SMA ABBS SURAKARTA

BRINGING YOU TO THE EXCELLENCE

Student Report of PSTS

First Semester of Academic Year 2024/2025
SMA Al-Abidin Bilingual Boarding School
Surakarta, Central Java

11 Oct 2024

YAYASAN AL ABIDIN SURAKARTA
SEKOLAH MENENGAH ATAS
AL ABIDIN BILINGUAL BOARDING SCHOOL (ABBS) SURAKARTA
TERAKREDITASI: A (Unggul)
Jalan Tarumanegara III no 22, Banyuanyar, Banjarsari, Surakarta 57137
Telepon : 0271 – 7882145, Laman : www.abbs.alabidin.sch.id, Surat elektronik : abbs@alabidin.sch.id

LAPORAN HASIL PENILAIAN SUMATIF TENGAH SEMESTER

Nama	: Naryama Rasya Athaillah	Semester	: V
NIS	: 22101129	Tahun Ajaran	: 2024/2025
Kelas	: XII MIPA 2		

No	Mata Pelajaran	KKM	Nilai PSTS	Keterangan	Rata-Rata Kelas
Kelompok A (Wajib) :					
1	Pendidikan Agama dan Budi Pekerti	75.00	75.15	Terlampaui	77.31
2	Pendidikan Pancasila dan Kewarganegaraan	75.00	75.00	Tuntas	76.48
3	Bahasa Indonesia	75.00	88.00	Terlampaui	77.97
4	Matematika	75.00	75.00	Tuntas	75.05
5	Sejarah Indonesia	75.00	78.00	Terlampaui	79.68
6	Bahasa Inggris	75.00	75.00	Tuntas	74.68
7	Pendidikan Jasmani dan Kesehatan	75.00	80.00	Terlampaui	84.61
Kelompok B (Peminatan) :					
Peminatan Matematika dan Ilmu Alam					
1	Matematika	75.00	79.00	Terlampaui	76.42
2	Kimia	75.00	76.00	Terlampaui	77.52
3	Biologi	75.00	77.00	Terlampaui	75.45
4	Fisika	75.00	75.00	Tuntas	75.57
Kelompok C (Lintas Minat) :					
1	Bahasa dan Sastra Inggris	75.00	79.00	Terlampaui	86.10

	Jenis Ketidakhadiran	Keterangan
Rekap kehadiran	Sakit	1 hari
	Izin	2 hari
	Tanpa keterangan	- hari

Surakarta, 11 Oktober 2024
Kepala Sekolah,

Mia Febriana, M.Pd.
NIK. 2022 04 3 523

SMA ABBS Surakarta
Jalan Tarumanegara III Banyuanyar, Banjarsari,
Surakarta, 57137, 0271 – 7882145

Cambridge Class Program Report

Name	: Naryama Rasya Athaillah	**Qualification**
Class	: XII MIPA 2	Cambridge International AS and A Level Mathematics
NIS/NISN	: 22101129/0074179195	
Academic Year	: 2024/2025	
Semester	: Five	**Syllabus code 9709**

No	Indicators	Mark
1	Using a cumulative frequency graph to estimate medians, quartiles, percentiles, the proportion of a distribution above (or below) a given value, or between two values.	C
2	Understanding the terms permutation and combination, and solving simple problems involving selections.	C
3	Evaluating probabilities in simple cases by means of enumeration of equiprobable elementary events, or by calculation using permutations or combinations.	C
4	Calculating $E(X)$ and $Var(X)$ relating to a given situation involving a discrete random variable X.	C
5	Using formulae for probabilities for the binomial and geometric distributions, and recognising practical situations where these distributions are suitable models.	C
6	Using formulae for the expectation and variance of the binomial distribution and for the expectation of the geometric distribution.	C
7	Understanding the use of a normal distribution to model a continuous random variable, and using normal distribution tables.	C
8	Solving problems concerning a variable X, where $X \sim N(\mu, \sigma^2)$, including: – finding the value of $P(X > x_1)$, or a related probability, given the values of x_1, μ, σ – finding a relationship between x_1, μ, and σ given the value of $P(X > x_1)$ or a related probability.	C
9	Recalling conditions under which the normal distribution can be used as an approximation to the binomial distribution, and using this approximation, with a continuity correction, in solving problems.	C

Surakarta, 11 October 2024

Principal

Mia Febriana, M.Pd.

