



<b>Q.No.</b>	<b>QUESTION</b>	<b>CLOs</b>	<b>Taxonomy Level</b>	<b>PLOs</b>	<b>Marks</b>
<b>Q. 01</b>	<b>Examine the reasons for the transformation of East Pakistan into Bangladesh in 1971.</b>	<b>2</b>	<b>C3</b>	<b>6</b>	<b>10</b>
<b>Q. 02</b>	<b>Why constitution is necessary for a country? Write the salient features of Pakistan constitution 1973.</b>	<b>2</b>	<b>C2</b>	<b>6</b>	<b>10</b>
<b>Q.03</b>	<b>What is importance of Pakistan's location from geographical and strategic point of view.</b>	<b>2</b>	<b>C1</b>	<b>6</b>	<b>10</b>

**Good Luck**



**QUAID-E-AWAM UNIVERSITY OF ENGINEERING, SCIENCE & TECHNOLOGY, HAWABSHAH**  
**FINAL SEMESTER REGULAR EXAMINATION OF FIRST SEMESTER – FIRST YEAR 2023 OF 22-BATCH**

**B.S (IT / AI / ENG)**

**SUBJECT: ISLAMIC STUDIES / ETHICS**

**Dated: 08.05.2023**

**Maximum Marks: 30**

**Time Allowed: 02 Hours**

**NOTE: ATTEMPT ALL QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.**

Q. No.	QUESTION	CLD	Taxonomy Level	PLO	Marks
<b>ISLAMIC STUDIES (FOR MUSLIMS)</b>					
Q. 01	Describe the Importance of Tauheed and write all its types in detail with references of Quran.	2	A3	8	10
Q. 02	Describe honour of Holy Prophet (Namous-e-Risalat) in the light of Quran in detail.	2	A3	8	10
Q. 03	Describe the concepts of Day of Judgement in religions along with Islam in the light of Quran.	3	A2	12	10
<b>ETHICS (FOR NON-MUSLIMS)</b>					
Q. 01	Write history of Hinduism and describe religious festivals of Hinduism.	2	A3	8	10
Q. 02	Write the life history of Jesus Christ and the teachings of Christianity.	2	A3	8	10
Q. 03	Write short notes on the following topics: 1. Ethical teachings of Islam 2. Ten Commandments of Prophet Moses 3. Caste System in Hinduism	3	A2	12	10

**Good Luck**



**SUBJECT: APPLIED PHYSICS**

**Date:** 25.05.2023

**Maximum Marks:** 60

**Time Allowed:** 3 Hours

**NOTE: ATTEMPT ALL QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.**

Q. No.	QUESTION	CLOs	Taxonomy Level	PLOs	Marks
Q. 1(a)	State and explain Ohm's Law with appropriate graph and mathematical expression.	1	2	P2	06
Q. 1(b)	The element of 500 watt electric iron is designed for use on a 200 V Supply. What value of resistance is needed to be connected in series in order that the iron can be operated from 230 V supply?	1	2	P2	06
Q. 2a)	What do you know about electric field? Also write properties of electric lines of force?	1	2	P2	06
Q. 2b)	Two equal and opposite charges of magnitude $2 \times 10^{-7}$ C are placed 20cm apart. (i) What is the magnitude and direction of electric intensity (E) at a point mid-way between the charges? (ii) What force would act on a proton (charge = $+1.6 \times 10^{-19}$ C) placed there?	1	2	P2	06
Q.3(a).	State and explain Gauss's Theorem.	1	2	P2	06
Q.3(b).	A spherical surface 50 cm in diameter is penetrated by an inward flux uniformly distributed over the surface, the electric flux density being $3.5 \times 10^{-7}$ C/m <sup>2</sup> . What is the magnitude and sign of the charge enclosed by this surface?	1	2	P2	06
Q.4(a).	Define Electromagnetic Induction and Discuss Faraday's First Laws and 2 <sup>nd</sup> laws of Electromagnetic Induction.	1	2	P2	06
Q.4(b).	A coil of 400 turns of wire is wound on a magnetic circuit of reluctance 2000 AT/Wb. If a current of 1A flowing in the coil is reversed in 20 ms, find the average e.m.f. induced in the coil.	1	2	P2	06
Q.5(a).	Write short notes on the following (i) Lenz's law                      (ii) Electric Potential	1	2	P2	06
Q.5(b).	How much work will be done by an electric energy source with a potential difference of 4kV that delivers a current of 2A for 1 minute?	1	2	P2	06





