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Online education is not only convenient but often more effective than traditional instruction classroom instruction:

2. Introduction:

thesis statement. The governments are working for the implementation of online learning, because it is more convenient and effective than traditional

a. An insight to online and learning. traditional classroom learning.

3. what is online education and how it penetrated into Pakistan.

4. Convenience of online education.

a. Inculcates the importance of using technology in students.

b. online education is cost-effective.

c. It can enroll more students than traditional classroom.

d. Students can manage it (E-learning) with jobs.

e. online education is time-effective.

f. It provides an excess to all alike.

g. Easily manageable for government in terms of finances and administration.

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5. Steps taken by government to advance/promote online learning.

- a. Prime minister laptop scheme
- b. Subsidized internet packages.
- c. Agreements with multi-national technology companies.

6. The effectiveness of online learning.

- a. The ratio of enrollment shows that it is more effective.
- b. The retention rate is higher than traditional classroom learning.
- c. More frequent assessments reduce distraction.
- d. The popularity of online learning manifest its effectiveness.
- e. Online learning is the greener option.

7. Conclusion:

Essay: 3

According to World Economic Forum, "Access to quality online learning is an important step in helping people future-proof their skills and seek new opportunities for growth and development." Retrospectively, the 20th century is marked by the increased impetus on the importance of education. Various innovations were placed to improve the effectiveness and significance of learning. At the close of 20th century and in the beginning of 21st century, a new development has changed the course of traditional education, and that new development is the online learning or E-learning system in the wake of modern science and technology. Online learning serves many various conveniences and effectiveness. Its conveniences are like time effectiveness, easy access and can manage a huge of students, which traditional classroom learning failed to handle. Moreover, the manifestation of its effectiveness are that online learning is the ever greener option, which is clear from the enrollments that are undertaken. Therefore, the

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government of Pakistan has planned measures to further increase the popularity and scope of online learning. This is more effective and convenient as compared to traditional classroom learning. Furthermore, not only the government of Pakistan but the entire world is working upon online learning. And till now they are successful in the implementation of online education in universities and other educational institutions.

The aim of both online education and traditional education is the same and that is to educate the people, but the way they are educated is slightly different. Online education is the education and learning, which one receives sitting in the far flung areas. While using technology, he/she gets connected to the mentor. It's necessities are an android phone with oriented application and a data package. It is devoid of environmental factors and disease issues. While on other hand, traditional classroom learning is the manual meeting

and interaction of both learner and mentor. there is no other option except coming physically close together. the environmental factors and other transports are also included. So to cut the long story short, in terms of expenses and other environmental factors, online education precedes traditional classroom learning.

online education system entered into Pakistan in the wake of covid-19. when all the educational institutions were turned off, they proposed to impart education to the learners through online medium. the most vibrant application used amidst covid-19 was zoom. which is an application used for both video and audio purposes. moreover, this platform was used for contents sharing between the sender and receivers. this application can include numerous participants at one go. In a nutshell, the procedure of online education applied amidst covid-19 was successful and the students were awarded certificates at the completion of their courses.

online education enforces the awareness among students about using digital and other kind of technologies. To impart online education, is almost impossible without inculcating the importance of technology into the minds of the students. The increased impetus in using online technology shows that the importance of digital technology is inevitable. According to Ali Sajjad, who is a tech-consultant, "Several universities of Pakistan shifted towards online education, enhancing the learning process and making education more inclusive". Thus, to meet the end and impart quality education without exemption for any one, both the learner and teacher are successful in knowing the importance of technology.

online education carries high impacts and importance, along with that, online education is cost-effective. In the arena of online education, there is zero tolerance for standard or low-standard education. It implies equal opportunities for all alike. Online education can bear poor and rich alike. According to ResearchGate,

in the wake of modern digital education in Pakistan, there is no disparity on the basis of class or gender. Therefore, to abolish the superiority and inferiority of education, online education is proposed to eradicate it and make education bearable to all alike.

Online education can enroll more students than traditional classroom learning. Pakistan is an under-developed country and numerous students were out of schools, because they could not bear the expenses. With the advent of online education, they are also able to benefit from it. According to Labour Force Survey, in 2021 the literacy rate in 2021 was barely 62.3%, but in January 2023, it raised to 66.9% because of online education. Till now, online education is much successful in shaping increased enrollment. Moreover, in future, the chances of enhance enrollment is also visible, which can help Pakistan to cultivate the youth bulge.

Online education is more accessible as compare to traditional classroom learning, because it can be manage with job and other works. The online learners can attend the classes as well as give services to the country. It will enhance the work capability of labour in Pakistan. Pakistan is an under-developed country and cannot compromise the work force. According to Pakistan Languages and Humanities Review, an increased ratio has witnessed by higher education in the enrollment of the students holding jobs. In fact, skills system is the bone of contention of Pakistan, it will not only lessen the burden of jobs but also helps in producing skilled and experienced workers.

Down the list, online education is time-effective. It bypasses the extra travelling to the classrooms and through traffics and other natural hurdles. The learners can utilize the effective and selected times with only fruitful contents and assessment sharing. According to

National Institute of Health, different studies have found that participants learn five times more material in online learning courses than in traditional face-to-face courses.

Thus, they acquire more materials and learning in a less possible time. Online education cuts all the hurdles which are a cause for time waste, as they are there in traditional classroom learning.

