SOCIO-FINANCIAL APPROACHES OF ISLAM: PANACEA FOR PANDEMIC PREDICAMENTS

Dr. Muhammad Riaz Mahmood, AssociateProfessor, Department of Islamic Studies, National University of Modern Languages, Islamabad,Pakistan, riaz.mahmood@numl.edu.pk

Ahmad KhawarShahzad, Doctoral Candidate (Management), PUTRA Business School, UPM, Malaysia, pbs19104113@grad.putrabs.edu.my

Dr. MuzammilKhurshid, Assistant Professor, Department of Banking and Finance, University of the Punjab, Gujranwala Campus, Gujranwala, Pakistan, <u>muzammil.khurshid@pugc.edu.pk</u>

Dr. Ihsanur Rahman Ghauri, Associate Professor, Institute of Islamic Studies, University of the Punjab, Pakistan.

Abstract

Purpose: The objective of the study is to assess and accentuate theimpactof diverse approachesadvanced by Islamic social finance to combat pandemics, predominant historically in distinctivecivilizations. The astute study also expounds intellectual and practical attributes for a staunch financial maintenance of pandemic distressed individuals. **Methodology**: Approaches related to analytical and qualitative research have been employed by using different research articles.

Findings:Pandemics are perilous for the whole humanity; that's why, Muslims coped withpandemics by dint of their wisdom, knowledge and techniques by employing the revealed injunctions of Quran, Sunnah and Islamic Jurisprudence. Islamic social finance has afforded profuse solutions to jettison the challenges of pandemics by applying various approaches related to Charity,Sadqa, Zakat,Ushr,Inheritance, Hiba, Fitrana, Waqf, Kaffaraand Qarze-Hasna. These socio-economic tools created strength and courage among individuals and state institutions to get rid of unemployment, robbery, poverty, mendicancy and other insinuations of moral and financial disorders.

Practical Implications:The study has valuable implications for researchers, scholars, academicians, economists, policy makers and disaster management related institutions, administrators of NGOs, social activists and legislators. It creates encouragement and a sense of responsibility for more investigations and planning of socio-economic policies.

Originality: The study is based on original sources and part of the innovative endeavorsin the field of finance underlining the paramountsignificance and utility of the Islamic social finance for the obliteration of the pandemic challenges.

Keyword: Islamic Social Finance, Muslims, Quran, Pandemic, Zakat, Fitrana, Waqf, Usher.

I. INTRODUCTION

Pandemics and epidemicshave a dreadfulnature with candid historical perspective. That is why, these appalling diseases are considered as the complex and multi-dimensional phenomenon, challenging the wholemankind. This intricate enigmatriggered prodigious ravages to prosperity and production, menacing the socio-economic scenarios pertaining to industry, business, culture, tourism, transportation, sports, education, health and the different sectors of (McKee and Stuckler, 2020). These mortal diseases have adversely affected political and social systems, travelling sources, entertainment opportunities, places of worshipand holy sites (Blustein, Duffy, Ferreira, Cohen-Scali, Cinamon, and Allan, 2020). These damages cannot be measured because of its heterogeneous nature of disturbing the whole human life by different means and sources (Dols, 1979). It generated family issues and failed the planning about different development projects. The World economies and their savings collapsed severely due to this pandemic situation (Depoux, Martin, Karafillakis, Preet, Wilder-Smith, and Larson, 2020).

Different Muslim societies experienced these diseases in variousepochs in different regions of the world. The Holy Prophet (PBUH) and his respected companions confrontedwith an epidemic at the time of migration from Makkah to Madina. Hazrat Umar Farooq (R.A) adopted an ideal strategy during the plague of Syria. Different Umayyad, Abbasid, Ottoman and Mughal rulers had to espousedivergenttechniques and methods to eradicate the outbreak of pandemics and epidemics. It is striking reality that the Muslims made noteworthy endeavors to exterminateoutbreaks. They have taken long-term steps to diagnose these diseases, prepare medicines and treat the patients in a good manner. The provision of adequate education and training for precautionary measures and state arrangements were also ensured by the Muslim rulers (Dols, 1974). The exemplary response of the Muslim communities was based upon the Islamic teachings of Quran and the Sunnah of the HolyProphet (PBUH). It is a matter of immense satisfaction that Islam took a

number of social, economic and financial measures to eradicate pandemics, encouraging people to help the sick through zakat, ushr, charity and interest free loans.

