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शिवाजी विद्यापीठ, कोल्हापूर - ४१६००४, महाराष्ट्र

दूरध्वनी-ईपीएबीएक्स - २६०९०००, अभ्यासमंडळे विभाग दूरध्वनी ०२३१-२६०९०९४

०२३१-२६०९४८७



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संदर्भ क्र.: शिवाजी वि./अ.मं./598

दिनांक : 06/10/2025.

प्रति,

मा. संचालक,
दूरशिक्षण व ऑनलाईन शिक्षण केंद्र,
शिवाजी विद्यापीठ, कोल्हापूर.

विषय : एम.एस्सी. गणित ऑनलाईन मोड प्रश्नपत्रिका स्वरूपाबाबत...

संदर्भ : दि.22/07/2025 रोजीची आपली टिपणी.

महोदय/महोदया,

उपरोक्त संदर्भित विषयास अनुसरून आदेशान्वये कळविण्यात येते की, राष्ट्रीय शैक्षणिक धोरण, 2020, 60:40 पॅटर्ननुसार एम.एस्सी. गणित (ऑनलाईन मोड) अभ्यासक्रमाच्या प्रश्नपत्रिका स्वरूपास विद्यापीठ अधिकार मंडळाने मान्यता दिलेली आहे.

सदर प्रश्नपत्रिकेचे स्वरूप ऑनलाईन बहुपर्यायी (MCQ) पध्दत फक्त शैक्षणिक वर्ष 2025-26 या वर्षासाठी लागू राहिल. तसेच एम.एस्सी. गणित (ऑनलाईन मोड) ची पुढील शैक्षणिक वर्ष 2026-27 साठीची प्रवेश प्रक्रिया सुरु होण्यापुर्वी Descriptive पध्दतीने परीक्षा घेण्यासाठी LMS यंत्रणेमध्ये आवश्यक ती सोय करण्यात यावी.

प्रश्नपत्रिकेचे स्वरूप सोबत जोडले आहे. याची नोंद घेवून सर्व संबंधितांच्या निदर्शनास आणून द्यावी.

कळावे,

आपला विश्वासू

(डॉ. एस. एम. कुबल)

उपकुलसचिव

प्रत : माहितीसाठी व पुढील योग्यत्या कार्यवाहीसाठी.

- 01 मा. प्र.अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा.
- 02 मा. संचालक, परीक्षा व मुल्यमापन मंडळ.
- 03 मा. अध्यक्ष गणित अभ्यास मंडळ.
- 04 परिक्षक नियुक्ती ए व बी विभाग.
- 05 बी.एस्सी./एम.एस्सी परीक्षा विभाग
- 06 संगणक केंद्र
- 07 आय.टी. सेल परीक्षा विभाग

M.Sc. Mathematics (Online Mode)
Rules for 60:40 Evaluation Pattern
(Applicable only for the Academic Year 2025–26)

Scheme for Assessment:

Total marks for each course shall be based on continuous assessments and semester-end examination. Combination of internal assessment (for theory course only) and semester- end examination for Post-graduate programmes will be as follows:

Total marks for each course	= 100%
Internal Assessment	= 40%
Semester-end Examination	= 60%

Important: There shall be separate passing head for Internal Assessment and Semester-end Examination for both theory as well as practical courses.

A) Nature of Question Paper for the Semester-End Examination

I. Theory Examination of 4 Credit course (Total Marks: 60; Time: 02 hours)

General Instructions

1. The question paper consists of 30 Multiple Choice Questions (MCQs).
2. MCQs are divided into two sections —only one correct answer and multi correct answers
3. The duration of the examination is 2 hours.
4. The total marks for the paper are 60.
5. All questions are compulsory.
6. No negative marking will be applied.
7. Each unit shall carry equal weightage.
8. Use of calculators is not permitted in the examination, except for the Numerical Analysis paper.
9. For the Numerical Analysis paper, only a non-programmable calculator is allowed.

Detailed Instructions for Each Section:

Section A: Multiple Choice Questions (MCQs)-only one correct answer.

- This section contains 20 questions.
- Each question has four alternatives (A, B, C, D) — only one correct answer.
- Students must select the single correct option.
- At least 10 questions will be application-oriented, requiring problem-solving skills.

Section B: Multiple Choice Questions (MCQs)- multi correct answers.

- This section contains 10 questions.
- Each question has four alternatives (A, B, C, D) - multi correct answers.
- Students must select all correct options.
- At least 5 questions will be problem-based, involving computation or application of concepts.