Teacher

Tyas Wisnuwardani, S.Pd.

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Cambridge Class Program
Report

Name	: Naryama Rasya A	**Qualification**
Class	: XII MIPA 2	Cambridge International AS and A Level Physics
NIS/NISN	: 22101129/0074179195	
Academic Year	: 2024/2025	
Semester	: Five	**Syllabus code 9702**

No	Indicators	Mark
1	Understanding that an electric current is the flow of electric charge over time, recalling and using V = IR, P = VI and R = ρL / A, understanding the principle of a potential divider circuit, recalling Kirchhoff's first and second law and understanding that it is a consequence of conservation of energy.	C
2	Recalling and using F = qE for the force on a charge in an electric field and Coulomb's law $F = kQ_1Q_2/r^2$ for the force between two-point charges in free space, describing the effect of a uniform electric field on the motion of charged particles, using $E = kQ/r^2$ for the electric field strength due to a point charge in free space and V = kQ /r for the electric potential in the field due to a point charge.	C
3	Understanding and using the notation ${}^{A}_{Z}X$ for the representation of nuclides and understanding that nucleon number and charge are conserved in nuclear processes, describing the composition, mass and charge of α-, β- and γ- radiations (both β^- (electrons) and β^+ (positrons) are included) and recalling that protons and neutrons are not fundamental particles and describe protons and neutrons in terms of their quark composition.	C
4	Understanding that a photon is a quantum of electromagnetic energy, recalling and using E = hf, understanding that a photon has momentum and that the momentum is given by p = E/c, explaining photoelectric emission in terms of photon energy and work function energy, understanding the de Broglie wavelength as the wavelength associated with a moving particle.	C
5	Understanding the equivalence between energy and mass as represented by $E = mc^2$ and recalling and using this equation, defining and using the terms mass defect and binding energy and explaining the relevance of binding energy per nucleon to nuclear reactions, including nuclear fusion and nuclear fission.	C

Surakarta, 11 October 2024

Principal,

Mia Febriana, M.Pd.

Teacher,

Azhar Umam, S.Pd.

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Cambridge Class Program Report

Name	: Naryama Rasya Athaillah	**Qualification**
Class	: XII MIPA 2	Cambridge International AS and A Level Biology
NIS/NISN	: 22101129/ 0074179195	
Academic Year	: 2024/2025	
Semester	: Five	**Syllabus code 9700**

No	Indicators	Mark
1	Describing the structure of nucleotides, including the structure of nucleic acids	C
2	Explaining how the information in DNA is used in transcription and translation to form polypeptides	C
3	Outlining the mitotic cell cycle	C
4	Investigating and explaining the factors affecting the rate of enzyme-catalysed reactions	C
5	Describing the relationship between the structure of chloroplasts, as seen in diagrams and electron micrographs, and their function in the light-dependent reactions and the Calvin cycle	B
6	Describing how each of the four stages in aerobic respiration occurs in eukaryotic cells	C
7	Outlining anaerobic respiration in mammals (lactate fermentation) and yeast cells (ethanol fermentation)	C
8	Describing and explaining the steps involved in the polymerase chain reaction (PCR) to clone and amplify DNA, including the role of Taq polymerase	C
9	Explaining that genetic engineering is the deliberate manipulation of genetic material to modify specific characteristics of an organism	C
10	Describing the behaviour of chromosomes in plant and animal cells during meiosis	C

Surakarta, 11 October 2024

Principal

Mia Febriana, M.Pd.

Teacher,

Dwi Noviasih Pratama, S.Pd.