCTC'S
SUMAN RAMESH TULSIANI TECHNICAL CAMPUS – FACULTY OF ENGINEERING,
KHAMSHET**

An ISO 9001:2015 Certified Institute
DEPARTMENT OF CIVIL ENGINEERING

APF-9A	Questionnaire for Identifying Advanced & Slow Learners https://www.srttc.ac.in/apf2020-21.html	Academic Year: 2020-21
Issue No: 02		Semester: II
Revision No:0		
Rev. Date: 15/06/2018		

Class: TE CIVIL

Division

Domain	Sr. No	Characteristic	Roll Number/Name of Student	Rating															
				Lavina Marselline Ruzario			Abhijeet Manoj Sahani			Kamble Vaibhav Arun			Prasad Madhukar Tumade			Bari Deepak Umakant			
				Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	
GENERAL COGNITIVE ABILITY	1	Understanding of complex concepts		✓			✓				✓			✓			✓		
	2	Thrives on application of concept		✓			✓				✓			✓			✓		
	3	Does in-depth investigations		✓			✓				✓			✓			✓		
	4	Learns rapidly in comparison to peers		✓			✓				✓			✓			✓		
SPECIFIC ACADEMIC ABILITY	5	Pursues special interests with enthusiasm		✓			✓				✓			✓			✓		
	6	Operates at a higher level of abstraction than peers		✓			✓				✓			✓			✓		
	7	Discusses and elaborates in detail		✓			✓				✓			✓			✓		
CREATIVE THINKING	8	Independent and/or flexible thinker		✓			✓				✓			✓			✓		
	9	Generates many ideas to solve a given problem		✓			✓				✓			✓			✓		
	10	Creates and invents		✓			✓				✓			✓			✓		
LEADERSHIP	11	Improvises and sees unique possibilities		✓			✓				✓			✓			✓		
	12	Takes an active role in decision making		✓			✓				✓			✓			✓		
	13	Expresses self with confidence		✓			✓				✓			✓			✓		
	14	Ideas expressed accepted by others		✓			✓				✓			✓			✓		
General Characteristic/ Behavioral aspects Characteristic	15	Sought out by others to accomplish a task		✓			✓				✓			✓			✓		
	16	Command over English Language		✓			✓				✓			✓			✓		
	17	Can write the answer to the question precisely		✓			✓				✓			✓			✓		
	18	Conceptual understanding		✓			✓				✓			✓			✓		
	19	Timely submission of allocated work		✓			✓				✓			✓			✓		
	20	Interacts with faculty frequently		✓			✓				✓			✓			✓		

[Signature]
Class Teacher

[Signature]
Mentor





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APF-9A	Questionnaire for Identifying Advanced & Slow Learners	Academic Year: 2020-21
Issue No: 02		Semester: I
Revision No: 0		
Rev. Date: 15/06/2018		

Class: TE CIVIL

Division

Domain	Sr. No	Characteristic	Roll Number/Name of Student	Rating																	
				Pandey Kartikey Ramkishor			Priyanka Rakesh Singh			Reygan Rajan Kotwal			Pathan Dastagir Chandkhan			Siddharth Rajesh Jaiswal					
				Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	Good	Average	Poor			
GENERAL COGNITIVE ABILITY	1	Understanding of complex concepts																			
	2	Thrives on application of concept																			
	3	Does in-depth Investigations																			
	4	Learns rapidly in comparison to peers																			
SPECIFIC ACADEMIC ABILITY	5	Pursues special Interests with enthusiasm																			
	6	Operates at a higher level of abstraction than peers																			
	7	Discusses and elaborates in detail																			
CREATIVE THINKING	8	Independent and/or flexible thinker																			
	9	Generates many ideas to solve a given problem																			
	10	Creates and invents																			
	11	Improvise and sees unique possibilities																			
LEADERSHIP	12	Takes an active role in decision making																			
	13	Expresses self with confidence																			
	14	Ideas expressed accepted by others																			
	15	Sought out by others to accomplish a task																			
General Characteristic/ Behavioral aspects Characteristic	16	Command over English Language																			
	17	Can write the answer to the question precisely																			
	18	Conceptual understanding																			
	19	Timely submission of allocated work																			
	20	Interacts with faculty frequently																			

