



**SELECTION OF TESTS FOR ASSESSMENT OF  
PRACTICALLY ACADEMIC RESULTS FOR HIGH-QUALITY  
CURRICULUM MAJORING IN BASKETBALL OF SPORT TRAINING  
DISCIPLINE UNDER BAC NINH SPORTS UNIVERSITY, VIETNAM**

**Pham Duc Toan<sup>1</sup>,  
Tran Kim Tuyen<sup>1</sup>,  
Tran Trung<sup>2</sup>,  
Nguyen Duc Anh<sup>2</sup>,  
Dong Thi Bich Hong<sup>3i</sup>**  
<sup>1</sup>Assoc. Prof. Dr.,  
Bac Ninh Sports University,  
Vietnam  
<sup>2</sup>Dr.,  
Bac Ninh Sports University,  
Vietnam  
<sup>3</sup>MA,  
Bac Ninh Sports University,  
Vietnam

**Abstract:**

The research process shows that: determining the contents of tests and assessment of academic results for students majoring in Basketball in each module in accordance with practical learning conditions aims to accurately assess learners' competencies and ensure the enhanced quality of training at Bac Ninh Sports University, contributing to the preparation of high-quality human resources for the future.

**Keywords:** content, tests, assessments, students of Basketball, Bac Ninh Sports University

**1. Introduction**

Bac Ninh Sports University is a facility specialized in training sports officials, teachers and coaches nationwide. In the face of the explosion of modern science and technology as well as the increasing demand for all-people physical education, following the project "Development of high-quality curriculum for Sport Training discipline in 2019" aims at training high-quality human resources of Bac Ninh Sports University, Sport Training Discipline, contributing to the preparation of high-quality human resources which meet

---

<sup>i</sup> Correspondence: email [nguyenxuanhung.volley@gmail.com](mailto:nguyenxuanhung.volley@gmail.com)

social requirements. The development of accurate and objective content of assessment consistent with the curriculum and suitable for learners is absolutely necessary for the actual situation. The enhanced quality of teaching for the basketball major of High Quality Sport Training Discipline is very urgent.

## 2. Research Methods

During the research, we used the following methods: Material references, pedagogical observations, interviews and statistical mathematics.

## 3. Results and Discussion

### 3.1 Determination of tests for assessment of practically academic results for high-quality curriculum majoring in Basketball, Sport Training Discipline under Bac Ninh Sports University

According to the requirements for the High Quality curriculum of Sport Training Discipline, the Basketball Division of Bac Ninh Sports University focuses on developing the curriculum as well as identifying tests to assess practically academic results for students majoring in Basketball of High Quality Sport Training Discipline in 7 modules.

To select tests for assessment of practically academic results for students majoring in Basketball of High Quality Sport Training Discipline under Bac Ninh Sports University, they proceed with the following steps:

- **Step 1:** Summarizing the proposed research tasks and selecting tests through the analysis and synthesis of materials on theoretical and practical bases, materials related to the research matter.
- **Step 2:** Determining the priority, reliability and communicability of the selected tests by the interview method.

As a result of the research process, we selected 40 specific tests to be applied to the assessment of the basketball major for the 07 modules. These tests allow identifying general and professional competencies that reflect the training level of students majoring in Basketball of High Quality Sport Training Discipline. With 40 tests further selected by interviewing experts, lecturers and coaches participating in teaching and training Basketball in professional schools.

We interviewed 20 experts, lecturers and coaches with 3 points: (1). Very important; (2). Important; (3). Unimportant.

The results are shown in Table 1.

**Table 1:** Interview results specifies for tests of assessment of practically academic results for high-quality curriculum majoring in Basketball, Sport Training Bac Ninh Sports University (n = 20)

No.	Module	Contents of tests	Assessment point					
			Very important		Important		Unimportant	
			n	%	n	%	n	%
1	I	(1) One-handed overhead shot on the spot 10 times (dunk shots are counted)	20	100	0	0	0	0
2		(2) Two-step dribbling and one-handed overhead shot 20 times (dunk shots are counted)	18	90	2	10	0	0
3		(3) Moving and two-handed chest pass, two students coordinate the two-step shot technique.	17	85	3	15	0	0
4		(4) Physical fitness: Running 1500m (male) and 800m (female)	19	95	1	5	0	0
5		(5) Two-step jump shot with low one hand 10 times (dunk shots are counted)	6	30	7	35	10	50
6	II	(1) One-handed overhead shot on the spot 20 times (dunk shots are counted)	20	100	0	0	0	0
7		(2) Beyond dribbling with forward and backward hook 20 times (dunk shots are counted) (subject exam)	16	80	4	20	0	0
8		(3) Go over the back 20 times (10 times on right-handed side, 10 times on left-handed side) (dunk shots are counted)	17	85	3	15	0	0
9		(4) Dribbling the ball and spinning 360° before changing hand (s)	15	75	4	20	1	5
10		(5) Jump shot at 45° angle 10 times (dunk shots are counted)	5	25	6	30	9	45
11	III	(1) One-handed overhead shot on the spot 20 times (dunk shots are counted)	19	95	1	5	0	0
12		(2) One-handed overhead jump shot on the spot 20 times (dunk shots are counted) (subject exam)	20	100	0	0	0	0
13		(3) Spinning and jump shot on the spot 10 times (dunk shots are counted)	16	80	4	20	0	0
14		(4) Running 20m x 100 times (s)	18	90	2	10	0	0