Online education is a key driver for gender equality. It implies education on equal footings without pointing and recognizing on the bases of gender. Moreover, online education keeps access to the societies who are more patriarchal and stereotypical. Gender parity index ranked kept Pakistan on 151 out of total 153 countries. But there is no segregation in online education for either sex. This bridges the genders together, and provides equal education in terms of teaching and contents sharing.

online education is easily manageable for government in terms of finances and administration. The government of Pakistan has less resources to invest on education including buildings and other necessities. On the other hand, online education is one time investment and does not need any other administrative body to look after. Each of the teacher is responsible for one's own usage. Therefore, the GDP that is committed to education, can be use for other branches of human development. As Pakistan is facing multi-faceted problems and it can convert this capital into other sectors for the development.

Keeping the entire discussion in view, the convenience of online education is higher than traditional classroom learning. Moreover, the government has also proposed some measures to uplift and promote online education. Especially, in the wake of technological revolution, the government is more committed to shift traditional classroom learning to online learning.

The government of Pakistan planned to award laptops to those students who keep distinction in one's class. In the wake of technological advancement, the government of Pakistan decided to award the laptops even to average students as well. The scheme was started in 2014 and turned off in 2018. In the wake of Covid-19, once again it opened for students because the traditional meeting in the class was not possible. The scheme aims to bridge the digital divide and enhance access to information technology for students across the country.

Moreover, the government of Pakistan promised the subsidized internet packages. So, to make the access of student to the learning sure, those subsidized packages ran till the reopening of the physical classes in universities and other educational institutions. The sole aim was to keep the students connected under SOPs precautions. Keeping the Covid-19 crisis and intact education, the

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government of Pakistan was appreciated. For the curb and control over corona on one hand, and a smoother run of the social, political and economic affairs on the other hand. Therefore, the subsidy given for the purpose was achieved and the institutions kept the students intact for imparting education.

For the increase in awareness of people about technology, the government of Pakistan signed numerous agreements with multi-national companies and organizations. Like Pakistan signed Memorandum of Understanding with Saudi Arabia, which will provide chance for Pakistani students to acquire Information Technology in multiple companies of Saudi Arabia. Moreover, with the help of China, Pakistan will develop Special Technology Zones in the country to promote IT/ITES growth. However, certain barricades are there in the way of Pakistan to fully digitalize, but still a big portion of assignment is completed to achieve the goal of digitalization.

The government of Pakistan is still working upon the development of technology. The ~~to~~ home work that is undertaken till today is not enough but the journey is continuous ahead. It can take few years ~~for~~ towards a fully-bright future, because the effectiveness of online education is inevitable and unsurpassing.

The increased enrollment in the online courses show that online education is more effective than traditional classroom teaching. The students in Pakistan are learner for the family on one hand and educate themselves on the other hand. Their curiosity for education compell them to take part in online education for which they are unable to take part in traditional classroom learning. According to Hamdard university, Karachi, the online education in the start of covid-19 was not satisfactory, but later on it got a satisfactory trajectory which is continue till now. This gained impetus will further develop with the passage of time.

Thus, online education is committed to meet its end. And impart education with the least of resources to the desirous students.

The retention rate in online education is much greater than traditional classroom learning. As 21st century is marked by the revolutionised education and the experts are committed to impart more learning in a less possible time. Secondly, the retention power is proportional to zero environmental barricades. Online education is devoid of natural and environmental hurdles. According to Heyman, the retention power of learners in online education is 10-20% more than traditional classroom learning. Which is the reason of online education effectiveness and increased popularity, imparts more in its cheaper account.

Online learners are more frequent in assessment with less disruptions. The urgency that was imposed on education (physical classroom tutoring) in the midst of Covid-19, the developing

Country like Pakistan shifted towards online education. which was the only bearable option and cheaper as well. In order to benefit this opportunity, the students and learner checked and assessed more assignments as compared to previously physical classes. According to Pakistan Health institute, the ratio of assessment in online education was 20% more than the traditional classroom learning. which is a big achievement in the part of learner and for Higher Education on the other.

Furthermore, the popularity of online education is the manifestation of its effectiveness. Across the world, numerous educational institutions switched towards online education in the wake of covid-19 and they continued on online education after the pandemic. Pakistan is still practicing online education because it yields good results so far. According to a report in July 2023, the Higher education claimed that about 60% of the educational institutions are still using online education as a source

of transmitting knowledge to the learner. these postulates collectively are the evidences that online education is more effective as ~~for~~ it provides good goals and endeavors.

Online education is the greener option left with the government. As other sources contribute towards the pollution and other health issues including noise and traffic. In order to curb these issues, the government can easily apply the tool of online education because Pakistan's population is largely based on about 70% of youth and they want education and go to physical classes for education. And secondly, climate issue is the brunt of the contemporary era. To cap this issue is inevitable and could not be underestimated. To shift towards online education falls in the interests of the entire world and consequently, they are committed for this shift.

In a nutshell, online education is more effective and convenient as compared to traditional classroom learning. The distinction between online and traditional classroom learning is that the former is done without physical interaction and the latter is impossible without physical meeting. Moreover, the convenience of online education is inevitable and uncompromising. It includes the bearing of numerous students in one go, cost and time effective, and most importantly, it inculcates the awareness of technology in the learners. Without which life would not be possible in the upcoming few decades. Therefore, the government of Pakistan has undertaken certain steps for the enhancement of online education in particular and modern technology in general. Furthermore, online education bore various effectiveness and more probably, it is environment friendly. As environmental issues are mounting high and the entire world is struggling against it. So, the convenience and effectiveness of online education is more than traditional classroom learning.