



KATHMANDU UNIVERSITY

OFFICE OF THE CONTROLLER OF EXAMINATIONS

Dhulikhel, P.O. Box 6250, Kathmandu, Nepal

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February 11, 2018

NOTICE

End Semester Examinations of B.E./B.Sc./B.Pharm./B.Tech./B. Arch. will be held beginning February 23, 2018 as follow:

- | | | | |
|----|-----------------------|---|-----------------------------------|
| 1. | Examination Schedules | : | As per attached sheets (3 Pages). |
| 2. | Examination Time | : | 11.00 A. M. to 2.00 P. M. |
| 3. | Examination Center | : | Kathmandu University, Dhulikhel. |

Prof. Panna Thapa, Ph. D.
Controller of Examinations

Note: Examinations will be conducted as per this schedule and under no circumstance the dates and times will be changed unless the University publishes prior notice.



KATHMANDU UNIVERSITY
School of Science/ School of Engineering
End-Semester Examinations
February /March, 2018

Date/ Day	I – I	II – I	II – II	III – I	III – II	IV-I
February 23 Friday						COMP 421
February 26 Monday	CHEM 101 ARCH 101			EEEG 314 MEEG 315 COMP 307 GEOM 317 CHEG 301 INAN 301 PHYS 301		ETEG 408 EPEG 413 COMP 401
February 27 Tuesday		MATH 207 MATH 206 BIOT 203 STAT 201	MATH 207			MEPP 412 GEOM 401 CIEG 404 MGTS 402 BIOT 401 PHYS 401
February 28 Wednesday	ENGT 101 ENGT 103	MATH 208		CIEG 301	MATH 322	
March 4 Sunday		EEEG 202 MEEG 216 MATH 205 ENVS 212 PHAR 201 BIOT 201 HBIO 201 MATH 201	MCSC 202		COMP 323	GEOM 402 CIEG 402 ENVS 431 PHAR 408 BIOT 403 PHYS 402
March 5 Monday	PHYS 101 ARCH 111			COEG 304 EPEG 302 CIEG 303 COMP 342 GEOM 316 CHEG 302 ENVS 345 ENVE 309 PHAR 303 BIOT 303 MATH 301		MGTS 403
March 6 Tuesday		EEEG 204 ENVS 211 PHAR 216				
March 7 Wednesday		EEEG 207 COMP 202 GEOM 201 CIEG 204 BIOT 204 CHEM 212 PHYS 202				GEOM 405 CIEG 406 ENVS 423 ENVS 440 ENVE 432 PHAR 406 BIOT 406 PHYS 405

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KATHMANDU UNIVERSITY
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February /March, 2018

Date/ Day	I – I	II – I	II – II	III – I	III – II	IV-I
March 8 Thursday	MATH 101 MATH 111 MATH 105		COMP 204		COMP 302	ETEG 402 COEG 401 MEPP 427 COMP 472
March 9 Friday				MGTS 301 ENVS 338 BIOT 301 PHYS 303		
March 11 Sunday		EEEG 211 MEEG 217 GEOM 205 CIEG 201 ENVS 207 CHEM 201 PHYS 201			COMP 314	
March 12 Monday	ENGG 111 BIOL 101		COMP 231			ETEG 422 EPEG 422 COMP 478 MEPP 429 MEPP 439 GEOM 411 CIEG 403 ENVS 413 ENVS 404 PHAR 404 BIOT 410 PHYS 403
March 13 Tuesday				ETEG 302 EPEG 317 MEEG 306 COMP 301 COMP 317 GEOM 318 CIEG 305 CHEG 303 ENVS 332 PHAR 301 BIOT 302 PHYS 302		
March 14 Wednesday	COMP 103 COMP 101				COMP 341	

Pranesh
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KATHMANDU UNIVERSITY
 School of Science/ School of Engineering
End-Semester Examinations
 February /March, 2018

