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Topic: An investment in knowledge pays the best interest.

I. Introduction

Thesis Statement: Undoubtedly, an investment in knowledge provides the best outcomes for an individual, society, and a state.

II. How investment in knowledge pays the best interest:

A. Provides adequate skills for employment

1. 3E's by Tariq Banuri, Former Chairman HEC.

B. Develops ~~positive~~ personalities of individuals

1. Kim Jong Il: Impact of Western Knowledge on his personality

C. Generates independent thought and creative skills leading to innovations.

1. Elon Musk and Story of Tesla Company

D. Brings ^{peace &} Harmony in a Society

1. Case Study ^{ies} of Finland and Canada

E. Eradicates Social Evils from a Society.

1. ~~Least Crime~~ Ratio State of Medina:

Education as founding block.

F. Awareness in masses strengthens the democratic process in any country.

1. Direct Democracy of Switzerland:

Public Discussions at Various Levels for Policymaking.

^{Positive}
G. Historical Record of a Nation promotes Patriotism

1. British Nation: Proud of their Democratic History

1.1. Dicey's proud articulation of rule of law:
Unique Feature of British Democracy
Refuge of Voltaire

H. Competency brings effective functioning of Institutions

1. Role of Technocrats in Senate of Pakistan

2. University heads: The Most Experienced People of their Field.

I. Realization of Rights by citizens ensure 'Rule of Law' in true spirit.

1. Bill of Rights: Reflection of Citizen Attitude

J. Enhances the quality of Leadership

1. US President: Leader of Highly Knowledgeable and Educated Nation.

K. Required Need of Skilled Workforce for a Nation is Achieved: Positive Economic Development.

1. Dr Mahatma Muhammad's policy to decrease brain drain.

^{Technological}
L. Establishment of Scientific Institutions produces the new Scientific Inventions:

^{Technological}
Science Technology as new Mode of Global Power.

1. MIT, USA: 'Birthplace of' Minicomputers and 'the Modern Robots'

III. Why an investment in knowledge pays the best interest

IV. Conclusion.

Yuval Noah Harari, in his book 'Nexus (2024)', argues that the development of humanity has been possible with the transmission of knowledge. His primary argument is based on the overall historical record of humanity. As the humanity became more populous, there arose a need to unite them. This unity, in his argument, became possible through the communication of gossips. These gossip groups served as primary medium of information. A further emphasis on the outcome of knowledge is provided by him in the words, "The development or destruction of modern nations depends on the flow of information." Undoubtedly, an investment in From this discourse, it is clear: undoubtedly, an investment in knowledge provides the best outcomes for an individual, a society, and a state. ~~At~~ an individual level, an investment in knowledge provides adequate skills for employment; develops personalities of individuals; and makes an individual able to generate independent thought and creative skills necessary for innovations. From a societal standpoint,

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it brings peace and harmony in a state and eradicates social evils from a society. Additionally, ~~an~~ awareness in masses also strengthens the democratic process in a country. Apart from that, ~~it~~ a historical knowledge of a nation promotes patriotism. On ~~the~~ scale of state, competent individuals brings efficiency in institutional-functioning, and true realization of rights by individuals ensure 'Rule of law' in true spirit. Furthermore, an investment in knowledge enhances the quality of leadership and completes the required need of skilled workforce for a nation to prosper. Establishment of technological institutions also produces new technological inventions. Thus, this ~~essay~~ The reason behind these best outcomes ~~of which~~ knowledge investment in knowledge is: modern relevance of knowledge in every spectrum of human life. Thus, this essay discusses proves how an investment in knowledge pays the best interest, and it also delves into reasons of why these best outcomes are achieved.

To begin, an investment in knowledge equips individuals with adequate skills for employment. As the modern market demands certain skills from individuals to provide them employment, the ~~modern~~ knowledge based upon skills fulfills this requisite. It is imperative to invest in such knowledge to attain this

desired outcome. To support this argument, it is relevant to mention the research of Tariq Banuri, Former Chairman HEC, Pakistan. In his essay, 'Rescuing Education (2023)', he argues that 3Es: Education, Employment and Engagement, remain interconnected. He further argues that only through meaningful education based on contemporary knowledge set, Employment can be attained. In his view, modern markets require ~~mod~~ analytical abilities and problem-solving techniques rather than conventional cramming skills. The author makes it clear that investment in these skills can ensure ^{only} true benefits ~~reaped~~ in this age. Thus, investment in this modern knowledge provides the best outcome ~~s~~ of employment.

Furthermore, an investment in knowledge develops ~~the~~ an individual's personality. A significant impacts of knowledge on the enlightenment of an individual's personality are manifestly clear. The knowledge of inclusive nature transforms one's personality ~~into~~ by making him adoptive and tolerant. For instance, the Supreme Leader of North Korea Kim Jong Un received his early education from Private International School of Berne, Switzerland. During his studies, the leader learned the Western values such as democracy, inclusivity, and respect for individual rights and liberties.

