

SECTION - III NON-FICTIONCHAP. - 06 On SCIENCE FICTIONIsaac Asimov

ABOUT THE AUTHOR :- Isaac Asimov is a well known essayist of English literature. Isaac Asimov, a Russian born American author and bio-chemist has invented science fiction as new branch of literature in which he explains science concepts in a historical way.

SUMMARY :- As the author to this essay, in its two parts - the Pre-Scientific Universe of Science Fiction; is a bio-chemist and renowned for writing science fictions and science books, it is natural that he is here talking about science fiction with introduction on their origin, the events, human instincts and the name by which these science fictions were called during pre-historic period. He first starts with story as essence of writing on each and every mode, manner, intention etc. He tells magnificence of story, its origin through human beings gregarious interactions, collections, conversations, gossips etc.

The author says a story may involve not the clash of baseball and bat, or of hockey stick and puck, but of gas-gun and sphere in an atmosphere enclosed on a space station under zero gravity. Fictions are written by taking

into consideration, the stages of development in the fields of science & technology at the current level and the author imagines the phenomenon; these subjects will do in future. Economists, sociologists and meteorologists are followed in their principle and it may or may not be accepted as reality however, nearer to reality. The author considers all ancient stories as science however, nearer to reality. The author considers all ancient stories as science fiction or in brevity, he refers it. He takes the priest, magician, wizard and shamans as scientist, the modern scientists. Their phenomenal acts and the details is therefore, as per learned author, science fiction of pre-historic period.

SHORT ANSWER TYPE QUESTION:-

Q1) What gives science fiction its validity?
Ans Science fiction has its validity and it can be stated. It's positive and rational thinking of human beings. Self study of the period before 1800 including pre-historic period, an intense study of the human feelings, sentiments and their manifestation in imaginary figures of details.

Q2) Why does the author impose a condition of public awareness?
Ans It is because the ideas, the raw material & O

brain, generated by watching through eyes, ear, tongue, skin and nose all sensory organs, cannot be said scientific or based on logic or unaffected by ego, affection, petty interests, prejudices and stereotypes, discrimination. When raw material is not available in its filtered form, the mechanisation inside brain is disrupted and sometimes, the energy, without proper outlet left for emissions, manifestations in emotional outbursts or countless offences committed in the society.

Q3) What difference does the author tell between pre-scientific universe and the universe of science fiction?

Ans He tells that pre-scientific universe existed parallel to the universe of science fiction, is filled with ideas and imagination and it manifests in torment, oppression, suppression, extortion, extermination while universe of science fiction gives catharsis to longing for wonder.

Q4) Why does the author says that pre-scientific universal can also be understood from the eye of a science fiction also?

Ans The author appreciates the phenomena of nature and tells ~~how~~ that scientists know how to adjust with the nature. They were a few people hence, masses were under their natural ruling which ~~is~~ was accepted as reverence to these people.

He indicates ruling under these orders in the feudal system had lasted longer than any other governing systems interpreted in political science. People were unknown to laws of nature and just in nursery of that universal faculty.

LONG ANSWER TYPE QUESTIONS :-

Q17 What are the pitfalls that the writer of science fiction mystery must guard against?

Ans Pit falls in selection of plot for writing science fiction - This can be described as follows -

i) To assemble the events and people ~~with~~ without proper scrutiny and scientific observations.

ii) To give place myths, legends and hearsay in the subject-matter of science fiction.

iii) To abandon an application of mind and inter-mix of scientific rules and laws.

iv) To give place literature experts without mentioning scientific phenomena analogous to the events.

v) To curtail the ancient myths, legends with the \odot Q rays with an immediate effect without taking pain if these can be explained in the light of the facts discovered by scientists.

vi) To start writing science fiction without the least knowledge of laws, assumptions, dictum potentials and possibilities of science.

vii) Non-application of speculation or Q-rays when facts are duly compiled but any clue is still beyond reach.

Q2) The difference that science and technology have made to everyday life today was visualised in science fiction fifty years ago.

Ans Following may be taken as the important point for discussion -

- i) Science Fiction is a finding of science in the womb of history; ancient as also modern history.
- ii) Each though in the form of imagination takes birth in an individual mind. Here from fantasy to observe, lab., work, reading, recording, writing, re-writing, evaluation, assessment & review start growing up to its prime.
- iii) There are number of scientists whose inventions are solving in ~~our~~ vaults owing to any one or other reasons.
- iv) It's common faith on legends, fictions, wizards magic, shamans etc that runs ahead of appearance of ~~the~~ science. Science is understood only when stiff circumstances are formed but it too is evaporated like a camphor ball when circumstances take again a comfortable and companionable turn in any country or region.

v) The author says, that people invent formulas for placating the gods and persuading them to do the right thing. We all continue to faith in them even though their predictions seem to match reality only erratically at best. :-

vi) Public-awareness takes years to recognise advances in science and technology that are bound to make the future different from the present and the past



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and this is the reason, it is delayed.

Conclusion :- On the above said grounds, it is concluded that the state of ignorance in varied forms and at varied levels; progress in the field Science and technology can get space for its manifestation at least, five decades of its gestation. In the present time Science and modern Technology are very progressing.