The Islamic economic system provides courage and financial support to human beings during the spread of various natural disasters, catastrophes and pandemics. Muslims practiced an ideal social financial system which includes the tools of Zakat, Charity,Sadaqa, Hiba, Waqf, Fitranaand Kaffara.Islamic social finance develops the ability and capacity of the individuals as well as the institutions of state (Ahmed, 2007;Bayinah, 2017). It provides the financial support in different departments of the governments to reduce individual burden. It plays a remarkable role in establishing small businesses and promotion of social standards of the individuals of different societies. In this way, social challenges and vices of poverty, unemployment, begging, robbery and other deleteriouspractices can be eliminated. The financial approach of waqf in Muslim societies is strongly relevant in this case because grand projects of Muslim states have been established through this financial tool. Different educational institutions, libraries, hospitals, playgrounds and mosques were constructed and administered through the Islamic concept of the waqf.

These socio-financial tools of Islam have established and promoted peace, prosperity, security and a sense of responsibility in the social and economic domains of Muslims and other religious communities. These valuable instruments and etiquettes of social and financial development alsoguarantee the solution of human problems during any pandemic or epidemic situation. Assessing the usefulness and effectiveness of these Islamic social finance tools is a scholarly need of researchers and academicians. This research paper is presented to fulfill this intellectual, educational and academic need. Therefore, the objective of this study is to review the usefulness and utility of the Islamic social financial system in pandemic situation.

II. LITERATURE REVIEW

Manyresearchers, scholars and academicians have studied Islamic social finance and its successful utilization in different societies previously and currently (Zauro et al., 2020; Jouti, 2019; Biancone and Radwan, 2019; Biancone and Radwan, 2018; Ismail and Shafiai, 2017). Theyalso afforded intellectual opinion and guidance on its role in diversesituations including floods, catastrophes, natural disaster and pandemics. According to Biancone and Radwan (2018), the economic crisis including poverty and unemployment can be easily addressed through Islamic finance especially through its social applications tools. Thev focused on unconventional financing variedinstruments. Asalm et al. (2020) dilated upon apposite policy recommendations for economic revival amid global epidemic of Covid-19. Biancone and Radwan (2019) carried out a study on the Islamic financial perspective regarding the financing social enterprises and opinioned that Islamic finance showed progressive growth not only in Muslim countries but also in non-Muslim countries. That is why; the Islamic social finance has achieved global attention in the discussions of different ethical, social and financial developments in national and international institutions. Jouti (2019) worked on an integrated approach in Islamic social finance ecosystems for building and maintaining its sustainable impact by applying a conceptual framework that is based on a case study. Moreover, the study focused on the idea that the solution of different social problems depends upon the continuity and strength of economic and business activities. This study concluded that a responsible collaboration is highly essential between the social institutions and organizations for sustainability and productivity of Islamic social finance strategies. Asutay (2012) conducted a study on the failure of Islamic financial institutions in different social fields. He tried to locate some sources that were caused the social failure of the objectives of Islamic finance.He suggested that there should bea non-banking approach for the social and financial development of the people. It includes a proper utilization of Islamic micro-finance, Ar-rahn, Zakat and other sources of Islamic financial system.

A number of studies are available on the analysis of multi-dimentional aspects and utilization of diverse concepts related to the Islamic social finance in some regional backgrounds. Lawal and Ajayi (2019) examined the function of Islamic social finance for the alleviation of different social, financial and humanitarian problems including the shortage of different facilities in the fields of water, food, housing, health and the empowerment which North East Nigeria combatted for a long time. They stated some conceptual definitions for the explanation of different thoughts related to Islamic social finance and its tools by using a modified revenue function approach. The analysis exhibited that Zakat, Mudaraba and Sukuk have an effective role in the development and progress of different plans and projects in Nigeria.