Section	Type of Question	Number of Questions	Minimum Problem-Based Questions	Marks per Question	Total Marks
A	MCQs- only one correct answer	20	10	2	40
B	MCQs- multi correct answers.	10	5	2	20
Total		30	15		60

II. Theory Examination of 2 Credit course (Total Marks: 30; Time: 01 hours)

General Instructions

1. The question paper consists of 15 Multiple Choice Questions (MCQs).
2. MCQs are divided into two sections —only one correct answer and multi correct answers
3. The duration of the examination is 01 hours.
4. The total marks for the paper are 30.
5. All questions are compulsory.
6. No negative marking will be applied.
7. Each unit shall carry equal weightage.
8. Use of calculators is not permitted in the examination, except for the Numerical Analysis paper.
9. For the Numerical Analysis paper, only a non-programmable calculator is allowed.

Detailed Instructions for Each Section:

Section A: Multiple Choice Questions (MCQs)-only one correct answer.

- This section contains 10 questions.
- Each question has four alternatives (A, B, C, D) — only one correct answer.
- Students must select the single correct option.
- At least 05 questions will be application-oriented, requiring problem-solving skills.

Section B: Multiple Choice Questions (MCQs)- multi correct answers.

- This section contains 05 questions.
- Each question has four alternatives (A, B, C, D) - multi correct answers.
- Students must select all correct options.
- At least 02 questions will be problem-based, involving computation or application of concepts.

Section	Type of Question	Number of Questions	Minimum Problem-Based Questions	Marks per Question	Total Marks
A	MCQs- only one correct answer	10	05	2	20
B	MCQs- multi correct answers.	05	03	2	10
Total		15	08		30

B) Internal Assessment Process:

- 1) The Internal Assessment shall be conducted online under supervision.
- 2) The process of internal assessment should be conducted after completing 50% of syllabus of the course/s.
- 3) In case student has failed to attend internal assessment on scheduled date. It shall be deemed that the student has dropped the test. However, in case of student who could not take the test on scheduled date due to genuine reasons, such a candidate may appeal to the Programme Coordinator/ Principal/ Head of the Department. The Programme Coordinator/ Principal/ Head of the Department in consultation with the concerned teacher shall decide about the genuineness of the case and decide to conduct special test to such candidate on the date fixed by the concerned teacher but at least 15 days before the concerned semester-end examination.
- 4) The outline for continuous internal assessment activities of **‘Theory Courses’** at Post-graduate level shall be as under:

Level	Semester	Internal Assessment	Marks	
			4 Credits	2 Credits
6.0 First Year	1 and 2	1. Seminar	10	5
		2. Case study/ Problem Solving	10	5
		3. Book review/ Poster Presentation	10	5
		4. Midterm test*	10	5
6.5 Second Year	3 and 4	1. Group Discussion	10	5
		2. Research paper review	10	5
		3. Open book examination	10	5
		4. Midterm test*	10	5

Midterm test*: A midterm test shall be conducted after teaching every unit (e.g. if a course is of 4 units then a midterm test of 10 marks for every unit shall be conducted after teaching the unit). Further, convert the 40 marks of 4 midterm tests in to 10 marks and submit the same marks on Exam Portal under the head ‘Midterm test’ of respective course.

C) Assessment of On Job Training (OJT):

i. The student shall join and complete the On Job Training as below:

Internship	Schedule	Duration	Activities	Credits
Summer Internship	After 2 nd Semester	4 – 6 weeks	Industrial/ Govt./ NGO/ MSME/ Rural Internship/ Innovation / Entrepreneurship, etc.	4

ii. After successful completion of On Job Training (OJT) the assessment for 100 marks shall be done online by External and Internal Examiners as under:

Sr. No.	Particular	Marks
1	Quality and effectiveness of presentation	10
2	Depth of knowledge and demonstration skills	10

3	Variety and relevance of learning experience	10
4	Practical applications and relationships with concepts taught	10
5	Internship Report	30
6	Attendance record, student log, supervisor evaluation	30

D. Assessment of Research Project/ Field Project:

- i. After successful completion of Research Project/ Field Project the assessment for 100 marks (4 credits)/ 150 marks (6 credits) shall be done online by External and Internal Examiners as under:

Sr. No.	Particular	100 Marks	150 Marks
1	Quantum and quality of work	25	40
2	Presentation	25	40
3	Report	25	35
4	Oral/ Discussion/ Question-answer, etc.	25	35