Roll No. : _____

Objective
Paper Code
6833

Intermediate Part First

Computer Science (**Objective**)
Time: 20 Minutes   Marks: 15

Pakcity.org

You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill the relevant circle in front of that question number on computerized answer sheet. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero marks in that question. Attempt as many questions as given in objective type question paper and leave other circles blank.

Q.No.1

S.#	Questions	A	B	C	D
1	A collection of related web pages is called:	Web-link	Website ●	Internet	Linking
2	To calculate average of cells D2, D3, D4; the formula is:	= (D2+D4)/3	= D2+D3+D4/3	= (D2+D3+D4)/3 ●	= (D2,D3,D4)/3
3	If the custom format is # , ### then 2500 will be displayed as:	25,00	2,500 ●	2500	2,50
4	How many orientation types are available in MS-Word?	4	3	2 ●	1
5	In DOS, a user communicates with the operating system by issuing:	Instructions	Procedure	Routines	Commands ●
6	Which is the most damaging loss to a company?	Loss of hardware	Loss of data ●	Loss of software	Loss of print outs
7	A computer bus consists of:	Registers	Accumulators	Parallel lines ●	Bits
8	The memory cells are logically organized into groups of:	4 bits	8 bits ●	16 bits	32 bits
9	Many products are designed by using:	ATM	ROBOT	CAM	CAD ●
10	The signals produced by a computer to send over phone line must be converted to:	Analog ●	Digital	Low	High
11	How many characters ASCII 7-bit code can represent?	16	32	128 ●	256
12	Which is an internet protocol?	Token Ring	Ethernet	TCP / IP ●	ARCnet
13	Which network covers a large area?	WAN ●	LAN	PAN	MAN
14	The type of conversion in which both new and old systems operate together for a period of time is:	Direct	Parallel ●	Phased	Pilot
15	The output of printer is called:	Soft copy	Photocopy	Duplicate copy	Hard copy ●

1117-XI124-45000

Intermediate Part First   Roll No. _____

Computer Science (Subjective)

Time: 02:10 Hours   Marks: 60   pakcity.org

SECTION – I

2. **Write short answers to any SIX parts.**   12
   (i)   What is the use of utility program?
   (ii)   Convert 512 MB of memory in kilobytes.
   (iii)   What is the function of transport layer?
   (iv)   How does bus topology work?
   (v)   Which transmission media is used in LAN?
   (vi)   How analog signals are represented graphically?
   (vii)   What happens if a bus topology has too many computers?
   (viii) Can intra-net and extra-net use the inter-net for transmission?
   (ix)   How does a modem work?

3. **Write short answers to any SIX parts.**   12
   (i)   Why RAM is called volatile memory?
   (ii)   Write the usage of Ax and Bx registers.
   (iii)   What is the reason to use one address instruction format?
   (iv)   What do you know about customized software?
   (v)   List any four names of computer viruses.
   (vi)   Define antivirus program. Give any two examples.
   (vii)   What do you mean about data security?
   (viii) How DNS is better than IP addressing? Give one reason.
   (ix)   Write four names of search engines.

4. **Write short answers to any SIX parts.**   12
   (i)   What is font specification?
   (ii)   Write the purpose of header and footer in MS-Word.
   (iii)   Define World Art in word processor.
   (iv)   What are two typing modes in MS-Word?
   (v)   Write function which finds lowest number from cells D1 through D100.
   (vi)   Write formula to calculate the sum of three numbers.
   (vii)   Write the use of symbol # in custom format. Give an example.
   (viii) Define page orientation in MS-Excel.
   (ix)   Define chart.

SECTION – II   Attempt any THREE questions. Each question carries 08 marks.

5. Differentiate between system software and application software.

6. What is guided media? Briefly describe three different types of guided media.   02,02,02,02

7. How computer based training is different from computer aided learning? Write six benefits of computer based training.   02,06

8. What is ROM? Explain its types.

9. Differentiate between command line interface and graphical user interface operating system.

1117-XI124-45000

Roll No. : _____

Faisalabad Board-2023

pakcity.org

Objective
Paper Code
6831

Intermediate Part First
Computer Science (Objective)
Time: 20 Minutes   Marks: 15

Q.No.1 You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill the relevant circle in front of that question number on computerized answer sheet. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero marks in that question. Attempt as many questions as given in objective type question paper and leave other circles blank.aib