Date/ Day	I – I	II – I	II – II	III – I	III – II	IV-I
March 15 Thursday		MEEG 213 CIEG 202 ENVS 201 PHAR 203 MEEG 218 BIOT 202 HBIO 204 PHYS 203	COMP 232			ETEG 429 ETEG 427 EPEG 410 EPEG 411 MEPP 403 COMP 484 CIEG 401 GEOM 416 GEOM 417 ENVS 402 PHAR 402 BIOT 416 PHYS 404
March 16 Friday		EEEG 213 GEOM 202		EEEG 313 MEEG 301 COMP 315 GEOM 303 CIEG 304 CHEG 304 ENVS 328 BIOT 304 MATH 302 ENVE 207 PHAR 304		
March 18 Sunday		MEEG 219 PHYS 206 ENVE 204 PHAR 204		CIEG 302 ENVS 333	MEEG 308	COMP 407 CIEG 408 CIEG 409 GEOM 406 ENVS 415 PHAR 401 ENVE 433 BIOT 409
March 19 Monday		MCSC 201 CIEG 203 BIOT 205 MATH 204 CHEG 201		CHEG 311 MATH 303 COMP 316		
March 20 Tuesday		CHEM 207		CIEG 306		
March 21 Wednesday		ENVE 209			COMP 409 MEEG 309 CIEG 311	COMP 409 CIEG 405 ENVS 435 PHAR 422

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KATHMANDU UNIVERSITY
School of Science/ School of Engineering
End Semester Examinations
February/ March, 2018

Department of Electrical & Electronics Engineering			Department of Mechanical Engineering		
Course No.	Course Title	Credit	Ist year Ist Semester		
MATH 101	Calculus and Linear Algebra	3	Course No.	Course Title	Credit
PHYS 101	General Physics I	3	MATH 101	Calculus and Linear Algebra	3
CHEM 101	General Chemistry	3	PHYS 101	General Physics I	3
ENGG 111	Elements of Engineering I	3	CHEM 101	General Chemistry	3
COMP 103	Structured Programming	2	ENGG 111	Elements of Engineering I	3
ENGT 101	Communication Skills I	2	COMP 103	Structured Programming	2
IInd year Ist Semester			ENGT 101	Communication Skills I	2
Course No.	Course Title	Credit	IInd year Ist Semester		
MATH 207	Differential Equations and Complex Variables	4	Course No.	Course Title	Credit
EEEG 202	Digital Logic	3	MATH 207	Differential Equations and Complex Variables	4
EEEG 207	Electrical Engineering Materials	3	MEEG 213	Material Science and Metallurgy	3
EEEG 211	Electronics Engineering I	3	MEEG 216	Engineering Mechanics	3
EEEG 213	Network Analysis	3	MEEG 217	Basic Manufacturing Processes	3
IIInd year Ist Semester			MEEG 219	Metrology	2
EE (Communication)			EEEG 204	Basic Electronics	2
Course No.	Course Title	Credit	IIInd year Ist Semester		
EEEG 313	Signals and Systems	3	Course No.	Course Title	Credit
EEEG 314	Microprocessors	3	MEEG 301	Fluid Mechanics	3
COEG 304	Instrumentation and Control	3	MEEG 306	Heat Transfer	3
ETEG 302	Analog Communications	3	MEEG 315	Machine Element Design and Process I	3
MGTS 301	Engineering Economics	3	COEG 304	Instrumentation and Control	3
EE (Power & Control)			MGTS 301	Engineering Economics	3
Course No.	Course Title	Credit	IVth year Ist Semester		
EEEG 313	Signals and Systems	3	Course No.	Course Title	Credit
EEEG 314	Microprocessors	3	MEPP 403	Refrigeration and Air Conditioning	3
EPEG 302	Advanced Electrical Machinery	3	MEPP 412	Automobile Engineering	3
EPEG 317	Measurement & Instrumentation	3	MEPP 427	Mechatronics	3
MGTS 301	Engineering Economics	3	MGTS 403	Engineering Management	3
IVth year Ist Semester			<i>Elective (Choose One)</i>		
EE (Communication)			MEPP 439	Hydropower Plant Engineering	3
Course No.	Course Title	Credit	MEPP 429	Computer Aided Design	3
ETEG 402	Antennas and Propagation	3	Department of Computer Science & Engineering		
ETEG 408	Microwave Devices & Systems	3	Computer Engineering		
ETEG 422	Optical Fiber Communication	3	Ist year Ist Semester		
MGTS 403	Engineering Management	3	Course No.	Course Title	Credit
<i>Elective (Choose One)</i>			MATH 101	Calculus and Linear Algebra	3
ETEG 429	Cellular Mobile Communication	3	PHYS 101	General Physics I	3
ETEG 427	Satellite Communication and Broadcasting	3	CHEM 101	General Chemistry	3
EE (Power & Control)			ENGG 111	Elements of Engineering I	3
Course No.	Course Title	Credit	COMP 103	Structured Programming	2
COEG 401	Control Systems Design	3	ENGT 101	Communication Skills I	2
EPEG 413	Power Systems II	3	IInd year Ist Semester		
EPEG 422	Solid State Drives	3	Course No.	Course Title	Credit
MGTS 403	Engineering Management	3	MATH 208	Statistics & Probability	3
<i>Elective (Choose One)</i>			MCSC 201	Discrete Structure	3
EPEG 410	Hydropower and Renewable Energy	3	EEEG 202	Digital Logic	3
EPEG 411	Power Systems Planning and Operation	3	EEEG 211	Electronics Engineering I	3
			COMP 202	Data Structures and Algorithms	3

