

# PROGRAM EDUCATIONAL OBJECTIVES (PEO)

## PEO1

Bumiputera assistant science officers who apply scientific understanding and knowledge (theoretical and technical) to provide quality services to the private and public sectors.

## PEO2

Bumiputera assistant science officers who apply critical, analytical, innovative concepts and apply problem solving skills related to science discipline.

## PEO3

Bumiputera assistant science officers who are able to organize a broad range of practical skills, interpersonal skills, leadership, autonomy and responsibilities through effective communication and work skills.

## PEO4

Bumiputera assistant science officers who work independently and creatively in entrepreneurship that will enable them to compete at national and international level.

## PEO5

Bumiputera assistant science officers who demonstrate ethical and professional values in fulfilling their responsibilities towards stakeholders and society.

AS120



# PROGRAMME LEARNING OUTCOMES (PLO)

Able to apply systematic knowledge and understanding of science and mathematics fundamentals to undertake routine and non-routine science related tasks

PL01

Able to apply general concepts, theory and operational principles of science and mathematics fundamentals to solve problems of a routine and non-routine nature

PL02

Able to perform practical skills, methods, procedures in conducting experiments and operate laboratory equipment in science related practices

PL03

Able to increase proficiency individually or with supervisors, peers and subordinates from different cultures

PL04

Able to demonstrate effective communication skills, both orally and in writing, ideas, information, problems and solutions, to others including peers, team members, relevant stakeholders and community

PL05

Able to organize a broad range of information, media and technology applications to support study and work

PL06

Able to apply numerical and quantitative skills for study and work

PL07

Able to demonstrate leadership skill and collaborate with other team members with a significant degree of autonomy and responsibility, society and relevant stakeholders

PL08

Able to demonstrate passion and confidence for independent learning and self-development for career or further education

PL09

Able to perform managerial and relevant entrepreneurship skills

PL010

Able to demonstrate ethical, professionalism, social and cultural differences in organizational work and social environment

PL011

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