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Class Teacher

[Signature]
Mentor





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Class: TE CIVIL

Division

Domain	Sr. No	Characteristic	Roll Number/Name of Student	Rating														
				Sachin Cunaji Shirgaonkar			Gaurav Someshwar Budge			Vinodkumar Laxmarao Nageshwar			Ajinkya Sanjay Wagh			Iram Tariq Kadri		
				Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	Good	Average	Poor
GENERAL COGNITIVE ABILITY	1	Understanding of complex concepts		✓			✓			✓			✓			✓		
	2	Thrives on application of concept		✓			✓			✓			✓			✓		
	3	Does in-depth Investigations		✓			✓			✓			✓			✓		
	4	Learns rapidly in comparison to peers		✓			✓			✓			✓			✓		
SPECIFIC ACADEMIC ABILITY	5	Pursues special interests with enthusiasm		✓			✓			✓			✓			✓		
	6	Operates at a higher level of abstraction than peers			✓		✓			✓			✓			✓		
	7	Discusses and elaborates in detail		✓			✓			✓			✓			✓		
CREATIVE THINKING	8	Independent and/or flexible thinker		✓			✓			✓			✓			✓		
	9	Generates many ideas to solve a given problem		✓			✓			✓			✓			✓		
	10	Creates and Invents		✓			✓			✓			✓			✓		
	11	Improvise and sees unique possibilities		✓			✓			✓			✓			✓		
LEADERSHIP	12	Takes an active role in decision making		✓			✓			✓			✓			✓		
	13	Expresses self with confidence		✓			✓			✓			✓			✓		
	14	Ideas expressed accepted by others		✓			✓			✓			✓			✓		
	15	Sought out by others to accomplish a task		✓			✓			✓			✓			✓		
General Characteristic/ Behavioral aspects Characteristic	16	Command over English Language		✓			✓			✓			✓			✓		
	17	Can write the answer to the question precisely		✓			✓			✓			✓			✓		
	18	Conceptual understanding		✓			✓			✓			✓			✓		
	19	Timely submission of allocated work		✓			✓			✓			✓			✓		
	20	Interacts with faculty frequently		✓			✓			✓			✓			✓		

Mohit
Class Teacher

Mohit
Mentor



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APF-9A	Questionnaire for Identifying Advanced & Slow Learners	Academic Year: 2020-21
Issue No: 02		Semester: II
Revision No: 0		
Rev. Date: 15/06/2018		

Class: TE CIVIL

Domain	Sr. No	Characteristic	Roll Number/Name of Student	Division Rating														
				Suryakant Shashikant Shinde			Yash Ganesh Marathe			Sanket Tanaji Barne			Mayur Shinde			Goraksh Bhanudash Khose		
				Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	Good	Average	Poor
GENERAL COGNITIVE ABILITY	1	Understanding of complex concepts			✓			✓			✓			✓			✓	
	2	Thrives on application of concept			✓			✓			✓			✓			✓	
	3	Does in-depth investigations			✓			✓			✓			✓			✓	
	4	Learns rapidly in comparison to peers		✓				✓			✓			✓			✓	
SPECIFIC ACADEMIC ABILITY	5	Pursues special interests with enthusiasm			✓			✓			✓			✓			✓	
	6	Operates at a higher level of abstraction than peers		✓			✓			✓			✓			✓		
	7	Discusses and elaborates in detail		✓			✓			✓			✓			✓		
CREATIVE THINKING	8	Independent and/or flexible thinker			✓			✓			✓			✓			✓	
	9	Generates many ideas to solve a given problem		✓			✓			✓			✓			✓		
	10	Creates and invents			✓			✓			✓			✓			✓	
	11	Improvises and sees unique possibilities		✓			✓			✓			✓			✓		
LEADERSHIP	12	Takes an active role in decision making			✓			✓			✓			✓			✓	
	13	Expresses self with confidence			✓			✓			✓			✓			✓	
	14	Ideas expressed accepted by others			✓			✓			✓			✓			✓	
	15	Sought out by others to accomplish a task			✓			✓			✓			✓			✓	
General Characteristic/ Behavioral aspects Characteristic	16	Command over English Language			✓			✓			✓			✓			✓	
	17	Can write the answer to the question precisely			✓			✓			✓			✓			✓	
	18	Conceptual understanding			✓			✓			✓			✓			✓	
	19	Timely submission of allocated work			✓			✓			✓		✓			✓	✓	
	20	Interacts with faculty frequently			✓			✓			✓			✓			✓	