Sadaqa and Waqf were analyzed on the basis of active telecoms line subscribers. They concluded that a useful, purposeful and result-oriented legislation must be established for a proper smooth functioning of Islamic social finance including Zakat, Waqf and crowd-funding approach. Muhammad, Maidoki and Sani (2018) analyzed the role and significanceof different tools of Islamic social finance for the empowerment of youth, especially in women, in Sokoto State of Nigeria. They considered the Islamic social finance as an intellectual, theoretical and practical approach and deliberateda valuable comparison between the Islamic social finance and the conventional commercial finance. The study also revealedthat the social finance strategy of Islamic thought is facing the challenges of continuity and sustainability due to non-availability of legal and administrative frameworks. They suggested that a campaign of social awareness should be launched for the explanation of different concepts of Islamic social finance and its practical benefits. They also mentioned the history of Nigeria including Zakat and endowment committee of Sokoto in 2007 in this connection. Kamaruddin, Muhamed, Ramli and Shukor (2016) have discussed Malaysia for different issues related to the governing of the Islamic social enterprises with the reference of Islamic philanthropic institutions. They also identified some useful approaches of the Islamic social enterprise and mentioned the significance of different Islamic charitable funds.

Pandemic situation related to novel corona virus (COVID-19) diverted the attention of several academicians and scholars to the socio-financial aspectsas a resort todifferent social, moral, ethical, psychological, economic, political and religious challenges. Alabdullah, Ahmed and Nor (2020) discussed the outbreak of coronavirus and other health issues by explaining the data of different countries and states, mentionedin the sources of the World Health Organization. They suggested that systems should be in a continuation mode during the pandemic situation. They recommended that institutions should be well-equipped to confronttheunexpected economic turmoil and its detrimental effects. They proposed innovative working strategies on digital platforms for the purpose of continuation and development in the fields of education, health, trade and security. They mentioned that organizations related to Islamic social finance commenced planning for improvement duringthe post pandemic Phases by granting several relief packages.

Few studies are available on the eradication of pandemic and epidemic issues. Islamic literature provides valuable instructions for pandemic situation in the fields of diagnosis, treatment and socio-financial support. Jorda, Singh and Taylor (2020) conducted the research that has the long-term socio-economic impacts of different infectious diseases and epidemics. The study mentions different dimensions of the core discussions about the diseases including micro-economics, assets, the rate of return, labor, security, wages, and savings etc. Faria-e-Castro (2020) analyzed fiscal policy of United States (2019-2020) during the outbreak of Coronavirus. The study discussed number of social, economic and financial issues due to the pandemic. Different challenges concerning to the collection of income tax, employment, money transfer, salaries, savings and repayment of loans appear suddenly during this scarytime. Fernandes (2020) discussed the economic effects of coronavirus pandemic on different affairs of the world. Buchillet (2007) analyzed the history of pandemics including Small Pox, AIDS, Plague and Cholera in a socio-religious background.

The literature discoursedabove exhibits noteworthy work of several academicians on varied aspects of Islamic social finance regarding pandemics situations. In the post-pandemic time, it is significant to evaluate moral, ethical, social and financial features of Islamic social finance. This research paper seeks to fulfill this intellectual, social and financial need for the prosperity and well-being of the whole mankind.

III. METHODOLOGY

In this paper, analytical and qualitative approaches of research have been adopted by the utilization of different research articles. The purpose of Qualitative (exploratory) research may be to generate new ideas, enhance researchers' familiarity with the problem through precise formulation of the problem (Naik & Dubey, 2016). Descriptive type of research is specifically designed to deal with complex social issues (Walliman, 2018). More specifically, it's descriptive study to analyze historical episodes, religion, culture, politics and geographical strategies by detailed analysis of relevant study of primary and secondary data through books, research articles, thesis, web-sites, newspapers and magazines. (Muhammad et al., 2020)used religious critical paradigm and referred (Eriksson and Kovalainen, 2015) for producing knowledge with the objective of critical research.

