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
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LAPORAN HASIL PENILAIAN SUMATIF TENGAH SEMESTER

Nama	: M Syaif Rahman Kemaladinata	Semester	: V
NIS	: 22101091	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	76.45	Terlampaui	77.31
2	Pendidikan Pancasila dan Kewarganegaraan	75.00	88.00	Terlampaui	76.48
3	Bahasa Indonesia	75.00	82.00	Terlampaui	77.97
4	Matematika	75.00	76.00	Terlampaui	75.05
5	Sejarah Indonesia	75.00	75.00	Tuntas	79.68
6	Bahasa Inggris	75.00	78.00	Terlampaui	74.68
7	Pendidikan Jasmani dan Kesehatan	75.00	88.00	Terlampaui	84.61
Kelompok B (Peminatan) :					
Peminatan Matematika dan Ilmu Alam					
1	Matematika	75.00	81.00	Terlampaui	76.42
2	Kimia	75.00	75.00	Tuntas	77.52
3	Biologi	75.00	75.00	Tuntas	75.45
4	Fisika	75.00	75.00	Tuntas	75.57
Kelompok C (Lintas Minat) :					
1	Bahasa dan Sastra Inggris	75.00	88.00	Terlampaui	86.10

	Jenis Ketidakhadiran	Keterangan
Rekap kehadiran	Sakit	- hari
	Izin	- 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	: M Syaif Rahman Kemaladinata	**Qualification**
Class	: XII MIPA 2	Cambridge International AS and A Level Mathematics
NIS/NISN	: 22101091/0076031196	
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.	B
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

Principal

Mia Febriana, M.Pd.

Surakarta, 11 October 2024
Teacher

Tyas Wisnuwardani, S.Pd.

SMA ABBS Surakarta
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Surakarta, 57137, 0271 – 7882145

Cambridge Class Program Report

Name	: M. Syaif Rahman Kemaladinata	**Qualification**
Class	: XII MIPA 2	Cambridge International AS and A Level Chemistry
NIS/NISN	: 22101091/ 0076031196	
Academic Year	: 2024/2025	
Semester	: Five	**Syllabus code 9701**

No	Indicators	Mark
1	Explaining predictions the trends in physical and chemical properties of the elements in group 2	B
2	Stating the variation in the solubilities of the hydroxides and sulfates	A
3	Explaining the acid / base / amphoteric behaviour of the oxides	B
4	Explaining predictions the trends in physical and chemical properties of the elements in group 3	B
5	Describing the trend in volatility of chlorine, bromine, and iodine	B
6	Describing the reactions, including reagents and conditions of reduction, oxidation, and hydrolysis reactions	A
7	Deducing the molecular and/or empirical formula of an organic compound	A
8	Defining the term entropy and explain the sign	B
9	Calculating the standard entropy change	B
10	Explaining the effect of ionic charge and of ionic radius on the numerical magnitude of a lattice energy	B
11	Calculating the lattice energy value	B
12	Understanding the physical dan chemical properties of transition elements	A
13	Defining the transition element and complexes	B
14	Describing the geometry and colour of transition element complexes	B

Surakarta, 11 October 2024

Principal

Mia Febriana, M.Pd.

Teacher,

Uswatun Hasanah, S.Pd.

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Cambridge Class Program Report

Name	: M Syaif Rahman Kemaladinata	**Qualification**
Class	: XII MIPA 2	Cambridge International AS and A Level Biology
NIS/NISN	: 22101091/ 0076031196	
Academic Year	: 2024/2025	
Semester	: Five	**Syllabus code 9700**

No	Indicators	Mark
1	Describing the structure of nucleotides, including the structure of nucleic acids	B
2	Explaining how the information in DNA is used in transcription and translation to form polypeptides	B
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	A
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)	A
8	Describing and explaining the steps involved in the polymerase chain reaction (PCR) to clone and amplify DNA, including the role of Taq polymerase	A
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.