S.#	Questions	A	B	C	D
1	XGA supports colours upto:	1 million	16.7 million	1 billion	16.7 billion
2	The modular testing of a program is also called:	Pilot testing	System testing	Incremental testing	Unit testing
3	In OSI model, which layer is responsible for encryption and decryption of data?	Presentation	Application	Transport	Session
4	Internal network of an organization that uses internet and web techniques is called:	Downloading	Uploading	Intranet	Extranet
5	How many characters ASCII 8-bit code can represent?	128	256	364	512
6	Transmission from earth to satellite is called:	Uplink	Downlink	Low link	High link
7	Which technology is used to read data on cheques?	OMR	OCR	CAT	MICR
8	Memory consists of:	Set of wires	Ports	Cells	Control units
9	Which is a signal?	Memory	DMA	Bus	Interrupt
10	The output of the compiler is called:	The program	Source code	Object code	Linker code
11	A person who gains illegal access to a computer system is called:	Hacker	Computer operator	Network controller	Administrator
12	The interface used by Windows is called:	Command line interface	Graphical user interface	Prompt interface	Dialog interface
13	The direction of proper in printing is referred to as:	Position	Orientation	Style	Direction
14	Which is correct formula in MS-Excel?	+D3&D4	=D3&D4	+D3,D4	=D3+D4
15	Hypertext document is also called:	Webpage	Hyperlink	Email server	Website

1117-XI112932-38000

Faisalabad Board-2023

Intermediate Part First

Roll No. _____

Computer Science (Subjective)

Time: 02:10 Hours   Marks: 60

pakcity.org

SECTION – I

2. Write short answers to any SIX parts.   12
   (i) What do you understand by term global village?
   (ii) Define packaged software.
   (iii) Convert 320 MB into bytes.
   (iv) How parallel implementation is different from direct implementation in SDLC?
   (v) How does computer help in marketing?
   (vi) Write two uses of ATM.
   (vii) Define desktop publishing.
   (viii) What is meant by active cell in MS-Excel?
   (ix) Write a function to find average of values from cell A5 to A10.

3. Write short answers to any SIX parts.   12
   (i) Describe two uses of computer network.
   (ii) What is the internet?
   (iii) Write two functions of data link layer.
   (iv) Differentiate between encoder and decoder.
   (v) Define parallel transmission.
   (vi) Explain digital signal.
   (vii) What is website?
   (viii) Define web publishing.
   (ix) What is an email address? Give an example.

4. Write short answers to any SIX parts.   12
   (i) Write the purpose of data transfer instructions.
   (ii) What is meant by port?
   (iii) Define computer virus.
   (iv) How pirated software spread virus?
   (v) Write two objectives of computer security.
   (vi) What is the use of control panel?
   (vii) Write two advantages of GUI operating system.
   (viii) How font can be bold and underlined?
   (ix) How do cut and copy command work?

SECTION – II   Attempt any THREE questions. Each question carries 08 marks.

5. Define display screen. Discuss different types of display screens.

6. What is bus topology? Explain its working with diagram. Discuss its advantages and disadvantages.

7. What is data communication mode? Explain different data communication modes.

8. What is ROM? Discuss its different types.

9. What are CPU registers? Explain different general-purpose registers.

1117-XI123-38000

Faisalabad Board-2022

Roll No. : _____

Objective
Paper Code
6833

Intermediate Part First - 903
Computer Science (Objective)
Time: 20 Minutes   Marks: 15

Q.No.1 You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill the relevant circle in front of that question number on computerized answer sheet. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero marks in that question. Attempt as many questions is given in objective type question paper and leave other circles blank.coi

S.#	Questions	A	B	C	D
1	A webpage is written in:	HTML	IP	FTP	TCP
2	A formula in Excel always begins with:	>		=	>
3	Which is word processor?	Adobe acrobat	Photo express	MS Excel	MS Word
4	All files deleted from computer are stored in:	My documents	Desktop	Recycle bin	Dust bin
5	Special software used to detect and remove computer virus is called:	Bacteria	Trojan Horse	Worm	Anti-virus
6	Which register holds the address of next instruction to be executed?	Instruction register	Program counter	MAR	MBR
7	Which RAM type needs electric current to maintain its electrical state?	SRAM	ROM	MRAM	DRAM
8	The idea of storing a program into memory was suggested by:	Dr. Abdul Qadeer	Van Neumann	Pascal	Dr. Codd
9	Electronic banking is also known as:	Cyber banking	Off banking	Global banking	Free banking
10	Radio and TV are examples of which type of communication mode?	Simplex	Half duplex	Full duplex	Duplex
11	The electromagnetic or light waves representing data are called:	Data	File	Signal	Satellite
12	Which layer of OSI model does data conversion, compression and encryption?	Application layer	Session layer	Transport layer	Presentation layer
13	The process of transferring file from remote computer to local computer is called:	Downloading	Uploading	Collecting	Processing
14	BIT stands for:	Binary digit	Binary interval	Binary data	Binary integer
15	Processed form of data is called:	Data	Information	Processing	Procedure

15-XI132029-30000

Intermediate Part First

Roll No. _____

Computer Science (Subjective)

Time: 02:10 Hours   Marks: 60

SECTION – I

2. **Write short answers to any SIX parts.**   12
   (i)   Differentiate between data and information.
   (ii)   Define computer.
   (iii) What is smart card?
   (iv)   Who is programmer?
   (v)   What do you know about www ?
   (vi)   How are WANS connected?
   (vii) What is the use of repeater?
   (viii) How font can be bold and underline?
   (ix)   How many items can be stored in clipboard?