IV. PANDEMICS IN MUSLIMS SOCIETIES

Pandemics are dangerous and dreadful diseases that spread from person to personrapidly. These can be caused by plague, colds, cholera, measles, smallpox etc. It is generally thought to be spread by animals and birds but havingnumerousalternativesources for its dissemination. It is difficult to predict and assess the onset of different pandemics and epidemics (Hays, 2005). Various problems are triggeredby the mortal diseases and social activities including worship, politics, business, education and entertainment is adversely affected. Poverty, unemployment, inflation and deprivation rise during pandemic days. Individuals and institutions feel severe pressure in theplanning, development and launching of different projects. The shadows of disease and death prevails everywhere. An atmosphere of frustration, anxiety, loss, fear, terror and grievances is visible in a mercilessscenario. The first known event in human history of global pandemics occurred in the ancient city of Athens, Greece, in 420 BC and continued for a decade with its multi-dimensional and appallingdamages. The second major global plague occurred in Anatolia, another city in Greece, in 165 B.C and remained for fifteen years (Hays, 2005). A major plague is mentioned in the annals of history with reference to Cyprus, which commenced from Ethiopia in 250 B.C. and persisted for almost two decades. Then, it spread to other countries via North Africa, Rome and Egypt. It is said to have appeared in Britain in 444 B.C (Zelicoff and Bellomo, 2005). In the history of pandemics, the plague of Justin attacked in 541 AD with note-worthy devastations. The plague, which spread to Egypt, Palestine, and the Byzantine Roman territories, was nothing short of furious and disturbance for the Byzantine Empire of the time (Little, 2007). The United States suffered a plague in the 16th century. About ninety percent of the population fell victim to it (Hays, 2009). Another plague was experienced in China in 1641 A.D, the government of Ming dynasty could not grasp it properly which resulted in a change in power (Zelicoff and Bellomo, 2005). In 1665 A.D, the people of London had to face the plague(Hays, 2005). A study of the details of the various events associated with the long history of pandemics shows that human societies have suffered greatly. These dangerous diseases had been changing their location, duration, symptoms and effects during different epochs.

In pandemic situation, the paramount responsibilities of political and religious leaders, institutions, governments, and intellectuals augments and it is noteworthy that various political, social and religious philosophies are experienced, examined and tested. People focus on the practical application of different systems, social theories and religious theologies. They look forward to the materialistic benefits, physical convenience, financial discounts, diagnose, precautionary measures, medicine and treatment. In this context, the collective response of the followers of a religion is very important during pandemic (Buchillet, 2007). Islam is a humane, kind and merciful religion. That is why, the followers of this global religion have tried their best to protect human-beings in times of pandemics. Muslim societies have facedthe pandemics in different eons. When the Prophet Muhammad (PBUH) migrated from Makkah to Madinah, there was already a plague in Madinah. During that time, Hazrat Abu Bakar Siddiq (R.A) and Hazrat Bilal (R.A) also fell ill. The Holy Prophet (PBUH) prayed to Allah Almighty for the eradication of the disease and Madinah was saved from this situation due to the blessings of Allah Almighty (Al-Bukhari, 2015). Another disease "Plague of Amwas" spewedin the reign of second Muslim caliph, Hazrat Umar Farooq (Ibn-e-Kaseer, 2010)."Plague of Jarf" erupted in Basra during the reign of the Umayyad Caliph Abdul Malik Bin Marwan and lasted for three days. It is also known as the "Plague of Nobility" because it killed many noble personalities including men and women (Ibn ulMuzi, 2013). Different pandemics appeared several times in the era of Abbassaids. During the reign of Caliph Al-Muqtada Bi Amarillah, the plague spread in Syria, Iraq and Hijaz which killed many cattle and wild animals. A severe shortage of milk and meat was observed during this situation. The caliph declared that all people should enjoin one another to do good and forbid sins. After this pious announcement, people broke all musical instruments, bottles of alcohol were thrown everywhere and all the wicked were exiled. The disease was disappeared automatically as a result of these precautionary measures and magnificent conducts (Ibn-e-Kaseer, 2010).