**QUAID-E-AWAM UNIVERSITY OF ENGINEERING, SCIENCE & TECHNOLOGY, NAWABSHAH**

**FINAL SEMESTER REGULAR EXAMINATION OF FIRST SEMESTER - FIRST YEAR, 2023 OF 22-BATCH, B.S (IT)**

**SUBJECT: INTRODUCTION TO ICT**

**Dated: 22.05.2023**

**Maximum Marks: 60**

**Time Allowed: 3 Hours.**

**NOTE: ATTEMPT ALL QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.**

Q. No.	QUESTION	CLO	Learning Level	PLO	Marks
Q.01	Explain the following categories of computers with examples: 1. Microcomputers 2. Minicomputers 3. Mainframe computers 4. Supercomputer	1	C1	1	12
Q.02	Differentiate between Computer memory and storage. Explain types of ROM.	1	C2	2	12
Q.03	What is computer network? Explain different types of Computer Networks with examples?	3	C3	3	12
Q.04	Convert the following decimal numbers into binary: 24, 47, 675, 89, 34 Convert the following binary numbers into decimal: 110000111, 110011, 1001111, 11000001, 100110	3	C3	3	12
Q.05	Write Short notes on following: 1. Compiler and Interpreter 2. Plug and Play Devices 3. Functions of Operating System	3	C3	3	12

**Good Luck**

57%



Q. No.	QUESTION	CLO	Complexity Level	PLO	Marks
Q. 01	(a) Explain different types of arrays with diagram.	2	C1	1	06
	(b) Write Matrix multiplication program with the following data using two-dimensional array $\begin{pmatrix} 3 & 8 \\ 4 & 6 \end{pmatrix} \times \begin{pmatrix} 12 & 18 \\ 7 & 10 \end{pmatrix}$	3	C2	2	06
Q. 02	(a) Explain actual and formal parameters with suitable C language program.	2	C1	1	06
	(b) Write a user defined function which gets two parameters (an array and number of values in array) as input. The function returns sum of values in the array.	3	C2	2	06
Q. 03	(a) Describe STRUCT in detail and write down difference between STRUCT and an array.	2	C1	1	06
	(b) Write program in which create STRUCT for Address and save addresses of two students in the struct variable.	3	C2	2	06
Q. 04	(a) What is Pointer and why they are efficient. Write a program in which get values from an array with the help of pointer.	4	C2	2	06
	(b) Write a program which gets ten numbers from a user and then prints maximum number.	4	C2	2	06
Q. 05	Explain following terms: I- LOOPS II- Filing modes III- Algorithms and their efficiency IV- Compiler and Interpreter	3	C2	2	12

**Dated: 18.05.2023****Maximum Marks: 60****Time Allowed: 3 Hours.****NOTE: ATTEMPT ALL QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.**

Q.No.	QUESTION	CLOs	Taxonomy Level	PLOs	Marks
Q.01	Explain reading skills with suitable examples. Mention various reading strategies to help out reading practice.	2	C3	3	12
Q.02	Write paragraph on any one of the following topics: (word limit: 40-50). 1. Reading hobby. 2. Morning walk. 3. Rainy day.	2	C3	3	12
Q.03	Write an Essay of about 100 to 150 words on any ONE of the following topics: 1. Female Education. 2. Islam: The misunderstood religion. 3. Technology.	3	C3	3	12
Q.04	Describe précis writing. What are the characteristics of a good Précis?	3	C3	3	12
Q.05	Make précis of the passage given below.  Kindness is a virtue that has been celebrated throughout history. It is a quality that involves being considerate and compassionate towards others. Acts of kindness can be as simple as a smile, a kind word, or a thoughtful gesture. These acts can have a profound impact on people, lifting their spirits, and making them feel valued and appreciated. Kindness is a powerful force that can bring people together and create a sense of community. When we act with kindness, we create a ripple effect that can spread far and wide, inspiring others to do the same. Kindness can break down barriers, bridge divides, and foster understanding between people of different cultures, backgrounds, and beliefs. But kindness is not just beneficial for others, it is also beneficial for ourselves. Studies have shown that acts of kindness can increase our own feelings of happiness and well-being. When we engage in acts of kindness, we experience a sense of connection and purpose that can boost our own self-esteem and confidence. In a world that can often feel harsh and unforgiving, kindness is a beacon of hope. It reminds us that we are all connected, and that our actions can have a positive impact on the world around us. So let us strive to be kind, to ourselves and to others, and let us embrace the power of kindness to make the world a better place.	3	C3	3	12

**Good Luck**





**QUAID-E-AWAM UNIVERSITY OF ENGINEERING, SCIENCE & TECHNOLOGY, HAWABSHAH**  
**MID-SEMESTER EXAMINATION OF FIRST SEMESTER – FIRST YEAR (1<sup>st</sup>) 2023, 22-BATCH, BS (IT, CS)**  
**SUBJECT: ENGLISH COMPOSITION & COMPREHENSION**

