

**NATIONAL TESTING AGENCY**  
**Joint Entrance Examination (Main) - January 2020**  
**Final Answer Keys on which score compiled on 17.01.2020**  
**Paper 1 - B.E. / B.Tech**

Exam Date : 07.01.2020

Shift : First

Question ID	Correct Option ID	Question ID	Correct Option ID	Question ID	Correct Option ID
PHYSICS		CHEMISTRY		MATHS	
4050361	4050362	40503626	40503687	40503651	405036171
4050362	4050365	40503627	40503692	40503652	405036178
4050363	40503610	40503628	40503696	40503653	405036181
4050364	40503613	40503629	405036100	40503654	405036184
4050365	40503619	40503630	405036103	40503655	405036189
4050366	40503621	40503631	405036108	40503656	405036192
4050367	40503627	40503632	405036110	40503657	405036197
4050368	40503631	40503633	405036114	40503658	405036199
4050369	40503633	40503634	405036119	40503659	405036206
40503610	40503637	40503635	405036125	40503660	405036209
40503611	40503644	40503636	405036129	40503661	405036212
40503612	40503647	40503637	405036133	40503662	405036215
40503613	40503652	40503638	405036136	40503663	405036219
40503614	40503654	40503639	405036140	40503664	405036225
40503615	40503658	40503640	405036145	40503665	405036227
40503616	40503662	40503641	405036148	40503666	405036232
40503617	40503666	40503642	405036150	40503667	405036236
40503618	40503671	40503643	405036157	40503668	405036242
40503619	40503673	40503644	405036160	40503669	405036246
40503620	40503679	40503645	405036165	40503670	405036249
40503621	10.00	40503646	23.00 to 23.03	40503671	18.00
40503622	60.00	40503647	10.60 to 10.60	40503672	30.00
40503623	600.00	40503648	-2.70 to -2.71	40503673	36.00
40503624	175.00	40503649	1.66 to 1.67	40503674	3.00
40503625	11.00	40503650	2.00 to 2.00	40503675	5.00

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PHYSICS		CHEMISTRY		MATHS	
4050361244	4050364604	4050361269	4050364689	4050361294	4050364774
4050361245	4050364607	4050361270	4050364690	4050361295	4050364777
4050361246	4050364610	4050361271	4050364696	4050361296	4050364780
4050361247	4050364613	4050361272	4050364700	4050361297	4050364784
4050361248	4050364619	4050361273	4050364703	4050361298	4050364789
4050361249	4050364624	4050361274	4050364709	4050361299	4050364793
4050361250	4050364625	4050361275	4050364713	4050361300	4050364796
4050361251	4050364630	4050361276	4050364715	4050361301	4050364801
4050361252	4050364635	4050361277	4050364721	4050361302	4050364803
4050361253	4050364640	4050361278	4050364723	4050361303	4050364810
4050361254	4050364642	4050361279	4050364728	4050361304	4050364812
4050361255	4050364645	4050361280	4050364733	4050361305	4050364818
4050361256	4050364649	4050361281	4050364736	4050361306	4050364821
4050361257	4050364656	4050361282	4050364740	4050361307	4050364826
4050361258	4050364658	4050361283	4050364742	4050361308	4050364830
4050361259	4050364663	4050361284	4050364747	4050361309	4050364832
4050361260	4050364666	4050361285	4050364750	4050361310	4050364835
4050361261	4050364672	4050361286	4050364755	4050361311	4050364842
4050361262	4050364674	4050361287	4050364759	4050361312	4050364845
4050361263	4050364679	4050361288	4050364763	4050361313	4050364848
4050361264	90.00	4050361289	-192.50 OR -85.00	4050361314	29.00
4050361265	40.00	4050361290	5.22 to 5.24	4050361315	13.00
4050361266	6.00	4050361291	0.36 to 0.38	4050361316	5.00
4050361267	75.00	4050361292	18.00 to 18.00	4050361317	4.00
4050361268	12.00	4050361293	9.00 to 9.00	4050361318	54.00