Islam has focused the eradication of pandemics through precautionary measures, treatment and sociofinancial reforms as an elucidation to all social, economic, moral and spiritual problems of human-beings. The detrimental effects of infectious diseases have caused severe problems. That is why, Islamic social finance caters for various solutions to human challenges related to pandemics and epidemics. Wherever the Holy Prophet (PBUH) suggested solutions to spiritual and esoteric ailments in his life, he also disseminated instructions on preventive measures for physical ailments (Al-Bukhari, 2015). Muslim doctors conducted research and beneficial treatments of these diseases, adopted in the light of these heavenly and valuable instructions (Ibn-e-AbiAsiba, 2007).

V. SOCIO-FINANCIAL APPROACHES OF ISLAM TO COUNTER PANDEMICS

pandemics Islam impartsvarioussocio-financial strategies thrust aside to detrimental consequences. Guidance for an exemplary response in pandemic days is also provided in the reveled book of Holy Quran, instructions of the Holy Prophet (PBUH) and the observations of different Muslim scholars. Economic and financial affairs attain focal standingin the arena of collective human life. In fact, the success of material and physical life depends heavily on social behavior, economic resources and financial cooperation. In case of failure ofone's economic resources, one becomes a victim of various social problems of poverty, unemployment and mendicancy whereasfinancially-strong and affluent individuals can pay close attention to the performance of their religious obligations. Socio-economic life consists of various positive ethical activities within the limits of piety, goodness, morality and law, then a person is considered successful. In view of the importance of economic and financial teachings, Islam has addressed challenges related to the both, microeconomics and macroeconomics. How an individual should behave economically? what are the responsibilities of the state and the society in this concern? It suggests different measures for the economic well-being of the common man as a whole (Jouti, 2019). On the basis of these thoughts, Muslim scholars have played a historical role in shaping the Islamic social finance system according to their own circumstances and physical requirements. On the basis of Islamic thought, philosophy and tradition, an ideal social finance system emerged in the theoretical and practical fields of human life. This system has the outstanding qualities related to worthwhile moral values, moderation, piety, philanthropy, equality, benevolence, circulation of wealth, economic cooperation, justice and help for the disabled and needy persons. In order to refinethese constructive features, Islam has adopted the practical strategies and tools of Zakat, Ushr, Waqf, Qarz-e-Hasna, Inheritance, fitrana, kaffarah, sacrifice and Almsbequeathingfor the sake of Almighty Allah. The beneficial and justified methods of Sukuk, Mudaraba, Musharaka and Takaful have been introduced and launched for the development, nourishment and growth of different kind of economic and business activities (Muhammad et al., 2018). The main feature of thissocio-financial system is to impedeunjust measures that violate the human rights. It prohibitsthe acts related to interest, hoarding, black-marketing and over-charging.Unnecessary accumulation of wealth, stinginess, extravagance and profligacyare never liked in any form in Islam(Asutay, 2012).