Dated: 17.02.2023 \_\_\_\_\_ Maximum Marks: 20 \_\_\_\_\_ Time Allowed: 01 Hour,

**NOTE: ATTEMPT ALL QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.**

Q. No.	Question	CLO	Taxonomy Level	PLO	Marks
Q. 01 (a)	Vocabulary plays an important role in speaking and writing skills. By keeping this statement in mind, Define Vocabulary and discuss the techniques & strategies to improve vocabulary by providing some examples.	1	C3	3	10
Q. 02 (a)	Elaborate the kinds and functions of sentences along with suitable Examples.	1	C3	3	10

***The End***

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**QUAID-E-AWAM UNIVERSITY OF ENGINEERING, SCIENCE & TECHNOLOGY, HAWABSHAH**

**MID-SEMESTER EXAMINATION OF FIRST SEMESTER – FIRST YEAR (1<sup>st</sup>) 2023, 22-BATCH,**

**B.E (CE, ME, IME) BS (IT, PHY)**

**SUBJECT: PAKISTAN STUDIES**

Dated: 14.02.2023 \_\_\_\_\_ Maximum Marks: 10 \_\_\_\_\_ Time Allowed: 45 Minutes,

**NOTE: ATTEMPT ALL QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.**

Q. No.	Question	CLO	Taxonomy Level	PLO	Marks
Q. 01	What is Ideology? Discuss Ideology of Pakistan in the light of Allama Iqbal and Quaid-e-Azam.	1	C1	6	05
Q. 02	Write short note on any Two of the following:	1	C2	6	5
(a)	Partition of Bengal				
(b)	Lucknow Pact 1916				
(c)	14 Points of Jinnah				

***The End***

**QUAID-E-AWAM UNIVERSITY OF ENGINEERING, SCIENCE & TECHNOLOGY, NAWABSHAH****MID SEMESTER REGULAR EXAMINATION OF FIRST SEMESTER – FIRST YEAR, 2023 OF 22-BATCH, BS (IT)****SUBJECT: APPLIED PHYSICS****Date: 16.02.2023****Maximum Marks: 20****Time Allowed: 01 Hour****NOTE: ATTEMPT ALL QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.**

Q. No.	QUESTION	CLOs	Taxonomy Level	PLOs	Marks
Q. 01(a)	Define physics and describe in detail Electric current. What is difference between electric circuit and magnetic Circuit?	1	2	P2	06
Q. 01(b)	Define the following 1. Current density 2. Conductance 3. Drift velocity. 4. One Ampere.	1	2	P2	04
Q. 02(a)	Define Electrostatics. State and explain Coulomb's Laws	1	2	P2	05
Q. 02(b)	Briefly Explain the following. 1. Conductors 2. Semiconductors 3. Insulators.	1	2	P2	05

**Good Luck**





QUAID-E-AWAM UNIVERSITY OF ENGINEERING, SCIENCE & TECHNOLOGY, NAWABSHAH

END-SEMESTER EXAMINATION OF FIRST SEMESTER - FIRST YEAR (11<sup>th</sup>) 2022 BATCH.

B.E (ES, BME, TC, ESE, EE, CMB, S, ENG, IT, DS, CYS, AI) B.T (PET, CE)

SUBJECT: ISLAMIC STUDIES / ETHICS

Date: 14.02.2023

Maximum Marks: 10

Time Allowed: 45 Minutes

NOTE: ATTEMPT ALL QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.

SUBJECT: ISLAMIC STUDIES

Q. No.	Question	CLO	Taxonomy Level	PLD	Marks
Q. 01	Describe the all qualities of believers in the light of Surah Furgan.	01	C1	06	05
Q. 02	Attempt any two of the following Surah	01	C2	06	05
(i)	Write down the commandments of Surah Al-Ana'am.				
(ii)	Describe the qualities of believers in the light of Surah Al-Momnoon.				
(iii)	Write the Surah Hujrat related to the manners in the respect of holy prophet SAW and mention the actions which indicate the betterment for society.				

SUBJECT: ETHICS

Q. No.	Question	CLO	Taxonomy Level	PLD	Marks
Q. 01	Write down about the religion Hinduism and mention religious festivals of Hinduism.	01	C1	06	05
Q. 02	Attempt any one of the following.	01	C2	06	5
(i)	Write down the life history of Gotham Buddha.				
(ii)	Describe the value of Ethics in all religions.				

The End



Q. No.	Question	CLO	Taxonomy Level	PLO	Marks
Q. 01	(a) Explain execution process of C language program with a suitable diagram.	1	C1	1	05
	(b) Write a C language program for the following output: <pre> ..... .... ... .. . </pre>	2	C1	2	05
Q. 02	(a) Enlist and define at least five data types of C language.	1	C1	1	05
	(b) Briefly explain FOR loop in C language along with a flow chart.	2	C1	2	05

***The End***



Q. No.	QUESTION	CLOs	Taxonomy Level	PLOs	Marks
Q. 01	Describe Computer and its types along with characteristics of computer?	1	2	1	10
Q. 02	Explain CPU and its components and draw its diagram also describe important registers in CPU?	1	3	1	10