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KATHMANDU UNIVERSITY
School of Science/ School of Engineering
End Semester Examinations
February/ March, 2018

IIIrd year Ist Semester			IIIrd year IInd Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
COMP 301	Principle of Programming Languages	3	MATH 322	Combinatory	3
COMP 307	Operating Systems	3	COMP 302	System Analysis and Design	3
COMP 315	Computer Architecture & Organization	3	COMP 314	Algorithms & Complexity	3
COEG 304	Instrumentation and Control	3	COMP 341	Human Computer Interaction	3
MGTS 301	Engineering Economics	3	COMP 323	Graph Theory	3
			COMP 409	Compiler Design	3
			COMP 308	Combined Engineering Project II	1
IVth year Ist Semester			IVth year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
COMP 401	Software Engineering	3	COMP 401	Software Engineering	3
COMP 407	Digital Signal Processing	3	COMP 472	Artificial Intelligence	3
COMP 409	Compiler Design	3	MGTS 403	Engineering Management	3
COMP 472	Artificial Intelligence (AI)	3			
MGTS 403	Engineering Management	3			
<i>Elective (Choose any Two)</i>			<i>Elective (Choose any Two)</i>		
COMP 421	Software Architecture	3	COMP 421	Software Architecture	3
COMP 484	Machine Learning	3	COMP 484	Machine Learning	3
COMP 478	Cloud Computing	3	COMP 478	Cloud Computing	3
Computer Science			Department of Civil and Geomatics Engineering		
Ist year Ist Semester			Geomatics Engineering		
Course No.	Course Title	Credit	Ist year Ist Semester		
MATH 101	Calculus and Linear Algebra	3	Course No.	Course Title	Credit
PHYS 101	General Physics I	3	MATH 101	Calculus and Linear Algebra	3
CHEM 101	General Chemistry	3	PHYS 101	General Physics I	3
ENGG 111	Elements of Engineering I	3	CHEM 101	General Chemistry	3
COMP 103	Structured Programming	2	ENGG 111	Elements of Engineering I	3
ENGT 101	Communication Skills I	2	COMP 103	Structured Programming	2
			ENGT 101	Communication Skills I	2
IInd year Ist Semester			IInd year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
MATH 208	Statistics & Probability	3	MATH 207	Differential Equations and Complex Variables	4
MCSC 201	Discrete Structure	3	MATH 205	Trigonometry & Analytical Geometry	3
EEEG 202	Digital Logic	3	GEOM 201	Introduction to Surveying & Geomatics	2
EEEG 211	Electronics Engineering I	3	GEOM 202	Control Surveying	4
COMP 202	Data Structures and Algorithms	3	GEOM 205	Topographical Surveying	3
IInd year IInd semester			IIIrd year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
MCSC 202	Numerical Methods	3	GEOM 303	Engineering & Construction Survey	3
MATH 207	Differential Equations and Complex Variables	4	GEOM 316	Photogrammetry	4
COMP 204	Communication & Networking	3	GEOM 317	Physical Geodesy	3
COMP 231	Microprocessors & Assembly Language	3	MGTS 301	Engineering Economics	3
COMP 232	Database Management System	3	GEOM 318	Spatial Database Management	3
IIIrd year Ist Semester			IVth year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
COMP 307	Operating Systems	3	GEOM 401	Survey Management	3
COMP 315	Computer Architecture & Organization	3	GEOM 402	Remote Sensing	3
COMP 316	Theory of Computation	3	CIEG 405	Entrepreneurship and Ethics	3
COMP 317	Computational Operation Research	4	GEOM 405	Web GIS	3
COMP 342	Computer Graphic	3	GEOM 406	Spatial Data Infrastructure	2
MGTS 301	Engineering Economics	3	GEOM 411	Python Programming	3
			<i>Elective (Choose any One)</i>		
			GEOM 416	Geodetic Astronomy	3
			GEOM 417	Precise Point Positioning	3