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Question ID	Correct Option ID	Question ID	Correct Option ID	Question ID	Correct Option ID
PHYSICS		CHEMISTRY		MATHS	
4050361469	-----	4050361494	4050365452	4050361519	4050365539
4050361470	4050365371	4050361495	4050365456	4050361520	4050365542
4050361471	4050365374	4050361496	4050365462	4050361521	4050365546
4050361472	4050365380	4050361497	4050365466	4050361522	4050365551
4050361473	4050365382	4050361498	4050365467	4050361523	4050365555
4050361474	4050365388	4050361499	4050365472	4050361524	4050365558
4050361475	4050365391	4050361500	4050365477	4050361525	4050365563
4050361476	4050365395	4050361501	4050365481	4050361526	4050365566
4050361477	4050365400	4050361502	4050365485	4050361527	4050365569
4050361478	4050365405	4050361503	4050365490	4050361528	4050365575
4050361479	4050365409	4050361504	4050365493	4050361529	4050365577
4050361480	4050365412	4050361505	4050365495	4050361530	4050365581
4050361481	4050365416	4050361506	4050365501	4050361531	4050365586
4050361482	4050365421	4050361507	4050365504	4050361532	4050365588
4050361483	4050365422	4050361508	4050365507	4050361533	4050365593
4050361484	4050365426	4050361509	4050365512	4050361534	4050365598
4050361485	4050365431	4050361510	4050365517	4050361535	4050365603
4050361486	4050365437	4050361511	4050365521	4050361536	4050365606
4050361487	4050365441	4050361512	4050365524	4050361537	4050365610
4050361488	4050365444	4050361513	4050365528	4050361538	4050365614
4050361489	580.00	4050361514	4.95 to 4.99	4050361539	8.00
4050361490	1.00	4050361515	48.00 to 48.00	4050361540	672.00
4050361491	106.00 to 107.20	4050361516	-0.93 to -0.94	4050361541	1540.00
4050361492	10.00	4050361517	26.60 to 27.00	4050361542	4.00
4050361493	60.00	4050361518	3.00 to 3.00	4050361543	490.00

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PHYSICS		CHEMISTRY		MATHS	
4050361694	4050366133	4050361719	4050366218	4050361744	4050366303
4050361695	4050366137	4050361720	4050366222	4050361745	4050366308
4050361696	4050366140	4050361721	4050366227	4050361746	4050366310
4050361697	4050366145	4050361722	4050366229	4050361747	4050366316
4050361698	4050366149	4050361723	4050366233	4050361748	4050366320
4050361699	4050366154	4050361724	4050366239	4050361749	4050366322
4050361700	4050366157	4050361725	4050366242	4050361750	4050366328
4050361701	4050366161	4050361726	4050366246	4050361751	4050366332
4050361702	4050366164	4050361727	4050366250	4050361752	4050366333
4050361703	4050366168	4050361728	4050366253	4050361753	4050366339
4050361704	4050366172	4050361729	4050366256	4050361754	4050366341
4050361705	4050366175	4050361730	4050366263	4050361755	4050366345
4050361706	4050366181	4050361731	4050366266	4050361756	4050366351
4050361707	4050366183	4050361732	4050366269	4050361757	4050366355
4050361708	4050366187	4050361733	4050366274	4050361758	4050366360
4050361709	4050366193	4050361734	4050366279	4050361759	4050366363
4050361710	4050366195	4050361735	4050366282	4050361760	4050366366
4050361711	4050366200	4050361736	4050366284	4050361761	4050366370
4050361712	4050366203	4050361737	4050366289	4050361762	4050366375
4050361713	4050366208	4050361738	4050366295	4050361763	4050366380
4050361714	8.00 or 2888.00	4050361739	2120.00 to 2140.00	4050361764	2454.00
4050361715	16.00	4050361740	6.25 to 6.25	4050361765	504.00
4050361716	50.00	4050361741	2.13 to 2.17	4050361766	3.00
4050361717	30.00	4050361742	20.00 to 20.00	4050361767	0.50
4050361718	486.00	4050361743	13.00 to 13.00	4050361768	1.00