For the criticalhuman dilemma of pandemics, the Muslims propounded scholarly research for practical, economic, financial, moral as well asmedical solutions forits eradication. Any society or state can alleviate many of the financial adversities of its people by strengthening the system of Zakat (Bayinah, 2017). Islamic system of inheritance is a valuable natural and revealed source of the distribution of the wealth among the diversesocial fabrics. People usually write or declare their last decision for the utilization and distribution of their property and wealth near the time of their death. Islam honors and accommodates this last decision of an individual which contains important instructions regarding the distribution of the person's wealth. By following this socio-financial technique, wealth can be distributed into different individuals or institutions. Relief packages provided by individuals and the state are also important during pandemic days. Philanthropists can help a person affected by different diseases by paying Zakat and Fitrana. The atonement system of Islam possesses multi-dimensional benefits. It eliminates sins on the one hand, and encourages financial support on the other. Undoubtedly, on the occasion of Eid-ul-Adha, the sacrifice of different kind of animals is a source for the achievement of Allah Almighty's pleasurethrough the observance of the Abrahamic tradition, but at the same time, this religious act also provides food and financial support for many people. Similarly, charity is another effective toolfor the help of needy and it has no limits. Any needy and deserving person can be alleviatedfinancially through this open option mechanism. Waqf is another Islamic socio-financial instrument that can be utilized for the betterment of an individual as well as for the rehabilitation and reconstruction of different societies. By adopting the behavior of social cooperation and utilizing the source of Waqf, cash amounts, ornaments and properties can be given to someone for individual and collective benefits (Ahmed, 2007). It is an admitted fact that interest-free loans provide financial assistance to human beings. Islam has strongly encouraged people to spend their wealth for the sake of Allah.In times of pandemics, setting stipends for people, availability of medicine and transportation, giving food and providing various necessities are in accordance with the Islamic teachings and Muslim traditions. Islamic history is replete with incidents where whenever there is a disaster, earthquake, hurricane or pandemic; Muslims ensureserious attention for a worthwhile social and financial support. The Holy Prophet (PBUH) taught to succorthe poor, to provide money to free slaves, to forgive debts, and to meet the needs of travelers. Hazrat Abu Bakar Siddiq (R.A) took steps to set many slavesfree on the guidance of the Holy Prophet (PBUH) and he paid the required amount to the masters for liberation of those slaves. Hazrat Omar Farooq (R.A) fixed the allowance of the old and needy

Jews. Hazrat Usman-e-Ghani (R.A) gave full financial help to the famine-stricken people (Hassan and Choudhary, 2019).

During the pandemics, one can improve one's life for sake of Allah's pleasure for this world and the hereafter by providing assistance and compensation to the pandemic-stricken people in accordance with the spirit of the Islamic socio-financial system. To implement the real vision of Islamic thought, the system of Zakat must be strengthened and made effective in Islamic societies wherein nobody should be granted concession in the collection of usher money. Moreover, the Islamic principles regarding inheritance must be followed stringently in the property distribution. Large stipends and relief packages should be launched by different institutions and governments for the pandemic-affected populace. Furthermore, the significance of the concept of charity must be promoted at the individual and collective level in view of the spiritual and practical acquisitions of zakat, fitrana, kaffarah, gurbani, garz-e-hasana and waqf. Special steps through the departments of education and media must be undertaken for the encouragement of spending wealth for the Will of Almighty Allah. Conferences and seminars should be organized for the promotion of distinctiveIslamic socio-financial approaches including mutual trust, contentment, patience, self-sacrifice, brotherhood, piety and cooperation. Muslim traditions regarding generosity and charity must be incorporated in the educational curriculum at different levels. The Islamic teachingsneeded be disseminated to the affluent segments for the assistance of disasters and diseasestricken people. Joint venture in different business activities, that Islam has allowed, may be encouraged.Interest, hoarding, black-marketing, stinginess and ill-gotten gains should be discouraged and opposed at all levels. Pandemics bequeathedimperativelessonsfor the whole humanity that affluent segments of societies must consume their economic resources for the education, health and development of the common people.

VI. CONCLUSION

The study intends to find, evaluate and explore the scope of Islamic socio-financial approaches to combat any genre of pandemics and its adversarial impacts. Pandemics and epidemics are caused by assorted mortal diseases (including plague, cholera, measles and smallpox etc.) which obliteratesall human domains, i.e., economy, business, health, sports, culture, tourism, transportation, industry and education. Nobody can predict the onset of any pandemic. The ancient history revealed various pandemics in Athens, Anatolia, Cyprus, Ethiopia, North Africa, Palestine, Egypt and Rome which altered their shape, locality and associated features. Muslim societies also remained victims of these appalling circumstances. They battled wisely and boldly against the pandemics with the help of Islamic thoughts by adopting different techniques througheducation, training, precautionary measures, state policies and sociofinancialactivities. They encouraged the well-off to compensate the pandemic- stricken through diverse Islamic social financing tools including Zakat, Qarz-e-Hasna, Sadqa, Fitrana, Waqf, Hiba, Kaffara, Charity and Ushr.In this glorious background, these socio-financial approaches of Islamare the imperative elucidations of multi-dimensional challenges related to pandemics. These tools have provided peace, prosperity and security to the whole humanity, including Muslims and non-Muslims. In nutshell, the Islamic social finance is a logical, justified, valuable and trustworthy system that motivates people to serve and support the human-beingsduring emergencies, calamities and pandemics.