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Civil Engineering			IInd year Ist Semester		
Ist year Ist Semester			Course No. Course Title Credit		
MATH 101	Calculus and Linear Algebra	3	MATH 206	Statistical Analysis	3
PHYS 101	General Physics I	3	CHEM 207	Organic Chemistry	2
CHEM 101	General Chemistry	3	ENVS 201	Environmental Chemistry	2
ENGG 111	Elements of Engineering I	3	PHYS 206	Environmental Physics	2
COMP 103	Structured Programming	2	ENVS 207	Natural Resource Management	3
ENGT 101	Communication Skills I	2	ENVS 211	Principles of Ecology	2
			ENVS 212	Biodiversity & Taxonomy	3
IInd year Ist Semester			IIInd year Ist Semester		
Course No. Course Title Credit			Course No. Course Title Credit		
MATH 207	Differential Equations and Complex Variables	4	INAN 301	Instrumental Analysis	3
MATH 205	Trigonometry & Analytical Geometry	3	INAN 302	Instrumental Analysis Laboratory	2
CIEG 201	Construction Material and Concrete Technology	3	ENVS 328	Conservation Biology	3
CIEG 202	Engineering Survey I	3	ENVS 332	Geology and Geomorphology	3
CIEG 203	Applied Mechanics	3	ENVS 333	Meteorology & Climatology	2
CIEG 204	Fluid Mechanics	3	ENVS 338	Bioengineering	3
			ENVS 345	Environmental Sociology and Human Ecology	3
IIIrd year Ist Semester			IVth year Ist Semester		
Course No. Course Title Credit			Course No. Course Title Credit		
CIEG 301	Hydraulic and River Engineering	3	ENVS 402	Environmental Impact Assessment	3
CIEG 302	Remote Sensing and GIS	2	ENVS 413	Urbanization and Sustainable Development	3
CIEG 303	Soil and Rock Mechanics	3	ENVS 415	Fundamentals of Aquatic Ecology	3
CIEG 304	Hydraulic Structures	3	ENVS 431	Municipal and Hazardous Waste	3
CIEG 305	Structural Analysis I	3	ENVS 435	Integrated Watershed Management	3
CIEG 306	Estimation and Valuation	2	MGTS 402	Entrepreneurship Development	3
MGTS 301	Engineering Economics	3	<i>Elective (Choose ONE)</i>		
			ENVS 423	Glacier Environments	3
			ENVS 440	Agriculture and Environment	3
IVth year Ist Semester			Environmental Engineering		
Course No. Course Title Credit			Ist year Ist Semester		
CIEG 401	Transportation Engineering	3	Course No. Course Title Credit		
CIEG 402	Steel and Timber Structures	3	MATH 101	Calculus and Linear Algebra	3
CIEG 403	Construction Management	3	PHYS 101	General Physics I	3
CIEG 404	Environmental and Social Engineering	3	CHEM 101	General Chemistry	3
CIEG 405	Entrepreneurship and Ethics	3	ENGG 111	Elements of Engineering I	3
CIEG 406	Hydropower Engineering II	3	COMP 103	Structured Programming	2
<i>Choose One (Elective)</i>			ENGT 101	Communication Skills I	2
CIEG 408	Tunneling and Underground Structures	3			
CIEG 409	Building Construction	3			
Bachelor of Architecture (B. Arch.)			IInd year Ist Semester		
Ist year Ist Semester			Course No. Course Title Credit		
Course No. Course Title Credit			MATH 207	Differential Equations and Complex Variable	4
MATH 105	Engineering Mathematics I	3	ENVS 211	Principles of Ecology	2
ENGT 103	Communication Skills I	2	ENVE 204	Chemical Process Calculation	2
ARCH 111	History of Architecture I	3	ENVE 209	Engineering and Environmental Survey	3
ARCH 101	Building Sciences I	3			
Department Environmental Science & Engineering			MEEG 218	Fluid Mechanics	3
Environmental Science			MEEG 216	Engineering Mechanics	3
Ist year Ist Semester			CIEG 201	Construction Material and Concrete Technology	3
Course No. Course Title Credit					
MATH 111	Calculus and Algebra	3			
PHYS 101	General Physics I	3			
CHEM 101	General Chemistry	3			
BIOL 101	General Biology	2			
COMP 101	Information Systems Technology	2			
ENGT 101	Communication Skills I	2			

