Appendix No. 1d to the Procedure for conferring the Doctoral degree at the MUB constituting the Appendix to Appendix 1 i.e. Resolution No. 91/2019 of the MUB Senate of 24.10.2019 (introduced by Resolution No. 127/2023 of the UMB Senate of 30.05.2023)

# PROTOCOL of the Committee from the exam verifying the achievement of learning outcomes for qualifications at the level 8 of the Polish Qualifications Framework: field of medical sciences and health sciences, discipline ………………………………………

Mr/Ms .........................................., born on............................ took the exam verifying

the achievement of learning outcomes for qualifications at the level 8 of the PQF.

Examination Committee:

1. …………………………………. – Chairperson
2. ………………………………… – Supervisor
3. ………………………………… – Member of the College of ......................Science
4. ………………………………… – Member of the College of ......................Science
5. ………………………………… – Member of the College of ......................Science
6. ………………………………….– Doctoral School – Expert: Bioethics and law in biomedical research
7. ………………………………….– Doctoral School – Expert: Basics of economy

**EVALUATION OF KNOWLEDGE OF THE DOCTORAL STUDENT (Knowledge: Knows and understands)**

**(P8S\_WK) - Context - conditions, effects, i.e.**   
**Does the doctoral student know and understand:**

* legal and ethical determinants of scientific activity

**EVALUATION OF SOCIAL COMPETENCE OF THE DOCTORAL STUDENT (Social competence: he/ she is ready to: )**

**(P8S\_KR) - Professional role - independence and development of ethos, i.e.**

**Is the doctoral student ready to:**

* respect the principle of public ownership of the results of scientific activity, taking into account the principles of intellectual property protection

|  |  |
| --- | --- |
| Questions from the scope above, i.e. Bioethics and law in  biomedical research | Evaluation of the answer  (in words and in numbers) |
|  |  |
|  |  |
|  |  |

The evaluation was made on the day ..................

**EVALUATION OF KNOWLEDGE OF THE DOCTORAL STUDENT (Knowledge: Knows and understands)**

**(P8S\_WK) - Context - conditions, effects, i.e.**

**Does the doctoral student know and understand:**

* economical determinants of scientific activity
* basic principles of knowledge transfer to the economic and social spheres and commercialization of the results of scientific activity and know-how related to these results

**(P8S\_WG) Scope and depth - completeness of the cognitive perspective and relationships,**   
**Does the doctoral student know and understand:**

* principles of disseminating the results of scientific activity, also in the open access mode

**EVAUATION OF ABILITIES OF THE DOCTORAL STUDENT (Abilities: he/ she can)**

**(P8S\_UW) - Use of knowledge - solved problems and performed tasks, i.e.**

**Can the doctoral student:**

* transfer the results of scientific activity to the economic and social sphere

**EVALUATION OF SOCIAL COMPETENCE OF THE DOCTORAL STUDENT**

**(Social competences: Is ready to: )**

**(P8S\_KO) - Responsibility - fulfilling social obligations and acting for the public interest, i.e. Is the doctoral student ready to:**

* entrepreneurial thinking and acting

|  |  |
| --- | --- |
| Questions from the scope above, i.e. Basics of economy | Evaluation of the answer  (in words and in numbers) |
|  |  |
|  |  |
|  |  |

The evaluation was made on the day ..................

**EVALUATION OF KNOWLEDGE OF THE DOCTORAL STUDENT (Knowledge: Knows and understands):**

**(P8S\_WG) Scope and depth - completeness of the cognitive perspective and relationships,**

**i.e. Does the doctoral student know and understand:**

* to the extent that allows the revision of existing paradigms - global achievements, including theoretical foundations as well as general issues and selected specific issues - appropriate for a given scientific discipline
* main development trends of the scientific discipline in which the education takes place
* research methodology

**(P8S\_WK) - Context - conditions, effects, i.e. Does the doctoral student know and understand:**

* fundamental dilemmas of modern civilization
* economical determinants of scientific activity

|  |  |
| --- | --- |
| Questions from the scope above, i.e. | Evaluation of the answer  (in words and in numbers) |
|  |  |
|  |  |
|  |  |

The evaluation was made on the day ..................

**The overall result of the exam ..................................................**

**Signatures of members of Examination Committee:**

1. .
2. .
3. .
4. .
5. .
6. .
7. .