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Online Quiz

The genuine use of IT in education

www.radian.com.hk

ONLINE QUIZ

The first comprehensive and full-featured Online Quiz for AL Physics has been successfully launched in 2000. In our web site (www.radian.com.hk), a complete question bank which includes more than 1000 questions has been set up. More and more questions would be added in the days to come.

Questions are grouped into 21 topics and five sections, according to their common theme. For each section, there is a miscellaneous exercise which integrates all the knowledge of the section.

Mode of operation

The type of questions is multiple-choice. Some are single answer, while the others are multiple answer. Questions are selected randomly based on the topics chosen by students. The options for each question are also in random.

There are two modes for students to try:

- A. **Practice:** There is no time limit and the scores are not recorded. Students may try all the questions for as many times as they like. Checking is done immediately after each answer is submitted. This section is necessary for students before they attempt the Exam described below.
- B. **Exam:** Students have to attempt 20 questions randomly picked for each topic. The time allowed for each question is one minute. i.e. They have to finish the session within 20 minutes. A timer is provided to help students to keep their time. The full mark for each session is 100%. For each extra second, 0.1 mark would be deducted. Students can try Exam for three times only. They can view their own results in every attempt in chronological order. Teachers may choose to view the results of all the attempts done by the students or just view their best attempts.

Report Card On Demand

This is an innovative service available for schools which have registered membership for their students. This service aims to better manage students' progress in using the Online Quiz, to reduce the workload of teachers and to save precious class time in daily assessments.

Teachers using this service may reserve a *small percentage* (e.g. 5%) of the overall assessment using the question bank in this web site. Ask your students to carry out the Online Quiz Exam by themselves before a certain date. With the teacher's account, you can obtain report cards of all your students by clicking a button.

Advantages of using Online Quiz

The advantages are obvious:

1. Online quiz is **easily accepted and welcomed by students** as this involves interactive use of computer.
2. **Students are motivated to learn by themselves.** Students will try the Practice before they attempt the Exam. Through lots of practice, their learning would be reinforced and their misconception clarified gradually.
3. **The confidence of students in Physics would be raised.** All the questions are conceptual, simple and without calculation. Once they have clarified their concept in the first attempt, they will be willing to attempt similar question again. The process will definitely increase their confidence in the subject.
4. **There is no constraint in space and time.** Students may try the questions at any time as long as they can access the Internet. Unlike traditional tests, students can try the Exam at their own optimal conditions and at ease, both physical and mental.
5. **Immediate response.** Computer will give immediate response to their answers. Their learning process would be much happier than ever before when they see a "tick" immediately after they submit their answers.
6. **Coverage is complete.** As the questions cover only the basic concept, all the areas in AL Physics are included to make up a full test bank. The questions are of very high standard while they are less demanding than those in the public examination.
7. **Workload of teachers is much reduced.** You can rely on the high quality of the questions in our test bank. You don't need to source questions, type quiz papers or mark the answers. All you need is to set a deadline for your students and view their results by a single button click. If you want any other questions to assess your students, you may email to us and we can do the rest for you.
8. **Save precious class time.** By using the Online quiz, you don't need to reserve class time for too many testing, while your students will be regularly learning at their own and assess themselves. Magical!
9. **Save the environment.** Since the quiz paper are in electronic form, paper use is greatly reduced.
10. Students are encouraged to post their problems in our **discussion group**. They could then share their knowledge with one another.

Charging Plans

The Online Quiz requires membership registration through school. Schools would be invited to register for new students every year. This year, membership applications would be accepted before the end of November. Therefore, prompt actions are necessary!

Three plans are available:

Plan A Per student

- ◆ Membership fee for each student is HK\$50.
- ◆ Four free membership for teachers.
- ◆ Student membership duration is two years.

Plan B Per school

- ◆ A batch of maximum 100 accounts.
- ◆ Batch membership fee is HK\$3000.
- ◆ Student accounts in excess of 100 is HK\$30 each.
- ◆ Four free membership for teachers.
- ◆ Student membership duration is two years.

Plan C Per school

- ◆ A batch of maximum 50 accounts.
- ◆ Batch membership fee is HK\$2000.
- ◆ Student accounts in excess of 50 is HK\$40 each.
- ◆ Four free membership for teachers.
- ◆ Student membership duration is two years.

Procedures for application

Step 1

Please fill in the following Order Form and *mail* with cheque made payable to "Radian Publishing Co." to the following address before 31st October, 2002:

Radian Publishing Co. Rm 2316, Grandtech Center 8 On Ping Street Shatin NT
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Order Form (by mail)

Online Quiz Membership Registration

Name of School	
Teacher in charge	
Telephone No.	
Fax No.	
Email address	
Charging Plan	Plan A, Plan B, Plan C*
Total number of student members	
Total amount (HK\$)	

* circle whichever appropriate

- ◆ Information of the school and students are used for membership registration of Online Quiz and cannot be used in other ways.
- ◆ Radian Publishing Co. cannot uncover the statistical information of students' assessment or whichever without the permission of the school.

Teacher's signature: _____

Date: _____

Step 2

Please provide us with the following information through an email with attachment to wnchan@hkstar.com.

1. **Name and email address** of teacher(s).
2. **School name and school code** (max. 10 characters).
3. **Name, class, registration number¹ and email address²** of students.

The information of your students have to be typed in a FoxPro DBF file, MS Access database file (MS Access 97) or a MS Word document using the following format:

stud_code	class	classno	name	email ²

Empty FoxPro table and Access database file can be downloaded from our web site:
<http://www.radian.com.hk>

Email address of students is necessary because this is the only way we send the membership ID and password to your students.

Note:

- ¹ Registration number is a unique number used in SAMS (School Administration and Management System of Education Department). Please ask the SAMS Administrator of your school for help.
- ² email addresses of students are necessary because the userID³ and password of students are sent to the students individually. This would help to decrease the clerical workload of teachers.
- ³ The userID would be in the format xxxyyyyyy, where xxx is the school code and yyyyyy is the students' registration number.

Once application is accepted, emails would be sent automatically to all the students and teachers.

The closing date for AL Physics Application in this year is **31st October, 2002**! Don't miss the chance!
 For further information, please visit our web site:

<http://www.radian.com.hk>