Mahesh
Class Teacher

Mahesh
Mentor





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ADP-9A	Questionnaire for Identifying Advanced & Slow Learners	Academic Year: 2020-21
Issue No: 02		Semester: 1
Revision No: 0		
Rev. Date: 15/06/2018	Division	

Class: TE CIVIL

Domain	Sr. No	Characteristic	Roll Number/Name of Student	Rating														
				Kunal shivaji Trakhe			Lohakar Mayur Prabhakar			Harsh Sanjay Mall			Sathwane Shubham Sunil			Prashant Tatyaso Tardale		
				Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	Good	Average	Poor
GENERAL COGNITIVE ABILITY	1	Understanding of complex concepts		✓			✓			✓			✓			✓		
	2	Thrives on application of concept			✓		✓			✓			✓			✓		
	3	Does in-depth investigations			✓		✓			✓			✓			✓		
	4	Learns rapidly in comparison to peers			✓		✓			✓			✓			✓		
	5	Pursues special interests with enthusiasm			✓			✓			✓			✓			✓	
SPECIFIC ACADEMIC ABILITY	6	Operates at a higher level of abstraction than peers			✓		✓			✓			✓			✓		
	7	Discusses and elaborates in detail			✓		✓			✓			✓			✓		
	8	Independent and/or flexible thinker			✓		✓			✓			✓			✓		
CREATIVE THINKING	9	Generates many ideas to solve a given problem			✓		✓			✓			✓			✓		
	10	Creates and invents			✓		✓			✓			✓			✓		
	11	Improvises and sees unique possibilities			✓		✓			✓			✓			✓		
LEADERSHIP	12	Takes an active role in decision making			✓		✓			✓			✓			✓		
	13	Expresses self with confidence			✓		✓			✓			✓			✓		
	14	Ideas expressed accepted by others			✓		✓			✓			✓			✓		
	15	Sought out by others to accomplish a task			✓		✓			✓			✓			✓		
	16	Command over English Language			✓		✓			✓			✓			✓		
General Characteristic/ Behavioral aspects Characteristic	17	Can write the answer to the question precisely			✓		✓			✓			✓			✓		
	18	Conceptual understanding			✓		✓			✓			✓			✓		
	19	Timely submission of allocated work			✓		✓			✓			✓			✓		
	20	Interacts with faculty frequently			✓		✓			✓			✓			✓		

[Signature]
Class Teacher

[Signature]
Mentor





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APF-9A	Questionnaire for Identifying Advanced & Slow Learners	Academic Year: 2020-21
Issue No: 02		Semester: I
Revision No: 0		
Rev. Date: 15/06/2018		

Class: TE CIVIL

Division

Domain	Sr. No	Characteristic	Roll Number/Name of Student	Rating													
				Puroshottam Uttam Datar													
				Good	Average	Poor	Good	Average	Poor	Good	Average	Poor	Good	Average	Poor		
GENERAL COGNITIVE ABILITY	1	Understanding of complex concepts		✓													
	2	Thrives on application of concept			✓												
	3	Does in-depth investigations			✓												
	4	Learns rapidly in comparison to peers			✓												
SPECIFIC ACADEMIC ABILITY	5	Pursues special interests with enthusiasm		✓													
	6	Operates at a higher level of abstraction than peers		✓	✓												
	7	Discusses and elaborates in detail		✓													
CREATIVE THINKING	8	Independent and/or flexible thinker		✓													
	9	Generates many ideas to solve a given problem		✓													
	10	Creates and invents		✓													
	11	Improvises and sees unique possibilities		✓													
LEADERSHIP	12	Takes an active role in decision making			✓												
	13	Expresses self with confidence			✓												
	14	Ideas expressed accepted by others		✓													
	15	Sought out by others to accomplish a task			✓												
General Characteristic/ Behavioral aspects Characteristic	16	Command over English Language			✓												
	17	Can write the answer to the question precisely		✓													
	18	Conceptual understanding			✓												
	19	Timely submission of allocated work			✓												
	20	Interacts with faculty frequently		✓													

