



COMPUTER ACADEMY LTD.

The Company was established in 1991 and has offered services to several Institutions of the Public and Private Sector (e.g. the Greek National Research Centre DEMOCRITUS, the Greek Army, Colleges and Schools, Local Area Authorities), as well as individuals all over Europe, including three Presidents of the Greek Republic. The company has over 200 representatives that use its software to offer services to individuals and organisations. Computer Academy has close links and collaborates with major companies and educational institutes and has taken part in research & development projects funded by the European Union.



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COMPUTER ACADEMY PSYCHOMETRIC SERIES (CAPS)



ΑΡΙΣΤΟΝ
ΤΕΣΤ



The Computer Academy Psychometric Series (CAPS) of tests form an integrated set of questionnaires and inventories for personality, aptitude and ability testing. The tests have been designed to provide reliable services for the analysis of personality and self-awareness, vocational counselling and career choice, personnel assessment and selection, and, generally, human resources management. The tests incorporate validity scores (truth scores) that measure the extent to which the individual has been sincere and honest with the answers given. The questionnaires presented here have been researched and developed since 1991 and have already been administered to thousands of individuals from several countries.

The tests are based on state of the art theory and practice documented in international scientific journals, are standardised and fully automated in that the software records the subject's responses in real-time, analyses these using an expert system and produces a report without human intervention. The report then forms the bases for all decision-making and consultancy services which are offered by the trained counsellor.

APTITUDE AND ABILITY TESTS

- **Verbal:** This test measures your language reasoning abilities, the vocabulary, verbal abilities, spelling and grammar, synonyms, homonyms, relationships between concepts.
- **Numerical:** This test measures your numerical ability, reasoning, solving typical numerical and computing problems involving sets, series, and chains.
- **Diagrammatic:** This measures your ability for diagrammatic reasoning, analysis of abstract shapes and diagrams, processing series (composite and multicoloured).
- **Mechanical:** This measures your mechanical reasoning, your ability to solve typical mechanical problems, and your ability to apply unary and composite rules.
- **Spatial:** This measures your abilities for spatial reasoning, analysis of shapes in space, ability to compose, to synthesize and to assemble objects, ability to analyse two and three dimensional objects.
- **Colours:** This test examines the degree of your ability to perceive colours, to discover differences, and also to compose and mix them.
- **Logic:** This examines all typical types of logical clauses and your ability to reason using complete and incomplete data, including: entailment and conclusive propositions, transitive, relational, logical, inductive, inferential, and hypothetical syllogism, reasoning with probabilities, contradictions with composite clauses, concluding with added determinants, and reduction by mixed syllogism.

VOCATIONAL COUNSELLING

- The test forms a special battery (combination of questionnaires, including locus of control, self-esteem and Holland theory) that identifies and suggests a set of professions that are suitable to your particular personality. This is achieved by considering the two most important factors: a) immanent personality traits, and b) vocational interests.



PERSONALITY TESTS

- **Emotional Intelligence:** This test examines your emotional stability, emotional condition, reaction to emotional situations, and reaction to pressure.
- **Motivation:** This test examines your work values and motivations, the factors influencing your choice of a job or a profession, your attitude towards job benefits, autonomy, authority and influence, security, and recognition.
- **Decision Making:** The test examines your ability to make decisions, the probability you have of making successful decisions, your ability to standardize the given facts in order to minimise the risks in a decision.
- **Locus of Control:** This test examines your external and internal locus of control, your degree of belief in your ability to control your actions, your ability to act independently, your ability to influence your environment.
- **Communication:** This test examines your ability to communicate, to adjust to the social environment, to convey knowledge, to utilise the feedback available.
- **Self-esteem:** This test measures your self-esteem, the impression you think people have about you, the emotions evoked by your impression about what other people think about you, your attitude towards the society, the family, personal experience, as well as the potential you realize you possess.
- **Cerebral hemispheres:** It is widely accepted that each of the two hemispheres specializes in certain functions and services, utilizing their own sensors and information processors. This test examines and quantifies the potential of each of your hemispheres. The benefits from the test are enormous, given that the left hemisphere learns better in a bottom-up manner, while the right hemisphere learns better in a top-down manner.
- **Primary Personality Factors (3P):** The test is based on internationally accepted personality factors (mainly IPIP and 16PF), which shape up human behaviour independent of cultural differences. The factors examined are: Warmth, Reasoning, Emotional stability, Assertiveness, Gregariousness, Dutifulness, Friendliness, Sensitivity, Distrust, Imagination, Reserve, Self-reproach, Radicalism, Self-sufficiency, Orderliness, and Tension.
- **Learning Difficulties:** This test diagnoses the learning difficulties you may have under major realms of thought. The results provide useful information to you as well as the trainer/ teacher who can then follow the suggested course of action for improvement.