Pham Duc Toan, Tran Kim Tuyen, Tran Trung, Nguyen Duc Anh, Dong Thi Bich Hong  
 SELECTION OF TESTS FOR ASSESSMENT OF PRACTICALLY ACADEMIC  
 RESULTS FOR HIGH-QUALITY CURRICULUM MAJORING IN BASKETBALL OF SPORT  
 TRAINING DISCIPLINE UNDER BAC NINH SPORTS UNIVERSITY, VIETNAM

15		(5) Two-step stop and one-handed overhead jump shot 20 times (dunk shots are counted)	7	35	5	25	8	40
16		(1) One-handed overhead jump shot on the spot 30 times (dunk shots are counted)	18	90	2	10	0	0
17		(2) One-handed overhead shot on the spot 20 times (dunk shots are counted)	20	100	0	0	0	0
18		(3) Long-distance shot 20 times (dunk shots are counted)	16	80	4	20	0	0
19		(4) Practice of working as the referee to control the game (subject exam)	19	95	1	5	0	0
20		(5) Jump shot breakthrough outside 3-point area 20 times (dunk shots are counted)	8	40	1	5	11	55
21	IV	(1) One-handed overhead shot on the spot 30 times (dunk shots are counted)	18	90	2	10	0	0
22		(2) One-handed overhead jump shot on the spot 30 times (dunk shots are counted)	16	80	4	20	0	0
23		(3) Dribbling the ball while passing through 8-shaped barriers and shooting 05 times (dunk shot is counted in s)	20	100	0	0	0	0
24		(4) Writing essay on Basketball tactics and teaching methods (subject exam)	15	75	4	20	1	5
25		(5) Dribbling the ball and spinning 360° without changing hand and shooting one time (s)	10	50	2	10	8	50
26	V	(1) One-handed overhead shot on the spot 30 times (dunk shots are counted)	18	90	2	10	0	0
27		(2) One-handed overhead jump shot on the spot 30 times (dunk shots are counted)	20	100	0	0	0	0
28		(3) Dribbling the ball while passing through 8-shaped barriers and shooting 05 times (dunk shot is counted in s)	17	85	3	15	0	0
29		(4) Writing essay on Basketball tactics and teaching methods (subject exam)	19	95	1	5	0	0
30		(5) Fast attack tactics (1 team each)	7	35	2	10	11	55
31	VI	(1) One-handed overhead shot on the spot 30 times (dunk shots are counted)	18	90	2	10	0	0

Pham Duc Toan, Tran Kim Tuyen, Tran Trung, Nguyen Duc Anh, Dong Thi Bich Hong  
 SELECTION OF TESTS FOR ASSESSMENT OF PRACTICALLY ACADEMIC  
 RESULTS FOR HIGH-QUALITY CURRICULUM MAJORING IN BASKETBALL OF SPORT  
 TRAINING DISCIPLINE UNDER BAC NINH SPORTS UNIVERSITY, VIETNAM

32		(2) One-handed overhead shot on the spot 30 times (dunk shots are counted)	20	100	0	0	0	0
33		(3) Long-distance shot 30 times (SLVR)	16	80	4	20	0	0
34		(4) Dribbling the ball while passing through 8-shaped barriers and shooting 05 times (dunk shot is counted in s)	19	95	1	5	0	0
35		(5) Practice of preparing teaching plan and teaching Basketball (subject exam)	20	100	0	0	0	0
		(6) Local attack tactics (1 team each)	8	40	2	10	10	50
36		VII	(1) One-handed overhead shot on the spot 30 times (dunk shots are counted)	20	100	0	0	0
37	(2) One-handed overhead jump shot on the spot 30 times (dunk shots are counted)		15	75	4	20	1	5
38	(3) Dribbling the ball while passing through 8-shaped barriers and two-step shooting (counted in s)		19	95	1	5	0	0
39	(4) 3-referee method (assessed with 03 levels of taking the required steps for referee work) (subject exam)		17	85	3	15	0	0
40	(5) Jump shot outside 3-point area 20 times (dunk shots are counted)		11	55	2	10	7	35

As a rule, only the tests with the number of agreeing votes at a very important point from 75% or more of the total respondent votes (20 votes). Based on the interview results in Table 1, and through the results of the Evaluation Committee for a detailed outline (according to Decision No. 652/ QD-TDTTBN dated June 28, 2019, of the Rector of Bac Ninh University of Physical Education and Sports), we selected 33 tests for assessment in 07 modules of the high-quality curriculum for students majoring in Basketball of High-Quality Sport Training Discipline as follows.