Nobin
Class Teacher

Nobin
Mentor





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DEPARTMENT OF CIVIL ENGINEERING

APP-9B	Slow and Advanced learner List	Academic Year: 2020-21
Issue No: 02		Semester: II
Revision No: 0		
Rev. Date: 15/06/2018		

Class: TE Civil

SUB: Foundation Engineering

Slow Learner	
Roll. No.	Name of students
192112	Sathawane Shubham Sunil
192115	Prashant Tatyaso Tardale
192121	SURYAKANT SHASHIKANT SHINDE
192129	Yash Ganesh Marathe
192102	Sanket Tanaji Barne
192130	Mayur Shinde
192194	Goraksh Bhanudash Khose
192175	Rushikesh Hanumant Bodke
192203	Durgesh Kasar
192209	Sonwalkar Dattatray Laxman
182068	Rahul Kamlesh Sharma
161108	Deme Akshay Sambhaji
192217	PURUSHOTTAM UDDHAORAO DATTAR

Roll. No.	Name of students
181011	Lavina Marselline Ruzario
181002	Abhijeet Manoj Sahani
171019	Kamble Vaibhav Arun
171025	Prasad Madhukar Tumade
192123	Barl Deepak Umakant
192120	Rushabh Kantilal Solanki
192106	Sainath Bhaguji Yevle
192107	Aniket Nandu Daunde
192070	Soham Sunil Ingulkar
192101	Rodge Mukesh Shivputra
192065	Sachin Gunaji Shirgaonkar
192060	Gaurav Someshwar Budge
192115	Vinodkumar Laxmarao Nageshwar
192150	Ajinkya Sanjay Wagh
192196	Iram Tariq Kadri
192191	Pandey Kartikey Ramkishor
192193	Priyanka Rakesh Singh
192188	Reygan Rajan Kotwal
192198	Pathan Dastagir Chandkhan
192218	Siddharth Rajesh Jaiswal
192210	kunal shivaji rakshe
192216	Lohekar Mayur Prabhakar
192214	Harish Sanjay Mali

Nalini
Class Teacher

Nalini
Mentor

Rohit
Head of Department
Head

Civil Engineering Department
Suman Ramesh Tulsiani Technical Campus
Faculty of Engineering, Khamshet,
Pune - 410405.





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APF-9C	Assignment No. I(B)	Academic Year: 2020-21.
Issue No.:02		Semester: II
Revision No: 0		
Rev. Date: 15/06/2018		

Class : TE Civil
Subject : Foundation Engineering
Topic : Subsurface Investigations for Foundations

Date of Issue :
Date of submission:
Name of Faculty : Prof. A.S.Patil.

1. Define shallow and deep foundations.
2. What are various methods of soil investigations.
3. A footing $2m^2$ rest on soft clay soil with its base at a depth 1.5m from ground surface.
Using skempton's equation determine net safe bearing capacity of footing for the subsoil properties $C_u = 80 \text{ kN/m}^2$, $du = 0$, assume F.S. = 3.0.
4. Explain SPT method for soil investigation.
5. Estimate average immediate settlement from the following data.
 - I. Footing = $4m \times 2m$
 - II. Depth of Foundation = 2m
 - III. $E = 48000 \text{ kN/m}^2$, $\mu = 0.5$
 - IV. Contact pressure = 200 kN/m^2 , $\mu_0 = 0.78$, $\mu_1 = 0.84$