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IIIrd year Ist Semester		
Course No.	Course Title	Credit
ENVE 207	Engineering Geology	3
INAN 301	Instrumental Analysis	3
ENVS 333	Meteorology & Climatology	2
ENVE 309	Water Supply and Sanitary Engineering	3
CIEG 305	Structural Analysis I	3
MGTS 301	Engineering Economics	3
IVth year Ist Semester		
Course No.	Course Title	Credit
ENVS 402	Environmental Impact Assessment	3
ENVS 404	Environmental Modelling	3
ENVS 431	Municipal & Hazardous Waste	3
ENVE 432	Water and Wastewater Technology	3
ENVE 433	Air and Noise Pollution Control	3
MGTS 402	Entrepreneurship Development	3
Department of Pharmacy		
Ist year Ist Semester		
Course No.	Course Title	Credit
MATH 111	Calculus and Linear Algebra	3
PHYS 101	General Physics I	3
CHEM 101	General Chemistry	3
BIOL 101	General Biology	2
COMP 101	Information Systems Technology	2
ENGT 101	Communication Skills I	2
IIInd year Ist Semester		
Course No.	Course Title	Credit
MATH 206	Statistical Analysis	3
CHEM 201	Reaction Mechanism & Stereochemistry	3
PHAR 201	Pharmaceutical Microbiology	3
PHAR 203	Human Physiology & Pathophysiology I	3
PHAR 204	Pharmacognosy I	2
PHAR 216	Inorganic Pharmaceutical Chemistry	2
IIIrd year Ist Semester		
Course No.	Course Title	Credit
INAN 301	Instrumental Analysis	3
PHAR 301	Physical Pharmacy	3
PHAR 303	Pharmacology & Toxicology I	3
PHAR 304	Pharmaceutical Chemistry of Natural Products	3
MGTS 301	Economics	3
IVth year Ist Semester		
Course No.	Course Title	Credit
PHAR 401	Pharmacy Practice I	2
PHAR 402	Hospital Pharmacy	2
PHAR 404	Industrial Pharmacy I	3
PHAR 406	Quality Assurance & GMP	2
PHAR 408	Pharmacotherapeutics	3
MGTS 402	Entrepreneurship Development	3