- **Module 1 has 04 tests:**

- (1) One-handed overhead shot on the spot 10 times (dunk shots are counted)
- (2) Two-step dribbling and one-handed overhead shot 20 times (dunk shots are counted)
- (3) Moving and two-handed chest pass, two students coordinate the two-step shot technique.
- (4) Physical fitness: Running 1500m (male) and 800m (female)

- **Module 2 has 04 tests:**
  - (1) One-handed overhead shot on the spot 20 times (dunk shots are counted)
  - (2) Beyond dribbling with forward and backward hook 20 times (dunk shots are counted) **(subject exam)**
  - (3) Go over the back 20 times (10 times on the right-handed side, 10 times on the left-handed side) (dunk shots are counted)
  - (4) Dribbling the ball and spinning 360° before changing hand(s)
  
- **Module 3 has 04 tests:**
  - (1) One-handed overhead shot on the spot 20 times (dunk shots are counted)
  - (2) One-handed overhead jump shot on the spot 20 times (dunk shots are counted) **(subject exam)**
  - (3) Spinning and jump shot on the spot 10 times (dunk shots are counted)
  - (4) Running 20m x 100 times (s)
  
- **Module 4 has 04 tests:**
  - (1) One-handed overhead shot on the spot 30 times (dunk shots are counted)
  - (2) One-handed overhead jump shot on the spot 20 times (dunk shots are counted)
  - (3) Long-distance shot 20 times (dunk shots are counted)
  - (4) Practice of working as the referee to control the game **(subject exam)**
  
- **Module 5 has 04 tests:**
  - (1) One-handed overhead shot on the spot 30 times (dunk shots are counted)
  - (2) One-handed overhead jump shot on the spot 30 times (dunk shots are counted)
  - (3) Dribbling the ball while passing through 8-shaped barriers and shooting 05 times (dunk shot is counted in seconds)
  - (4) Writing an essay on Basketball tactics and teaching methods **(subject exam)**
  
- **Module 6 has 05 tests:**
  - (1) One-handed overhead shot on the spot 30 times (dunk shots are counted)
  - (2) One-handed overhead shot on the spot 30 times (dunk shots are counted)
  - (3) Long-distance shot 30 times (dunk shots are counted)
  - (4) Dribbling the ball while passing through 8-shaped barriers and shooting 05 times (dunk shot is counted in seconds)
  - (5) Practice of preparing a teaching plan and teaching Basketball **(subject exam)**
  
- **Module 7 has 04 tests:**
  - (1) One-handed overhead shot on the spot 30 times (dunk shots are counted)

- (2) One-handed overhead jump shot on the spot 30 times (dunk shots are counted)
- (3) Dribbling the ball while passing through 8-shaped barriers and two-step shooting (counted in seconds)
- (4) 3-referee method (assessed with 03 levels of taking the required steps for referee work) (**subject exam**)

#### **4. Conclusion**

From the results of theoretical and practical researches and determination of the reliability of tests by interview method and through the evaluation results of the Evaluation Committee for detailed outline (according to Decision No. 652/QĐ-TĐTTBN dated June 28, 2019), we selected 33 standardized tests for assessment of professional competencies for students majoring in Basketball of High Quality Sport Training Discipline under Bac Ninh Sports University from module 1 to module 7.

#### **Source of the Article**

The article is excerpted from "Curriculum of Basketball Subject for High-quality Sport Training Discipline", evaluated under Decision No. 652/QĐ-TĐTTBN dated June 28, 2019. Program management: Doctor Pham Duc Toan, Bac Ninh Sports University.

#### **Creative Commons License Statement**

This research work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License. To view a copy of this license, visit <https://creativecommons.org/licenses/by-nc-nd/4.0>. To view the complete legal code, visit <https://creativecommons.org/licenses/by-nc-nd/4.0/legalcode.en>. Under the terms of this license, members of the community may copy, distribute, and transmit the article, provided that proper, prominent, and unambiguous attribution is given to the authors, and the material is not used for commercial purposes or modified in any way. Reuse is only allowed under the terms of the Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.

#### **Conflict of Interest Statement**

There is no conflict of interest.

#### **About the Author(s)**

Pham Duc Toan, Tran Kim Tuyen, Tran Trung, Nguyen Duc Anh, Dong Thi Bich Hong researcher in the field of sports, works at Bac Ninh University of Physical Education and Sports, Vietnam.

## References

- Ministry of Education and Training (2006), *Regulations on full-time university and college training*, Hanoi
- Iu. M. Portnova (1997), *Basketball*, translated by Tran Van Manh, Hanoi Sport Publishing House.
- Pham Duc Toan, Tran Thi Tiep (2018), *Guide to practice in basketball tactics*, Thai Nguyen University Publishing House.
- Nguyen Van Trung (2003), *Basketball Syllabus*, Sport Publishing House.
- Bac Ninh Sports University (2019), "*Curriculum of Basketball subject for High-quality Sport Training Discipline*", evaluated under Decision No. 652/QD-TDTTBN dated June 28, 2019.