

127, Govt Polytechnic College, Tiruvannamalai 606 705

BOARD EXAMINATIONS, OLD QUESTIONS AND ITS ANSWER KEY

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First Year (1 & 2 Semester)

Board Exam Question paper

Sem ester	Subject Code	Subject Name (1&2 Semester) First Year	Oct-19	Apr-19	Oct-18	Apr-18	Oct-17	Apr-17	Oct-16
1	30011	COMMUNICATION ENGLISH - I	817	159	798	565	273	507	157
1	30012	ENGINEERING MATHEMATICS - I	733	771	427	141	737	763	819
1	30013	ENGINEERING PHYSICS - I	199	294	538	623	195	132	266
1	30014	ENGINEERING CHEMISTRY - I	401	348	649	496	989	906	638
1	30015	ENGINEERING GRAPHICS - I	249	915	316	204	561	249	375
2	30021	COMMUNICATION ENGLISH - II	384	573	886	312	842	216	964
2	30022	ENGINEERING MATHEMATICS - II	456	602	914	278	414	542	482
2	30023	APPLIED MATHEMATICS	672	827	177	846	251	471	123
2	30024	ENGINEERING PHYSICS - II	948	786	272	687	628	825	753
2	30025	ENGINEERING CHEMISTRY - II	591	257	381	935	693	658	404
2	30026	ENGINEERING GRAPHICS - II	105	411	805	729	306	384	591

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Civil Engineering			Oct-19	Apr-19	Oct-18	Apr-18	Oct-17	Apr-17	Oct-16							
Semester	Subject Code	Subject Name (Mechanical)	Question	Key	Question	Key	Question	Key	Question	Key	Question	Key	Question	Key		
3	31031	ENGINEERING MECHANICS	204	204	403	403	788	788	673	673	534	534	485	485	386	386
3	31032	CONSTRUCTION MATERIALS AND CONSTRUCTION PRACTICE	231	231	465	465	726	726	609	609	519	519	423	423	312	312
3	31033	SURVEYING - I	285	285	469	469	763	763	656	656	582	582	469	469	345	345
3	31034	CIVIL ENGINEERING DRAWING - I	276	276	448	448	711	711	625	625	557	557	441	441	361	361
4	31041	THEORY OF STRUCTURES	312	312	105	105	816	846	726	726	603	603	501	501		
4	31042	TRANSPORTATION ENGINEERING	375	375	189	189	898	898	791	791	698	698	594	594		
4	31043	SURVEYING - II	348	348	134	134	843	843	745	745	645	645	567	567		
4	31044	ESTIMATING AND COSTING - I	393	393	176	176	824	824	702	702	661	661	525	525		
5	31051	STRUCTURAL ENGINEERING	402	402	924	924	207	207	314	314	226	226				
5	31052	ENVIRONMENTAL ENGINEERING AND POLLUTION CONTROL	447	447	953	953	276	276	387	387	271	271				
5	31054	CIVIL ENGINEERING DRAWING - II	429	429	976	976	244	244	358	358	263	299				
5	31071	ADVANCED CONSTRUCTION TECHNOLOGY	483	483	957	957	292	292	332	332	299	258				
5	31072	REMOTE SENSING AND GIS	411	411	908	908					258	204				
5	31073	SOIL MECHANICS AND FOUNDATION ENGINEERING	465	465	995	995	280	280	363	363	204	245				
5	31074	WATER RESOURCES MANAGEMENT	474	474	941	941	255	255	349	349	245	534				
6	31061	CONSTRUCTION MANAGEMENT WITH MIS	762	762	555	555	232	232	915	915						
6	31062	HYDRAULICS	744	744	589	589	195	195	963	963						
6	31064	ESTIMATING AND COSTING - II	798	798	503	503	114	114	994	994						
6	31081	STEEL STRUCTURES	735	735	541	541	106	106	901	901						
6	31082	TOWN PLANNING	726	726	526	526	199	199	928	928						
6	31083	EARTHQUAKE ENGINEERING	708	708	562	562	142	142	932	932						
6	31084	BUILDING SERVICES	717	717	578	578	159	159	957	957						

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Mechanical Engineering			Oct-19		Apr-19		Oct-18		Apr-18		Oct-17		Apr-17		Oct-16	
Sem	Subject Code	Subject Name (Mechanical)	Question	Key	Question	Key	Question	Key	Question	Key	Question	Key	Question	Key	Question	Key
3	32031	STRENGTH OF MATERIALS	303	303	204	204	339	339	123	123	924	924	822	822	735	735
3	32032	MANUFACTURING PROCESSES	352	352	281	281	384	384	167	167	958	958	832	832	757	757
3	32033	MACHINE DRAWING	325	325	253	253	357	357	195	195	907	907	868	868	771	771
4	32041	HEAT POWER ENGINEERING	537	537	906	906	546	546	429	429	303	303	222	222		
4	32042	SPECIAL MACHINES	512	512	974	974	591	591	441	441	385	385	245	245		
4	32043	FLUID MECHANICS AND FLUID POWER	565	565	921	921	573	573	484	484	321	321	279	279		
4	32044	ELECTRICAL DRIVES AND CONTROL	509	509	983	983	564	564	468	468	346	346	293	293		
5	32051	DESIGN OF MACHINE ELEMENTS	654	654	843	843	708	708	807	807	777	777				
5	32052	THERMAL AND AUTOMOBILE ENGINEERING	686	686	896	896	767	767	855	855	792	792				
5	32053	PROCESS PLANNING AND COST ESTIMATION	678	678	807	807	775	775	832	832	739	739				
5	32071	TOTAL QUALITY MANAGEMENT	602	602	858	858	744	744	891	891	714	714				
5	32072	PRESS TOOLS	631	631	814	814	793	793	813	813	745	745				
5	32073	RENEWABLE ENERGY SOURCES AND ENERGY CONSERVATION	623	623	862	862	786	786	876	876	763	763				
6	32061	INDUSTRIAL ENGINEERING AND MANAGEMENT	753	753	114	114	429	429	231	231						
6	32062	COMPUTER AIDED DESIGN AND MANUFACTURING	706	706	165	165	478	478	275	275						
6	32081	MECHANICAL INSTRUMENTATION	784	784	138	138	442	442	293	293						
6	32082	ROBOTICS	739	739	171	171	475	475	246	246						