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Shift : First

Question ID	Correct Option ID	Question ID	Correct Option ID	Question ID	Correct Option ID
PHYSICS		CHEMISTRY		MATHS	
4050361919	4050366899	4050361944	4050366982	4050361969	4050367069
4050361920	4050366902	4050361945	4050366987	4050361970	4050367070
4050361921	4050366904	4050361946	4050366990	4050361971	4050367076
4050361922	4050366908	4050361947	4050366995	4050361972	4050367079
4050361923	4050366915	4050361948	4050366997	4050361973	4050367085
4050361924	4050366918	4050361949	4050367002	4050361974	4050367086
4050361925	4050366920	4050361950	4050367005	4050361975	4050367091
4050361926	4050366925	4050361951	4050367010	4050361976	4050367095
4050361927	4050366931	4050361952	4050367014	4050361977	4050367100
4050361928	4050366932	4050361953	4050367020	4050361978	4050367103
4050361929	4050366937	4050361954	4050367023	4050361979	4050367108
4050361930	4050366942	4050361955	4050367027	4050361980	4050367111
4050361931	4050366947	4050361956	4050367030	4050361981	4050367117
4050361932	4050366949	4050361957	4050367036	4050361982	4050367121
4050361933	4050366953	4050361958	4050367038	4050361983	4050367124
4050361934	4050366957	4050361959	4050367042	4050361984	4050367127
4050361935	4050366962	4050361960	4050367045	4050361985	4050367132
4050361936	4050366965	4050361961	4050367049	4050361986	4050367137
4050361937	4050366970	4050361962	4050367056	4050361987	4050367140
4050361938	4050366973	4050361963	4050367060	4050361988	4050367144
4050361939	3.00	4050361964	14.00 to 14.00	4050361989	615.00
4050361940	15.00	4050361965	1.74 to 1.76 OR 0.03 to 0.03	4050361990	8.00
4050361941	4.00	4050361966	5.66 to 5.68	4050361991	1.00
4050361942	10.00	4050361967	100.00 to 100.00	4050361992	3.00
4050361943	12.00	4050361968	37.80 to 38.20	4050361993	8.00

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Question ID	Correct Option ID	Question ID	Correct Option ID	Question ID	Correct Option ID
PHYSICS		CHEMISTRY		MATHS	
4050362144	-----	4050362169	4050367747	4050362194	4050367832
4050362145	4050367667	4050362170	4050367750	4050362195	4050367836
4050362146	4050367670	4050362171	4050367757	4050362196	4050367839
4050362147	4050367673	4050362172	4050367758	4050362197	4050367845
4050362148	4050367677	4050362173	4050367762	4050362198	4050367850
4050362149	4050367681	4050362174	4050367768	4050362199	4050367853
4050362150	4050367688	4050362175	4050367773	4050362200	4050367856
4050362151	4050367691	4050362176	4050367775	4050362201	4050367860
4050362152	4050367694	4050362177	4050367780	4050362202	-----
4050362153	4050367697	4050362178	4050367783	4050362203	4050367867
4050362154	4050367703	4050362179	4050367787	4050362204	4050367873
4050362155	4050367708	4050362180	4050367791	4050362205	4050367875
4050362156	4050367711	4050362181	4050367796	4050362206	4050367882
4050362157	4050367714	4050362182	4050367798	4050362207	4050367884
4050362158	4050367718	4050362183	4050367803	4050362208	4050367888
4050362159	4050367723	4050362184	4050367806	4050362209	4050367893
4050362160	4050367728	4050362185	4050367813	4050362210	4050367897
4050362161	4050367729	4050362186	4050367816	4050362211	4050367899
4050362162	4050367733	4050362187	4050367819	4050362212	4050367904
4050362163	4050367738	4050362188	4050367823	4050362213	4050367910
4050362164	1816.00 to 1820.00	4050362189	2.17 to 2.23	4050362214	51.00
4050362165	-48.00	4050362190	10.00 to 10.00	4050362215	14.00
4050362166	40.00	4050362191	3.98 to 4.00 or -3.98 to -4.00	4050362216	36.00
4050362167	750.00	4050362192	12.00 to 12.00	4050362217	3.00
4050362168	12.00	4050362193	66.65 to 66.70	4050362218	30.00