

Everyday Science 8 Days Plan

Day: 01

- > Muslim Scientists.
- > Scientific Reasons

Day: 02

- > Differences
- > Abbreviations

Day: 03

- > Measurement Units
- > Scientific Instruments

Day: 04

- > Geography Portion
- > Chemistry Portion

Day: 05

- > Biology Portion

Day: 06

- > Physics Portion
- > Computer Portion

Day :07

- > Miscellaneous
- > MCQS

Day: 08

Try to attempt maximum questions from Past Papers

Muslim Scientists

- Ibne Rushd - 1987
- Al Farabi - 1991
- Ibn e Nafis - 1991
- Al Kinidi - 1991
- Ibn Hayyan - 1987, 2001, 2011
- Ibn al Baitar - 1995, 2001
- Abu Ali Sina - 1991, 2001, 2008, 2011
- Biruni - 1995, 2005, 2010
- Ibn Al-Haitham -1987, 1995, 2005, 2010
- Muhammad bin Musa Al-Khawarizmi - 2008
- Umer Al Khayam - 1991, 2001, 2009
- Zakariya Al Razi - 1987, 2001, 2009

Balanced Diet

- Balanced diet – 1993, 1994, 2002, 2007, 2008,
- Pasteurization – 1987, 1995, 2001, 2008
- Disease caused by deficiency – 1987
- Sources of Vitamins – 1990

Computers

- Software – 1991, 2000, 2002
- Registers – 1998, 2000
- Computers – 1991
- Microcomputers – 1991
- Peripheral – uses – 1991
- Hardware – 1991
- CPU – 1996
- RAM – 2000
- Byte – 2000
- Mouse – 2000
- Icons – 2000
- Control Unit – 2000
- LAN – 2000
- Modem – 2000
- ALU – 2000
- Computer Viruses – 2008
- Millennium Bug - 2009

- Internet - 2010, 2011

Energy

- Renewable energy resources – 1996, 2001, 2008, 2011
- Geothermal energy – 2005, 2008
- Non conventional source of energy – 1994
- Magnetic resonance Imaging – 2006
- Tide energy – 2006
- Dam and barrage – 2006
- Voltage Stabilizer - 2010
- Forms of energy - 2011
- Types of energy- 2011

Universe

- Solar System - 1999, 2002, 2003, 2008
- Planets – 1986, 2002
- Lunar Eclipse – 1994, 1999
- Solar Eclipse – 1999
- Hovering Satellite – 1994
- Steroid – 2002
- Mercury – 2004
- Plato – 2004, 2011
- Communication satellite – 2005
- Satellites – 2007
- Artificial Satellite - 2011
- Supernova – 2008
- Synchronous satellite - 2009
- Big Dipper - 2009
- Nebula - 2009
- Big Bang Theory - 2011
- Galaxy - 2011

Hazards of Sciences

- Water pollution – 1995, 2000, 2001, 2005
- Global warming – 1998, 2004, 2006, 2010
- Green house effect – 1998, 2001, 2009



- Acid rain – 1990, 2002
- Environmental pollution – 1988
- Reclaim a saline soil – 1989
- Water logging – 1989
- Salinity – 1989
- Ozone depletion - 1996

Geography

- Earthquake – 1989, 1998, 2008
- Heavy water – 1989, 1985
- Structure of earth – 1997, 2003
- Minerals – 2002, 2009
- Lightening – 1985
- Seasonal variation – 1991, 2010
- Movements of the earth and its atmosphere – 2000
- Seismograph – 2004
- Tsunami – 2005
- Sedimentary rocks – 2007
- Days and nights – 1991
- Volcanoes – 1999
- International Date Line – 1998
- Deforestation – 1995
- Igneous rocks - 2009
- Typhoons - 2011
- Tornadoes - 2011

Biology

- Pollination (cross) – 1988, 1991, 2001, 2003
- Photosynthesis – 1987, 1988, 1998, 2001
- Ecosystem – 1994, 2000, 2001, 2002
- Positively and negatively phototropic parts of plant – 1987
- Nitrogen cycle – 1992
- Structure of animal cell – 1994
- Cellulose – 1992
- Viruses – 1994
- Osmosis – 1997
- Transpiration – 1997
- Important parts of flower – 2001
- Fertilization – 2001
- Animal cell – 2008

