



NAAC Accredited-2015
'B' Grade (CGPA 2.62)

PUNYSHOLK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

Ph.D. Course Work Exam
EXAM AGU/SEP. 2019

EXAM OF 2019

REVISED FINAL PROGRAM OF THE Ph.D. COURSE WORK DEGREE COURSE EXAMINATION TO
BE HELD IN AUG/SEP-2019

1. Students should see their Seat No. and Name in the Name list and mistakes if any should be communicated to this office immediately. All candidates are requested to confirm their Examination Seat No. as well as place of examination on the Notice Board of the University/College mentioned below at least two days before the date of Examination. The candidate should write correct Seat No. on each Answer Book. If candidate writes, wrong Seat No. on Answer Book the performance of such subject will not be considered.
2. Candidates are requested to be present at their respective places of Examinations **FIFTEEN MINUTES** before the time of starting of the first paper and **TEN MINUTES** before the time of starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.

The Centre and Place of Examinations will be as under:

Sr.No.	Center	Place
1	Solapur	Punyashlok Ahilyadevi Holkar Solapur University Campus, Solapur

Note:

- (A) Old Syllabus Students - (Old) - The Students (Old) who have registered before July-2014 have to appear for old syllabus paper.
- (B) New Syllabus Students - (New) - The Students (New) who have registered after July-2014 have to appear for new syllabus paper.
- (C) Old & New Syllabus Students - where (new) / (old) is not Written after paper title, means Paper/syllabus is same for both Syllabus students.
- (D) The students are allowed to use the calculators non programmable for Numerical Calculations at their own cost. University will not supply such calculators.
- (E) Cellular Phone, Pager, Programmable Scientific Calculator & Digital Diary or any means which can be used for unfair practice not allowed in the Examination Hall.
- (F) The Examination Program is subject to change; if there is, any change in the Program of the Examination the University is not responsible for the loss or inconvenience caused to the candidates.
- (G) As per syllabus of M.Phil./Ph.D. Course work of subject (Applied Geology, Chemistry, Education, Marathi) syllabus are same so exam to be held on same day.

Sr. No.	Subject	Paper - I	Paper – II	Paper - III	Paper - IV
		Wednesday 04/09/2019	Thursday 05/09/2019	Friday 06/09/2019	Saturday 07/09/2019
(Time : 11:00 am to 02:00 pm)					
1	Marathi (M.Phil/Ph.D.)	Research Methodology & Information Communication Technology (ICT)	1] Marathi Sahityatil Nave Pravah	2] Marathi Sahityatil Navya Sankalpana (Old)	(Paper -III (New) and Paper –IV(Old) Common 3] A) Madhyaugin Marathi Sahitya Ani Sanshodhan 4] B) Adhunik Marathi Sahitya Ani Sanshodhan
2	English		5] Recent Trends in Critical Theories	6] Modern Trends in Drama Novel and Poetry	7] A) Indian-English Writings 8] B) Subaltern Literature 9] C) Linguists for ELE
3	Hindi		10] Hindi Sahitya – Naye Pravah (old) 11] हिंदी साहित्य : आलोच- टा और विमर्श (New)	12] Hindi Sahitya:Alochana ke Naye Ayam (old) Hindi Sahitya Vidha – (New) 13] A) Hindi Kavya 14] B) Hindi Katha Sahitya 15] C) Hindi Ekanki, Natak Sahitya	Hindi Sahitya Vidha - 16] A) Hindi Kavya 17] B) Hindi Katha Sahitya 18] C) Hindi Natak, Ekanki Sahitya
4	Physics		34] Recent Trends in Physics	35] Modern Topics in Physics (old)	(Paper -III (New) and Paper –IV(Old) Common Advanced Development in Physics - 36] A) Solar Cells and Super Capacitor 37] B) Ferroelectric and Ferrimagnetic Materials 38] C) Solid State Gas Sensor Devices
5	Zoology		45] Recent Trends in Zoology (Old) 46] Recent Trends in Zoology (New)	47] Modern Topics in Zoology (old)	(Paper -III (New) and Paper –IV(Old) Common 48] Advanced Development in Zoology
6	Geography		49] Recent Trends in Geography	50] Modern Topics in Geography (Old) 51] C) Recent trends in Agricultural Geography (New) 52] D) Recent Trends in Tourism Geography (New)	(Paper -III (New) and Paper –IV(Old) Common 53] A) Recent Trends in Economic Geography 54] B) Recent Trends in Population Geography (Paper –IV(old) 55] C) Recent Trends in Physical Geography

