

FACULTY OF TRANSPORT, MANAGEMENT AND LOGISTICS
LOGISTICS DEPARTMENT

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MODULE TEST # 1

on the subject « AVIATION MANAGEMENT »

Educational degree: «Bachelor»

Educational Professional Program: “Aviation Logistics”

Field of study: 07 “Management and Administration”

Specialty: 073 “Management”

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Module test 1 on subject Aviation Management

Variant 1

<p>1. Who developed a management theory that advocates the scientific study of tasks and the workers responsible for their performance? by Frederick Winslow Taylor by George Elton Mayo by Henri Fayol by Peter F. Drucker by Michael Porter</p>	<p>2. What is a measure of traffic demand calculated as the number of revenue-paying passengers carried multiplied by the distance traveled? Available seat miles Revenue passenger miles Tons shipped Passengers per day each way</p>
<p>3. What is a set of policies, processes, controls and tools employed by an organization to comply with local and/or global regulatory policies, laws and standards? Regulatory Management Governance Management</p>	<p>4. What regulation is regulation undertaken by a State within its territory in its exercise of sovereignty over that territory and the airspace above it? National regulation Bilateral regulation Multilateral regulation</p>
<p>5. What scientific principle of aviation logistics management includes: a) flexible selection and adjustment of strategies and tactics: survival, stabilization, reengineering, innovative restructuring or complete transformation of the aviation business; b) the use of different management methods depending on the specific situation at each stage of the air chain; c) alternative aviation flows, trajectories of the aviation chain subjects; d) the probabilistic nature of aiming adjustments in the direction of the air flow depending on the time and place of possible current failures and strategic changes? Reproducible and optimization management principle The situational and variable principle Directive-dynamic principle of management The functional-cost principle</p>	<p>6. The group of growth strategies can include ... the strategy of concentrated growth, the strategy of integrated growth, the strategy of diversified growth the strategy of slow movement, the "pause" strategy, the strategy of reducing costs partial renunciation of independence, "harvest", sale of assets, reduction of activities, bankruptcy, liquidation</p>
<p>7. What function provides for the allocation of aviation goals in accordance with 7 basic criteria of logistics? The goal-setting function Function of coordination of the movement of supply objects and interaction of logistics subjects Function of organization of activities in aviation sphere Planning function</p>	<p>8. What type of logistics management method includes strategic level, tactical level and operational level? the time of logistical impact method the method of influence decision-making method target orientation method</p>
<p>9. What strategy allows a company to streamline its operations by taking direct ownership of various stages of its production process rather than relying on external contractors or suppliers? vertical integration strategy horizontal integration strategy vertical and horizontal integration strategy outsourcing strategy</p>	<p>10. What strategy involves trying to compete successfully within a single direction? diversification strategy outsourcing strategy specialization strategy concentration strategy</p>

<p>11. Standards and Recommended Practices for the licensing of flight crew members (pilots, flight engineers and flight navigators), air traffic controllers, aeronautical station operators, maintenance technicians and flight dispatchers , are provided by...</p> <p>ANNEX 1 Personnel Licensing to the Convention on International Civil Aviation</p> <p>ANNEX 2 Rules of the Air to the Convention on International Civil Aviation</p> <p>ANNEX 18 The Safe Transport of Dangerous Goods by Air</p> <p>ANNEX 19 Safety Management</p>	<p>12. Examples of external business clusters in airport includes:</p> <p>Transportation (buses, taxi etc.)</p> <p>International airport transport (train, buggys), escalators, lifts</p> <p>Fast food restaurants</p> <p>Department stores</p> <p>Airport control</p> <p>Border control</p>
<p>13. What type of partnership applies by airlines agree to sell seats on each other's flights, which means that one airline can sell tickets for a flight operated by another airline?</p> <p>Code-sharing partnership</p> <p>Interline partnership</p> <p>Alliance partnership</p> <p>Equity partnership</p>	<p>14. A system consisting of a ground part and an air part, both of which are needed to ensure the safe and efficient movement of aircraft during all phases of operation is ...</p> <p>Air traffic management</p> <p>Search and rescue</p> <p>Aeronautical information services</p> <p>Meteorological services for air navigation</p>

15. According to the initial data given in table. 1, you should calculate the forecast of air freight data for the 4th year. Detail formulas for determining data smoothing, trend smoothing, seasonality estimates and forecast for period 18.

Tab. 1 – Air freight data

Month	Year		
	1	2	3
1	335	370	380
2	340	360	390
3	345	370	395
4	345	375	405
5	365	390	420
6	375	395	420
7	380	410	435
8	395	420	440
9	390	415	425
10	380	405	425
11	375	390	410
12	360	385	400