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EEE			Oct-19	Apr-19	Oct-18	Apr-18	Oct-17	Apr-17	Oct-16							
Semester	Subject Code	Subject Name	Question	Key	Question	Key	Question	Key	Question	Key	Question	Key	Question	Key	Question	Key
3	33031	ELECTRICAL CIRCUIT THEORY	444	444	757	757	153	153	976	976	818	818	768	768	648	648
3	33032	ELECTRICAL MACHINES - I	438	438	708	708	168	168	906	906	834	834	702	702	619	619
3	34031	ELECTRONIC DEVICES AND CIRCUITS	501	501	222	222	915	915	825	825	718	718	666	666	504	504
4	33041	ELECTRICAL MACHINES - II	546	546	357	357	249	249	114	114	915	915	816	816		
4	33042	MEASUREMENTS AND INSTRUMENTS	572	572	395	395	268	268	178	178	972	972	883	883		
4	33044	TRANSDUCERS AND SIGNAL CONDITIONERS	595	595	354	354	275	275	135	501	995	995	857	857		
4	34043	DIGITAL ELECTRONICS	175	175	197	197	348	348	501	135	408	408	333	333		
5	33051	GENERATION, TRANSMISSION AND SWITCHGEAR	645	645	141	141	402	402	321	321	218	218				
5	33053	ELECTRICAL ESTIMATION AND ENERGY AUDITING	612	612	102	102	465	465	373	373	294	294				
5	33071	CONTROL OF ELECTRICAL MACHINES	647	647	178	178	483	483	392	392	233	233				
5	33072	PROGRAMMABLE LOGIC CONTROLLER	679	679	117	117	456	456	307	307	252	252				
5	34052	MICROCONTROLLER	264	264	413	413	555	555	786	786	653	653				
6	33061	DISTRIBUTION AND UTILIZATION	852	852	717	717	609	609	447	447						
6	33062	OPERATION AND MAINTENANCE OF ELECTRICAL EQUIPMENT	807	807	705	705	632	632	472	472						
6	33081	POWER ELECTRONICS	876	876	769	769	675	675	453	453						
6	34062	BIO-MEDICAL INSTRUMENTATION	395	395	701	701	884	884	407	407						
6	34682	COMPUTER HARDWARE AND NETWORKS	719	719	285	285	979	979	184	184						

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ECE			Oct-19	Apr-19	Oct-18	Apr-18	Oct-17	Apr-17	Oct-16							
Semester	Subject Code	Subject Name	Question	Key	Question	Key	Question	Key	Question	Key	Question	Key	Question	Key		
3	34031	ELECTRONIC DEVICES AND CIRCUITS	501	501	222	222	915	915	825	825	718	718	666	666	504	504
3	34032	ELECTRICAL CIRCUITS AND INSTRUMENTATION	569	569	276	276	942	942	887	887	752	752	644	644	559	559
3	34033	PROGRAMMING IN C	582	582	299	299	985	985	843	843	799	799	699	699	593	593
4	34041	INDUSTRIAL ELECTRONICS	141	141	168	168	303	303	519	519	432	432	312	312		
4	34042	COMMUNICATION ENGINEERING	127	127	109	109	375	375	578	578	477	477	357	357		
4	34043	DIGITAL ELECTRONICS	175	175	197	197	348	348	501	501	408	408	333	333		
4	34044	LINEAR INTEGRATED CIRCUITS	193	193	142	142	331	331	592	592	494	494	398	398		
5	34051	ADVANCED COMMUNICATION SYSTEMS	222	222	438	438	501	501	744	744	615	615				
5	34052	MICROCONTROLLER	264	264	413	413	555	555	786	786	653	653				
5	34053	VERY LARGE SCALE INTEGRATION	207	207	495	495	582	582	778	778	676	676				
5	34071	DIGITAL COMMUNICATION	251	251	471	471	577	577	763	763	684	684				
5	34073	ELECTRONIC SYSTEMS DESIGN	298	298	488	488	346	346	954	954	633	633				
5	34272	PROGRAMMABLE LOGIC CONTROLLER	351	351	943	943	466	466			827	827				
6	34061	COMPUTER HARDWARE SERVICING AND NETWORKING	321	321	753	753	825	825	456	456						
6	34062	BIOMEDICAL INSTRUMENTATION	395	395	701	701	884	884	407	407						
6	34081	TELEVISION ENGINEERING	377	377	797	797	866	866	445	445						
6	34082	TEST ENGINEERING	359	359	725	725	857	857	483	483						
6	34083	MOBILE COMMUNICATION	386	386	742	742	848	848	422	422						