

b) Choose a school/college and discuss what are the Smart School features that are present in this institution.

Sekolah Menengah Sains Sultan Haji Ahmad Shah (SEMSAS) is one of Malaysia's boarding schools, situated at Km 12 Jalan Gambang, Kuantan, Pahang. It was originally known as Sekolah Menengah Sains Pahang.



Picture 1 Logo and Motto of SEMSAS

The main goal of the school is to house students graduated from primary schools located in rural areas within facilities especially for studying science subjects. SEMSAS boasts 18 acres of school ground, equipped with accommodation which are upgraded and modified to suit development. Coinciding smart school features, SEMSAS provides various facilities to enable students to perform different activities. Available infrastructure and facilities are as follows:

Room/Block	Quantity
Science laboratory	9
Smart room	4
Teacher's computer room	1
Computer laboratory	2
Computer laboratory building	1
Media Centre	1
Viewing room	1
Music room	1
German room	1
Japanese room	1

Engineering room	1
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Table 1 Facilities provided at SEMSAS

By having nine science laboratories, students are exposed to many different activities and are able to participate in different programs that related to science and technology. SEMSAS has attended several international program involving students by participating in innovative projects of the workshops related to science.

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SEMSAS also equipped with two language rooms which are the German Language Room and the Japanese Language Room. The objective of both room is to expose the students with the different languages by providing direct contact with a native speaker. Students also are able to learn more in regards to the culture and lifestyle of Germans and Japanese.

Besides that, technological facilities are also provided by SEMSAS management to allow students to be exposed to technology development and able to access in order to get the information through the uses of internet.

Hence the birth of <http://www.semsas.dschoool.edu.my> as SEMSAS's own homepage where students can gain the educational materials such as notes, past exam questions and learning activities that being uploaded by their teachers. This website also provide links to other educational websites such as My School Net and Akhbar Online which help student to gain more knowledge and to make sure students do not got left behind in the current issues.

SEMSAS encourage students to use technology to master information then being creative with the knowledge to generate new information in accordance to smart school features and elements which are smart learning, smart teaching, smart assessment and smart use of technology. [Listen](#)

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SEMSAS also had improved student achievements in curriculum areas, curricular

activities and personality by implementing these stated visions:

1. To produce students who are able and capable of carrying out works in an efficient, fast, accurate, thoughtful and effective way.
2. Establishing deep interest in science and technology amongst students.

Each examination has shown positive development in SEMSAS. It has proven by latest achievement of 86 students scoring 8A in PMR.ListenRead phoneticallyDictionary - View detailed dictionary SEMSAS goals align with the objective of a smart school by prioritizing values and practicing thinking skills while making interactions between teachers and students remain as an important element of which also is a feature of the smart school concept. Here, teachers are more alert with what students want to do and to now rather than what teacher wants to teach students. Teachers put more emphasis on flexibility and teamwork among the students during teaching and learning process. This is because teachers want their students to be exposed in how to communicate and how to give their opinion in a proper and intelligence way.

Moreover, SEMSAS also has a direction to ensure excellence, especially in management, curriculum, development of Information and Communication Technology (ICT), physical and external relations.

SEMSAS with the assistance of the government and committee always identifies and study programs designed to generate optimal results in ensuring the ideals and goals to produce students who are competent in terms of physical, emotional, spiritual and intellectual materializes. In parallel with local educational development, SEMSAS was awarded the SEKOLAH BESTARI title on 1st of January, 1999.

SEMSAS had created various programs in line with existing criteria set for smart schools such as the internationalization program and innovative school program. Internalization Program is program that involves teachers and students to attend seminars abroad. While Innovative Programs aims at providing exposure to students and improve their skills in specific subjects.

SEMSAS already organized many programs. The programs hosted by SEMSAS

includes “Olahan karangan bersama penanda wacana”, “Pengembangan isi berformula”, “Peribahasa sahabatku”, “Kaedah V-B” and “Profil Diri Warga SEMSAS”.

Furthermore, SEMSAS also has several programs focusing on the achievement of staff to improve the quality of services provided. The program is organized to enhance staff – student relationships, so students have a chance to get to know teachers and non-academic staff closer. With regard to programs SEMSAS created, they are in line with the smart school concept holistically taking overall academic development, curriculum, management, technology, teaching and learning and thinking into account.[Listen](#)

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1. **adjective**

1. parallel
2. equal
3. compatible
4. collateral
5. even
6. flush
7. square

2. **adverb**

1. in parallel
2. abreast
3. on a line