As the Supreme leader returned ~~to~~ ^{to} his home country to continue the family's rule, visible changes in administration of government were observed. He turned a typical dictatorship into a moderate authoritarian government. While the strong hold continued, major changes such as increased flow of knowledge and establishment of recreation clubs ~~to groom the masses~~ remained the key developments. Hence, an investment in individual's knowledge makes him an adaptive and tolerant person.

An investment in knowledge also equips an individual with independent thought and creative skills which leads to innovation. A knowledgeable individual possesses the art of creativity compared to his ignorant counterpart. Through knowledge only, one can think out of the box, consequently, he produces something new. Elon Musk is a premium example in this context. He follows the first-principle technique for problem-solving. As per this technique, problems are divided into smaller parts until no more parts can be made. Consequently, an independent thought is generated. The creativity of Mr. Musk can be observed ~~into~~ ^{from} the unique innovations done by Tesla Company. Tesla electric vehicles, a revolutionary step in automobiles industry, depict this reality. These vehicles operate through electricity and save the costs of fuel. Therefore, knowledge

makes an individual creative, resultantly, he introduces innovations.

On a societal level, the best outcome of investment in knowledge is societal peace and harmony. ~~When there is an investment in knowledge~~

This propagation of knowledge in masses makes them civilized individuals. As these individuals constitute a ~~society~~.

In ~~such society~~ mitigates the chances

In such [°]society, the chances of violence and disharmony are mitigated at a significant level. For example, Finland, one of the top-ranked country in education, invests high in education. As of 2022, it ~~fixed~~ 5.1% of ^{its} GDP to Education sector.

The knowledge provided to individuals through this sector, focuses on the tolerant and inclusive behaviour which makes Finland a peaceful state. Additionally, Canada, a diverse and multicultural state, remains home to various communities. Canada has served as a finest model for states ~~with~~ ^{consisting} people ^{with} of diverse backgrounds.

This state has not only minimized the threats of terrorism, but also provided safer environment for its citizens. Canada also invests highly in education sector with inclusivity as a core-canadian belief. Thus, investment in knowledge, ^{on a societal} ~~gives~~ ^{scale} ensures peace and harmony in ~~society~~ ^{such} society.

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Moving forward, an investment in knowledge, on a societal level, eradicates societal evils from the society. Ignorance instigates an individual to indulge in societal evils. Contrarily, knowledgeable individuals, highly aware of the moral standards, struggle for adoption of virtue. This, in turn, decreases the immoral activities from a society. For example, State of Medina was founded on the core belief of 'knowledge' by Prophet Muhammad (p.b.u.h). The Holy Quran begins its message with word 'Iqra' which translates to 'read'. Before message of Islam was propagated, the Arabs society had several immoral practices such as usury, gambling, ethnic discrimination and subjugation of women. The Islamic Message not only prohibited such practice, but also ordained to quit them completely. This, in turn, reduced the harmful practices common in Arab. Thus, an investment in knowledge minimizes the immoral practices prevalent in a society.

On a state level, ^{an} investment in knowledge raises the awareness-level of masses which strengthens democratic process in such state. Literacy remains the key indicator to measure the level of democracy in a state because it shows ~~how~~ much aware the masses are. By investing for awareness of masses, a state can ensure the smooth

running of democratic process. Democratic Model of Switzerland is pertinent to back this argument. Switzerland remains a classical example of direct democracy. This model can be broadly divided into two steps in terms of democratic process. Firstly, the representatives of public are directly elected. Secondly, the policy-makers must directly consult the public ^{for any} ~~for any~~ ^{formulation of} future policy. Under this process, the people of Switzerland engage in discussion from local levels to national levels. This, in turn, ensure that value of public voices is preserved. This preservation of public voices remains the foundational block of any democracy. Thus, states ~~can~~ strengthen the democratic process by investing in the awareness of masses.

Furthermore, ^{promoting the} ~~promotion of a~~ positive historical record of a nation ensures the practice of patriotism in masses. Nations, who don't learn from their history, are not the nations truly. The historical achievements of a nation makes the masses develops a sense of national proud. Consequently, emotion of patriotism for homeland grow in the veins of common public. For example, British nation remains proud of their historical struggle for democratic values. Undoubtedly, there is

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a long history ^{of} their democratic struggle. This sense of patriotism can be found in the writings of A.V Dicey, a prominent English Jurist. In his work 'Treatise on the Rule of Law', he quotes the example of Voltaire, a French ~~political~~ rational philosopher. He was exiled from France because of certain allegations on his work. He was not granted the right of fair trial. In Britain, he was given refuge. Dicey proudly appreciates this country for ~~that~~ unique standing. Therefore, propagation of positive historical achievements develop patriotism in a nation.