REFERENCES

- 1. Alabdullah, T. T. Y., Ahmed, E. R., and Nor, M. I., (2020). The World Declining Economy and Coronavirus Pandemic: Systems should be Continued, RJOAS, 6(102), pp. 89-96.
- 2. Al-Bukhari, M. B. I., (2015). Al-Jamai As-Sahi, Dara ToqunNijat, Beruit, 2, Hadith: 5677, pp. 667
- 3. Ahmed, H., (2007). Waqf-Based Microfinance: Realizing the Social Role of Islamic Finance, International Seminar on "Integrating Awqaf in the Islamic Financial Sector," Singapore, March 6-7, 2007
- 4. Al-Suwailem, S. (2013), "Introduction to the fundamentals of Islamic finance", Markaznamaalilbohouthwadirassat, available at: https://suwailem.net/Home/SectionDetails/153.
- 5. Asutay, M., (2012). Conceptualising and Locating the Social Failure of Islamic Finance: Aspirations of Islamic Moral Economy vs the Realities of Islamic Finance, Asian and African Area Studies, 11 (2): pp. 93-113

- 6. Bayinah, A. N., (2017). Role of Zakat as Social Finance Catalyst to Islamic Banking and Economic Growth, International Journal of Zakat, 2 (2), pp. 55-70
- 7. Biancone, P. P., and Radwan, M. (2019). Social Finance and Financing Social Enterprises: An Islamic Finance Prospective, European Journal of Islamic Finance, pp. 1-6.
- 8. Biancone, P. P., and Radwan, M. (2019). Social Finance And Unconventional Financing Alternatives: An Overview, European Journal of Islamic Finance, 10, pp. 1-6.
- 9. Blustein, D. L., Duffy, R., Ferreira, J. A., Cohen-Scali, V., Cinamon, R., G., and Allan, B. A. (2020). Unemployment in the time of COVID-19: A research agenda, Journal of Vocational Behavior, 119, pp. 1-4. https://doi.org/10.1016/j.jvb.2020.103436
- 10. Buchillet, D. (2007). Encyclopedia of Infectious Diseases: Modern Methodologies, Tibayrenc, M. (eds.), Epidemic Diseases in the Past: History, Philosophy, and Religious Thought (517-524), Hoboken, New Jersy, J. Wiley.
- 11. Depoux, A., Martin, S., Karafillakis, E., Preet, R., Wilder-Smith, A., and Larson, H. (2020). The pandemic of social media panic travels faster than the COVID-19 outbreak, Journal of Travel Medicine, 27(3), pp. 1-2 https://doi.org/10.1093/jtm/taaa031
- 12. Dols, M. W. (1974). Plague in Early Islamic History, Journal of the American Oriental Society, 94(3), pp.371-383.
- 13. Dols, M. W. (1979). The Second Plague Pandemic and its Recurrences in the Middle East: 1347-1894, Journal of the Economic and Social History of the Orient, 22(2), pp.162-189.
- 14. Aslam, E., Shahzad, A. K., Rehman, A. (2020). Challenges to Economic Stability Amid Global Epidemic of COVID-19: Apposite Policy Recommendations for Economic Revival in Pakistan, https://papers.ssrn.com/sol3/results.cfm?RequestTimeout=50000000, pp. 01-09
- 15. Eriksson, P., & Kovalainen, A. (2015). Qualitative methods in business research: A practical guide to social research. Sage Publications.
- 16. Faria-e-Castro, M. (2020). Fiscal Policy During a Pandemic, Federal Reserve Bank of St. Louis, Working Paper.
- 17. Fernandes, N. (2020). Economic Effects of Coronavirus Outbreak (COVID-19) on the World Economy, Working Paper.