- Producers and consumers of ecosystem – 1989
- Balance of nitrogen in atmosphere – 1985
- Glycolysis – 1997
- Phototaxis – 1997
- Root tubers – 1987, 1992
- Food chain – 1987
- Symbiosis – 1987
- Biochemical cycle – 1992
- Diffusion – 1994
- Catabolism – 1995
- Epiphytes – 2007
- Similarities and differences between animals and plants - 2009
- Amphibian - 2009
- Vertebrates - 2010
- Invertebrates - 2010
- Flying mammal – 2010
- Bird – 2010
- Ribosome - 2011
- Mitochondria - 2011
- Lysosomes - 2011
- Chloroplasts - 2011
- Golgi apparatus - 2011
- Nucleic acids - 2011

Human Biology

- Endocrine glands – 1990, 1999, 2001, 2002, 2003, 2007
- Human eye – 1985, 1990, 2002
- Hemophilia – 1987, 1989, 1992
- Excretory system – 1995, 2000
- Human brain – 1990, 1994
- Principle of immunization – 1987, 1995
- Chromosomes – 1988, 1989
- Composition of blood – 1995, 1999
- Hormones – 2001, 2008
- Human kidney – 1988
- Human blood – 1988
- Clotting – 1988
- Heredity – 1989, 2010

- Hereditary disease transferred from parents to offsprings - 2010
- DNA – 1990
- Digestion – 1991
- Feedback mechanism of human system – 2000
- Characters transmitted from parents to offsprings – 2007
- Blood pressure – 1987
- Immunity – 1987
- Blood groups – 1998
- Ovulation – 2003
- Gene – 2006
- Biotechnology – 2003
- Receptors and receptor organs in human body - 2009
- Genetic Engineering - 2009
- Coronary artery - 2010
- Sino- Auricular Node - 2010
- Aortic valve - 2010
- Auricle - 2010
- Reflex Action - 2010

Chemistry

- Polymer (synthetic) – 1994, 2001, 2002
- Heavy water - 2011
- Soft water
- Hard Water - 2011
- Carbon cycle – 1992, 1998, 2000
- Sulphide Cinnabar (Hgs) – 2003
- Catalyst – 1992
- Fermentation - 2009
- Aqua Regia - 2009
- Enrichment of Uranium - 2009
- Allotropy - 2009
- Isomers - 2010, 2011
- Isotopes - 2010, 2011

Diseases

- Virus –1987, 1994
- Meningitis – 2000
- Pollen allergy – 2006

- Bird flu – 2006
- Short sightedness – 1998
- Dengue Virus - 2009
- Swine flu - 2010

Physics

- Nuclear fission – 1986, 1987, 1998, 2001
- Fusion – 1986, 1998, 2001
- Radioactivity – 1989, 2008
- Law of gravitation – 1992
- Conductor – 1998
- Resistor – 1998
- Transistor – 1998
- Escape velocity – 1999
- Optic fiber – 2003

Inventions of Science

- Laser – 1986, 2001, 2003, 2007, 2008
- Pesticides – 1990, 1995, 2000, 2002, 2003, 2010
- Semiconductor – 1990, 1998, 2000, 2008, 2011
- Antibiotics – 1989, 1996, 2001, 2002, 2011
- Antibody – 1998, 2011
- Ceramics – 1996, 2001, 2007, 2008
- Telephone – 1990, 1994, 2000
- RADAR – 1986, 2001
- Vaccine – 1990, 1996, 2001, 2011
- Television – 1999, 2001
- Plastics – 1986, 2008, 2011
- Fertilizers – 2002, 2004, 2011
- Microwave oven – 2001, 2008, 2010, 2011
- Immunization – 1995
- Transistor – 1998
- Escape velocity – 1999
- PVC – 2001
- Tape recorder – 2001
- Camera – 2008
- Teleprinter- 2009
- Vacuum Cleaner - 2009

- Microwave oven – 2001, 2008
- Pace Maker – 2010

Miscellaneous

- Ultrasonic waves – 1986, 2005
- Plaster of Paris – 1998, 2006, 2010
- Radio waves – 1990
- Scavenger – 1998
- Superconductivity – 2004
- Night Vision Technology – 2004
- Supersonics – 2006
- Short circuit – 1998
- Shockwaves – 2005
- Second barrier – 2005
- Solar cell – 2005
- Reaction time – 1998
- Quartz – 2003
- Allele – 2002
- Pressure cooker – 2001
- Paramagnetism and diamagnetism – 2001
- CNG – 2001
- Super fluid – 2005
- Photovoltaic cell – 2005
- Theodolite – 2006
- Hygrometer – 2005, 2010
- Role of Nitrogen and phosphorous in plant – 1990
- Modulation – 1995
- Saponification – 1997
- Nuclear reactor – 2007
- Hydrometer – 2010
- Plaster of Paris – 2010
- Perimeter – 2010
- Telemeter – 2010
- Microscope - 2011
- Telescope - 2011
- Ultrasonics - 2011
- Infrasonics - 2011
- Antigens - 2011