



KAFRELSHEIKH UNIVERSITY- Faculty of Science - Department of Physics

EXAM FOR 3RD YEAR SCIENCE STUDENTS

COURSE TITLE:

Electrodynamics

DATE:

TERM: SECOND

TOTAL ASSESSMENT MARKS:

TIME ALLOWED:

**Write a report on one of the following & support it with examples
Please use different sources
(Minimum size is 4 pages + a cover page includes
your name & the report title)**

1. Electromagnetic induction
2. Eddy currents
3. Paramagnetic and Diamagnetic materials
4. Electromagnetic (EM) waves in vacuum
5. EM waves confined to the interior of hollow pipe (wave guide)

د- محمود على