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(Time : 11:00 am to 02:00 pm)					
7	Computer Science	Research Methodology & Information Communication Technology (ICT)	60] Recent Trends in Computer Science (Old)	61] B) Data Warehousing and Mining (New) 62] C) Artificial Intelligence (New) (Paper -II (New) / Paper -III (Old) Common 63] Modern Topics in Computer Science (Time-03:00pm to 06:00pm)	(Paper -III (New) and Paper -IV(Old) Common Advanced Development in Comp. Sci. 64] A) Digital Image Processing (Paper-IV(old) 65] B) Data Mining
8	Statistics		87] Recent Trends in Statistics (Old)	88] C) Applied Regression Analysis (New) Paper -II (New) / Paper -III (Old) Common 89] Modern Topics in Statistics (Time-03:00pm to 06:00pm)	(Paper -III (New) and Paper -IV(Old) Common Advanced Development in Statistics - 90] A) Industrial Statistics 91] B) Sequential Analysis
9	Microbiology		92] Recent Trends in Microbiology	93] Modern Topics in Microbiology (old)	(Paper -III (New) and Paper -IV(Old) Common Advanced Developments in Microbiology - 94] A) Medical Microbiology and Immunology 95] B) Environmental and Agricultural Microbiology 96] C) Microbial Technology and Fermentations
10	Botany		106] Recent Trends in Botany	107] Modern Topics in Botany (old) 108] Advanced Development in Botany : C) Plant Physiology (New)	(Paper -III (New) and Paper -IV(Old) Common Advanced Development in Botany - 109] A) Mycology and Plant Pathology 110] B) Taxonomy of angiosperm
11	Economics		115] Recent Trends in International Economics (old) 116] Advanced Thoeries in Economics (New)	117] Modern Theories in Economics (Old) 118] A) Economics of Agriculture and Co-Operation (New) 119] C) Economics of Money, Banking and Public Finance (New)	(Paper-IV) 120] Economics of Agriculture (Paper -III (New) and Paper -IV(Old) Common 121] B) Economics of Industry & Labour
12	A.I.H.C.& A.		122]Recent Trends in Indian Archaeology (Old) 123] Recent Trends in Indian Culture & Archaeology (New)	124] <u>Modern Topics in Indian Art (Old)</u> 125] Research in Indian Art and Architecture (New)	126] Advanced Development in Field Archeology
13	History		130] Recent trends in History	131] Modern Topics in History (Old/New)	(Paper -III (New) and Paper -IV (Old) Common 132] Advanced Development in History
14	Psychology		136] Recent Trends in Psychology	137] Modern Topics in Psychology (old) 138] B) Advance Development in Social and Personality Psychology (New)	(Paper -III (New) and Paper -IV(Old) Common 139] A) Advanced development in Clinical & Counseling Psychology (Paper-IV(old) 140] B) Advanced Development in Psychology

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15	Political Science	Research Methodology & Information Communication Technology (ICT)	145] Recent trends in Political Science	146] Modern Trends in Politics	147] A) Advanced Studies in Indian Politics and Indian Administration 148] B) Advanced Studies in International Politics
16	Social Work		149] Recent Trends in Social Work Course Content (old) 150] Recent Trends in Social Work (New)	151] Modern Topics in Social Work (old) 152] Social Work and Social Development- (New)	153] Advanced Development in Social Work
17	Education (M.Phil/Ph.D.)		159] Recent Trends in Education (Old) 160] Trends in Education (New)	161] Modern Topics in Education (old) 162] A) Advanced Development in Edu. (New) 163] B) Inclusive Education (New) 164] C) Teacher Education (New)	165] Advanced Development in Education
18	Law		169] Law and Social Transformation in India (old) 170] Law Justice and Society (New)	171] Law Justice and Society (old) 172] B) Criminal Law (New) 173] C) Business Law (New)	(Paper -III (New) and Paper -IV(Old) Common 174] A) Indian Constitutional Law : The New Challenges 175] B) Criminal Law & Criminal Justice 176] C) Business Law
19	Commerce		A) Research Methodology & Info. Comm. Tech. (Old) B) Research Methodology (New)	177] Recent Trends in Commerce (Old) 178] Recent Trends in Commerce (New)	179] Modern Topics in Management (old)
20	Civil Engg.		184] Recent Trends in Civil Engineering (old) 185] Advances in Civil Engineering (New)	186] Modern Topics in Civil Engg. (old)	(Paper -III (New) and Paper -IV (Old) Common Advanced Developments in Civil Engg. - 187] A) Structural Engineering and Concrete Tech. 188] B) Geotechnical Engg.& Construction Management 189] C) Environmental Engineering and Water Resources Engg.
21	Mechanical Engg.		210] Recent Trends in Mechanical Engineering from Technology Management Perspective (old) 211] Modern Topics In Mechanical Engineering from Performance Improvement Perspective (New)	212] Modern Topics In Mechanical Engineering from Performance Improvement Perspective (old) 213] C) Advanced Developments in Thermal Engineering (New)	(Paper -III (New) and Paper -IV(Old) Common 214] A) Advanced Developments in Industrial & Production Engg 215] B) Advanced Development in Mechanical Design Engg.
22	Pharmacy		216] Recent Trends in Pharmaceutical Sciences (old) 217] Pharmaceutical Sciences-I (New)	218] Modern Topics in Pharmaceutical Science (old) 219] Pharmaceutical Sciences-II (New)	220] Advance Developments in Pharmaceutical Science

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Date :03/09/2019

Sd/-
Director
Board of Examinations and Evaluation