Department of Bio-technology		
Ist year Ist Semester		
Course No.	Course Title	Credit
MATH 111	Calculus and Linear Algebra	3
PHYS 101	General Physics I	3
CHEM 101	General Chemistry	3
BIOL 101	General Biology	2
COMP 101	Information Systems Technology	2
ENGT 101	Communication Skills I	2
IIInd year Ist Semester		
Course No.	Course Title	Credit
BIOT 201	Microbiology	3
BIOT 202	Genetics	3
BIOT 203	Biochemistry	3
BIOT 204	Principle of Biochemical Engineering	3
BIOT 205	Cell Biology	3
CHEM 201	Reaction Mechanism & Stereochemistry	3
IIIrd year Ist Semester		
Course No.	Course Title	Credit
INAN 301	Instrumental Analysis	3
INAN 351	Instrumental Analysis Laboratory	1
BIOT 301	Downstream Processing	3
BIOT 302	Molecular Biology-II	3
BIOT 303	Plant Biotechnology	3
BIOT 304	Animal Cell Culture Technology	2
IVth year Ist Semester		
Course No.	Course Title	Credit
BIOT 401	Industrial Biotechnology	3
BIOT 403	Total Quality Management	3
Choose any two (Elective)		
BIOT 406	Herb and Herbal Production	3
BIOT 409	Immunotechnology	3
BIOT 410	Cancer Biology	3
BIOT 416	Food Processing and Preservation	3
Department of Natural Sciences		
Human Biology		
IIInd year Ist Semester		
Course No.	Course Title	Credit
MATH 206	Statistical Analysis	3
CHEM 201	Reaction Mechanism & Stereochemistry	3
CHEM 212	Quantitative Analysis	3
HBIO 201	Microbiology	3
HBIO 204	Developmental Biology	3
Applied Physics		
Ist year Ist Semester		
Course No.	Course Title	Credit
MATH 101	Calculus and Linear Algebra	3
PHYS 101	General Physics I	3
CHEM 101	General Chemistry	3
COMP 101	Information Systems Technology	2
BIOL 101	General Biology	2
ENGT 101	Communication Skills I	2

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IInd year Ist Semester		
Course No.	Course Title	Credit
PHYS 201	General Electronics	3
PHYS 202	Mechanics of Solids and Fluids	3
PHYS 203	Modern Physics	3
MATH 201	Advanced Calculus	3
MATH 204	Analytical Geometry	3
STAT 201	Probability Theory	3

IIInd year Ist Semester		
Course No.	Course Title	Credit
PHYS 301	Physics & Environment	3
PHYS 302	Mathematical Physics	3
PHYS 303	Solid State Physics	3
MATH 301	Discrete Mathematics	3
MATH 302	Matrix Theory	3
MATH 303	Linear Programming	3

IVInd year Ist Semester		
Course No.	Course Title	Credit
PHYS 401	Engineering Physics	3
PHYS 402	Introduction to Plasma Physics	3
PHYS 403	Physics of Nano-materials	3
PHYS 404	Photonics and Application	3
PHYS 405	Computational Physics	3

Department of Chemical Engineering		
Course No.	Course Title	Credit
MATH 101	Calculus and Linear Algebra	3
PHYS 101	General Physics I	3
CHEM 101	General Chemistry	3
ENGG 111	Elements of Engineering I	3
COMP 103	Structured Programming	2
ENGT 101	Communication Skills I	2

IInd year Ist Semester		
Course No.	Course Title	Credit
MATH 207	Differential Equations and Complex Variables	4
MEEG 213	Material Science and Metallurgy	3
MEEG 216	Engineering Mechanics	3
EEEG 204	Basic Electronics	2
CHEM 201	Reaction Mechanism & Stereochemistry	3
CHEG 201	Chemical Process Calculation	3

IIInd year Ist Semester		
Course No.	Course Title	Credit
CHEG 301	Chemical Reaction Engineering I	3
CHEG 302	Process Control and Instrumentation	3
CHEG 303	Heat Transfer	3
CHEG 304	Biochemical Engineering	3
CHEG 311	Chemical Process Technology II	3
MGTS 301	Engineering Economics	3
CHEG 306	Project Work	2

Computational Mathematics		
Course No.	Course Title	Credit
MATH 101	Calculus and Linear Algebra	3
PHYS 101	General Physics I	3
CHEM 101	General Chemistry	3
ENGG 111	Elements of Engineering I	3
COMP 103	Structured Programming	2
ENGT 101	Communication Skills I	2

Ramkrishna
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