Additionally, knowledge ensures competency which brings efficiency in the functioning of institutions. Highly qualified people with expertise knowledge ⁱⁿ of the concerned department run the institutions effectively. If the same institutions are headed by incompetent individuals, the disfunctioning of institutions becomes an inevitable result. For this reason, the Constitution of Islamic Republic of Pakistan, 1973, fixes standard seats of technocrats in Senate of Pakistan. The law stipulates the qualification standards as well. In the process of legislation, legal experts ^{can only} provide the best insights. Apart from that, Pakistani Universities are headed by skilled individuals with relevant background in the field of education. The minimum qualification for appointment of Vice-Chancellors of

universities is set upto the Post Dou degree. These stipulations are specified in law to ensure smooth ~~for~~ working of government machinery. Thus, investing in competency ~~being~~ ~~directly affects~~ the functioning of institutions. ^{positively effects}

Moreover, knowledge of ^{their} rights to individuals ensures the rule of law in its true sense. Awareness and realization of rights serves as a mean to enjoy the legal rights. This realization can only be possible if the individuals are given knowledge of such rights. For example, Declaration of Independence by American people freed them from the alien rule of British Empire. This struggle incorporated into them a high respect for individual rights and liberties. After this realization, the Bill of Rights was enacted which legally protected rights including equality before law. This, in upcoming times, ensured the rule of law in America. All this has been possible with their knowledge and realization of rights. Hence, realization of rights contributes to the rule of law in a country.

In terms of political process, enlightened nations possess the finest quality of leadership. Knowledgeable people elect the most competent faces

to rule them. These individuals are more aware of the political process, and they possess critical-thinking skills. So, they elect the most possible competent leaders. In this context, U.S. Presidential elections are the key example. During this process of elections, two modes of voting are followed. First, the candidate gains the confidence within party through intra-party elections. As the nominees are finalized by the party, the next step remains ^{the} national election. Both these processes are rigid, and only the most competent individuals get the route to Oval Office (U.S. Presidential Office). Thus, knowledgeable nations get the competent leadership.

In the field of technology, investing in the establishment of educational technological institutions provide the results into new technological advancements.

The role of technological institutions in producing the expert scientists remains undeniable. These experts, in result, invent new and unique technological gadgets or instruments. ~~For example~~ In modern age, it pays the state by making ^{her} globally dominant ~~as~~ as the modern power lies on technological advancement. For example, Massachusetts Institute of Technology (MIT), a renowned technological institution, have invented unprecedented ~~ad~~ gadgets. They include mini computer and modern

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robots. The mini computers proved to be one of the most convenient ~~ins~~ machine which has surely benefited mankind. This invention paved the way for future developments of modern machines. Furthermore, modern robots are also a worth-appreciating invention from MIT. These robots, in modern applications, are used in various sectors such as education, military, health, business etc. Through these technological advancements, the United States of America (USA) gained global dominance. Hence, investing in technological institutions paves the way for global dominance of a country.

The previous paragraphs discussed the manifestations of how an investment in knowledge paid the best interest. The forthcoming paragraph explores the reason why an investment pays the best interest.

An investment in knowledge pays the best interest because of the need of knowledge ~~for humanity~~ to ~~the~~ continue the progress. Without knowledge, progress of humanity could never be achieved. It is the knowledge which lets the modern-man stand ~~where it is~~ to its current position. As Sir Francis Bacon has said, "Knowledge makes the man perfect". This continued

desired for perfection has fueled the man to struggle for knowledge. From the primitive societies to the man of modern world, the greed for power has been the most common instinct. In this modern world, power can only be achieved through education. Therefore, the reason ~~for~~ which justifies the best outcome of knowledge is the progress found in the instincts of the man.

In a nutshell, investment in knowledge provides the best outcomes for an individual, a society and a state. Through the knowledge only, an individual gains employment in modern markets; grows one's self; and generates creative reasoning.

~~As~~ The previous ~~disc~~ discussion also ~~clarifies~~ justifies the need of investing knowledge at a societal level. The primary advantages being the societal harmony and elimination of evils from a society. Furthermore, the investment in knowledge, ~~on~~ a state level, provides the desired results such as smooth functioning of democratic process in a country, enhancing patriotism in a nation, and ensuring effective functioning of institutions. Furthermore, it ensures rule of law, quality leadership and scientific innovation. The previous

discussion also considered the relevant examples proving the proposition. A further inquiry into reasons for this best outcome is found that ^{the} a persistent desire of mankind for progress.

The whole discussion indicates that it is impossible to achieve the progress if there is no significant investment in knowledge. As

B.B King has said, "The beautiful thing about learning is nobody can take it away from you".