- 18. Hassan, A., and Choudhary, M. A., (2019). Islamic Economics: Theory and Practice, Routledge 332, Malaysia.
- 19. Hays, J. N., (2005). Epidemics and Pandemics: Their Impacts on Human History, Library of Congress Cataloging-in-Publication Data, pp. 9-22
- 20. Hays, J. N., (2009). The Burdens of Disease: Epidemics and Human Response in Western History, Rutgers University Press, New Brunswick, New Jersey, pp. 9-104
- 21. Ibn-e-AbiAsiba, A. B. A., (2007). OyunulAnba fi TabqatulAtibba, Dar Maktabatul Hayat, Beruit, pp. 1-200
- 22. Ibn-e-Kaseer, I. B. I., (2010). Al-Bidaya Wan Nihaya, 7, pp. 129
- 23. Ibn ulMuzi, A. H. Y., (2013). TehzeebulAhkam, MossisaturRisala, Beruit, 23, pp. 475
- 24. Jorda, O., Singh, S. R., and Taylor, A. M. (2020). Longer- Run Economic Consequences of Pandemics, Federal Reserve Bank of San Francisco, Working Paper 2020-09. https://doi.org/10.24148/wp2020-09
- 25. Jouti, A. T., (2019). Building sustainable Islamic social finance ecosystems, International Journal of Islamic Finance Vol. 11 No. 2, 2019 pp. 246-266 DOI 10.1108/IJIF-10-2018-0118
- 26. Kamaruddin, M. I. H., Muhamed, N. A., Ramli, N., and Shukor, S. A., (2016). Governing The Islamic Social Enterprise (iSE) in Islamic Philanthropic Institutions in Malaysia, Governing the Islamic Social Enterprise (ISE).
- 27. Lawal, I. M., and Ajayi, J., (2019). The role of Islamic social finance towards alleviating the humanitarian crisis in North-East Nigeria, JurnalPerspektifPembiayaandan Pembangunan Daerah, 6(5), pp. 545-558.
- 28. Little, L. K., (2007). Plague and the End of Antiquity: The Pandemic of 541–750, Cambridge University Press, PP. 3-98.
- 29. McKee, M. and Stuckler, D. (2020). If the world fails to protect the economy, COVID-19 will damage health not just now but also in the future, Nature Medicine, 26, pp. 640–648.
- 30. Muhammad, A. D., Maidoki, M. L., and Sani, U. B., (2018). The Role of Islamic Social Finance in empowering Youth and Women in Sokoto State of Nigeria, Journal of Islamic Monetary Economics and Finance, 3, Special Issue, pp 141-152
- 31. Muhammad, E., Sudarma, M., Djamhuri, A., & Adib, N. (2020). Reconstruction of Public Accountant Ethics through Hamka's Religious Rational Ethics Perspective, International Journal of Multicultural and Multireligious Understanding, 7(3), pp 16–23.

- 32. Naik, Pramod Kumar; Dubey, D. P. (2016). Research Methodology A.P.H Publishing Corporation, New Delhi-110002, pp. 10–12.
- 33. Shaikh, S. A, Ismail, A. G. and Shafiai, M. H. M., (2017). Application of Waqffor Socialand Development Finance, International Journal of Islamic Finance, 9 (1), pp. 5-14.
- 34. Walliman, N. (2018). Research Methods: The Basics, Routledge, New York, pp. 7–15.
- 35. Zauro, N. A., Zauro, N. A., Saad, R. A. J., &Sawandi, N. (2020). Enhancing socio-economic justice and financial inclusion in Nigeria. Journal of Islamic Accounting and Business Research, 11(3), 555–572. doi:10.1108/jiabr-11-2016-0134
- 36. Zelicoff, A. P., and Bellomo, M., (2005). Are We Ready For The Next Plague? American Management Association New York, pp. 1-246.