Документ подписан простой электронной подписью
Информация о владельце:
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Должность: И.о. ректора
Дата подписания: 27.03.2026 13:45:52
Уникальный программный ключ:
d59234ba928aea5c04c54eb9013e367220b6b2ae

Federal State Budget Educational Institution
of Higher Education
Pacific State Medical University
of the Ministry of Health of the Russian Federation

APPROVED BY
Director of the Institute of
Fundamentals and Information
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_____ / Bagryantsev V.N./
"4th" of April 2025

COLLECTION OF ASSESSMENT TOOLS
Б1.О.04 Data processing information technologies
of the basic educational program
of Higher Education

Specialty	**31.05.01 General Medicine for international students (in English)** (code, name)
Degree	Specialist's degree
Profile	02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system)
Mode of study	**Full-time**
Period of mastering the BEP	**6 years** (nominal length of study)
Institute	of Fundamentals and Information Technologies in Medicine

Vladivostok, 2025

1. INTRODUCTION

1.1. Collection of Assessment Tools is a document that regulates the format, content, and types of assessment tools for continuous assessment, interim examination and final (state final) examination, and graded criteria for each type of assessment tools.

1.2. Assessment tools allows to evaluate the development of universal, general professional, and professional competencies (UCs, GPCs and PCs respectively) outlined in Federal State Educational Standard of Higher Education and defined in the basic educational program of higher education for the specialty 31.05.01 General Medicine for international students (in English), profile 02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system).

(BEP HE for the 31.05.01 General Medicine for international students (in English) specialty, section 3 Learning Outcomes Requirements of the Basic Educational Program of Higher Education)

2. DOCUMENT BODY

2.1. Types of Assessment, Formats of Assessment Tools

No.	Types of assessment	Assessment Tools Format
1	**Continuous assessment**	**Tests**
		Checklists
2	**Interim assessment**	**Checklists**

3. The contents of assessment tools for continuous and interim examination are prepared by the teacher of the course

Tests for continuous and interim assessment

	Code	Competence description / name of labor function / name of work activity / text
S	31.05.01	General Medicine for international students (in English)
C	GPC-10	Has a grasp of modern information technologies and is able to use them when working to achieve objectives of professional activity
F	A/06.7	Medical records management, management of activities of subordinate medical personnel
I		**ANSWER LEVEL 1 TEST QUESTIONS (ONE CORRECT ANSWER)**
		1. Power Point - is • **a Microsoft Office application program designed for creating slides presentations;** • an application program for processing code tables; • a computer device that manages its resources during the processing of data in tabular form; • a system program that manages computer resources. **2. A text editor is a program designed for** • **creating, editing, and formatting text information;** • working with images when creating game programs; • managing PC resources when creating documents;

		• automatically translating from symbolic languages into machine code. **3. A spreadsheet is** • **an application program designed to process data structured in a table;** • an application program for processing code tables; • a PC device that manages its resources during the processing of data in tabular form; • a system program that manages PC resources during table processing **4. The extension of a file containing a typical Microsoft PowerPoint presentation** • **.ppt** • .jpg • .gif • .pps **5. The expression 5(A2+C3):3(2B2-3D3) in a spreadsheet looks like** • 5(A2+C3)/3(2B2-3D3); • 5*(A2+C3)/3*(2*B2-3*D3); • **5*(A2+C3)/(3*(2*B2-3*D3));** • Г) 5(A2+C3)/(3(2B2-3D3)). **6. Histogram is** • **a chart in which individual values are represented by vertical bars of varying heights;** • a chart in which individual values are represented by parallelepipeds arranged along the x-axis; • a chart in which a coordinate system with three axes is used to create a spatial representation of data series; • a chart in which individual values are represented by bars of varying lengths arranged horizontally along the x-axis. **7. If all letters are displayed in capital letters when typing, it means that the key is pressed** • Num Lock • Scroll Lock • Pause • **Caps Lock** **8. A pie-chart is** • **a chart represented as a circle divided into sectors and in which only one data series is allowed;** • a chart in which individual values are represented by points in a Cartesian coordinate system; • a chart in which individual data series are represented as differently colored areas;

		• a chart that uses a coordinate system with three axes, which allows for the effect of spatial representation of data series. **9. What does the spreadsheet entry =P15 mean?** • three-dimensional link; • **absolute link;** • relative link. **10. What key should I hold down when copying different text elements from within a single document?** • Alt; • **Ctrl;** • Shift.

Assessment criteria

"Pass" - more than 75% correct answers of questions of every level

"Fail" - less than 74% correct answers of questions of every level

4. Assessment criteria for learning outcomes

"Pass" is given to a student who has shown a sufficiently strong knowledge of the basic concepts of the subject; is able to complete specific practical tasks outlined in the program with no outside help, use recommended reference material, and correctly evaluate the results.

"Fail" is given to a student who has significant gaps in knowledge of the basic concepts of the subject, is not able reach the correct solution to a specific practical task outlined in the curriculum even with outside help.

Appendix 1

Practical Skills Assessment Checklist

Practical Skill Name "Calculating Body Mass Index"

C	GPC-10	Has a grasp of modern information technologies and is able to use them when working to achieve objectives of professional activity		
F	A/06.7	Medical records management, management of activities of subordinate medical personnel		
WA	Work activities as part of the function: Maintaining medical records			
	Action		Performed	Not Performed
1.	Entering data and formulas to calculate body mass index (BMI) using spreadsheets		1 point	-1 point
2.	Interpreting the obtained results using conditional formatting. Using different colors to mark underweight and overweight individuals.		1 point	-1 point
3.	Constructing diagrams (frequency distribution histogram and pie chart in %)		1 point	-1 point
4.	Designing a spreadsheet using a template		1 point	-1 point
5.	Based on the completed sample, calculating other body mass indices.		1 point	-1 point
	Total		5 points	

Assessment criteria:

"Pass" –75% or more of actions performed correctly

"Fail" – 74% and less