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ENGLISH (C) NORMAL PAPER-II

(MODEL PAPER)

Annual Examination 2021

Max. Marks: 50

SECTION 'A' MCQs

Time: 50 Minutes

1. Choose the correct answer for each from the given options:

- i) In 'Twenty Minutes with Mrs. Oakentubb', the Porter says that his job is fit for:
• lap dog * shaggy dog * bull dog * pet dog
- ii) Liaquat Ali Khan delivered his speech in the University of:
• Punjab * Karachi * Kansas * Texas
- iii) The word Polytheist means one who believes in:
• one God * many gods * two gods * idols
- iv) Hugh the Miller has:
• 4 milch cows * 5 milch cows * 6 milch cows * 7 milch cows
- v) Twenty Minutes with Mrs. Oakentubb is notable for its skilful manipulation of:
• tragedy * comedy * suspense * seriousness
- vi) During the early part of T'ang dynasty, Europe was sunk in:
• chauvinism * nepotism * barbarism * extremism
- vii) Einstein believes that every man should be respected as an individual and no man be:
• satirized * ridiculed * idolized * subjugated
- viii) It is a fruit that must be earned before it can be enjoyed:
• lemon * tyranny * liberty * peace
- ix) According to Einstein, true democracy found in:
• Pakistan * India * America * England
- x) The Devoted Friend has been written by:
• Albert Einstein * Frank Arthur * Oscar Wilde * John Galsworthy
- xi) Second childishness is this stage of man's life:
• fourth * fifth * sixth * seventh
- xii) The feats of strength are performed by:
• Milton * guide * Samson * John
- xiii) In 'Say Not the Struggle Naught Availeth', tired waves of the ocean give the message of:
• struggle * effort * hard work * strength
- xiv) The Seven Ages of Man was taken from:
• Midsummer Night's Dream * As You Like It * Twelfth Night * The Tempest
- xv) Samson had been taken captive through the treachery of his:
• father * brother * wife * sister
- xvi) 'No nightingale did ever chaunt, the line is from the poem:
• Samson Agonistes * The Solitary Reaper * The Lost Star * Endymion

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SJ Ball



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notes 323 nuclei and radioactivity physics module 7 atoms and nuclei z explain the growth and decay of radioactivity in a sample z calculate the half life and decay constant of a radioactive substance and z explain the uses of radioactivity in various fields 26 1 the atomic nucleus soon after the discovery of nucleus in an atom by rutherford in 1911

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quantum physics yet even though it has only 10 15 of the volume of the atom the nucleus contains more than 99 9 of the mass of the atom the nucleus is very small but very massive that was not predicted try to imagine the surprise and disbelief of scientists in 1911 when ernest rutherford discovered this incredible fact

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radioactivity some nuclides have an atomic nucleus that decays spontaneously without any external influence known as radionuclides they transform themselves into other nuclei ionising radiation is emitted during this process this is known as radioactivity

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it some future development of atomic theory perhaps a modification of the thomson model would most likely yield a causal explanation of radioactivity in terms of the internal structure of the atom

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atomic physics deals with the atom as a system consisting of a nucleus and electrons nuclear physics deals with the nucleus as a system consisting of nucleons protons and neutrons the main difference is in the scale while the term atomic deals with 1Å 10⁻¹⁰ m where Å is an ångström according to anders jonas Ångström the term