3. **Write short answers to any SIX parts.**   12
   (i)   How would you compare asynchronous and synchronous transmission?
   (ii)   What are the two forms of data communication signals?
   (iii) How does data flow in half duplex mode?
   (iv)   Why is RAM called volatile?
   (v)   List out two types of buses.
   (vi)   What is DMA?
   (vii) What is the use of general purpose registers?
   (viii) How would you compare relative and absolute referencing?
   (ix)   How would you enter a formula in MS-Excel?

4. **Write short answers to any SIX parts.**   12
   (i)   List four benefits of video conferencing.
   (ii)   How computer can be useful in airline system?
   (iii) What do you know about robot?
   (iv)   How can virus damage computer?
   (v)   Why is data protection so important?
   (vi)   Describe the term plug and play.
   (vii) Give two examples of GUI operating systems.
   (viii) Define the internet.
   (ix)   How web pages are created?

SECTION – II	Attempt any THREE questions. Each question carries 08 marks.

5. What is impact printer? Explain dot-matrix and daisy-wheel printers.   02,03,03

6. Define computer network. Discuss client-server and peer-to-peer network models.   02,03,03

7. What is the concept of encoding scheme? Explain any three coding schemes.   02,02,02,02

8. What is operating system? Discuss any six functions of operating system.   02,06

9. Give your opinion about data security. Discuss any six ways of security violations.   02,06

15-XI122-30000

pakcity.org

Roll No. : _____

Objective
Paper Code
6831

Intermediate Part First
Computer Science (Objective)
Time: 20 Minutes   Marks: 15

Q.No.1 You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill the relevant circle in front of that question number on computerized answer sheet. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero marks in that question. Attempt as many questions as given in objective type question paper and leave other circles blank.

S.#	Questions	A	B	C	D
1	Which is not an example of system software?	Operating system	Utility program	Device driver	MS-Word
2	The smallest unit of information in the computer is:	Bit	Byte	Character	Word
3	Which is not LAN protocol?	Token ring	Ethernet	TCP / IP	ARCnet
4	OSI reference model has:	1 layer	3 layers	6 layers	7 layers
5	Transmission from earth to satellite is called:	Downlink	Uplink	Low link	High link
6	Data is transmitted block by block in:	Isochronous transmission	Analog transmission	Synchronous transmission	Asynchronous transmission
7	The process of performing automatic office task using computer is called:	Office support	Office automation	Data management	Reprographics
8	The temporary storage area within CPU is called:	RAM	ROM	Registers	Hard disk
9	ALU has _____ units.	2	3	4	5
10	The secret word or number used for data protection is called:	Biometric data	Private word	Password	Backup
11	Which is a web browser?	Windows explorer	Internet explorer	Web search	System explorer
12	Add new hardware option is available in:	Main menu	Status bar	Taskbar	Control panel
13	The key that is used to delete a character to the right of cursor is:	Backspace	Del	Home	End
14	The columns in spreadsheet are label by:	Letters	Numbers	Cell reference	Digits
15	Which software is used to search and view web pages?	HTML	Web server	Web browser	Window explorer

45-XI121-39000

Faisalabad Board-2021

Computer Science (Subjective)

Time: 02:10 Hours   Marks: 60

SECTION – I

2. Write short answers to any SIX parts.   12

   (i)   Define information technology.
   (ii)   Write the names of two main categories of software.
   (iii) What is the difference between kilobyte and terabyte?
   (iv) What is the coding phase of SDLC?
   (v)   Define collaborative computing.
   (vi) How telnet is useful?
   (vii) Differentiate between uploading and downloading.
   (viii) Define signals.
   (ix) Represent an analog signal with the help of a diagram.

3. Write short answers to any SIX parts.   12

   (i)   How computer is used in marketing?
   (ii)   Define E-Commerce.
   (iii) What do you know about E-Shopping?
   (iv) Define boot sector virus.
   (v)   What is privacy issue?
   (vi) Define main memory.
   (vii) Define SRAM.
   (viii) Define I/O unit.
   (ix) What is instruction format?

4. Write short answers to any SIX parts.   12

   (i)   Write two types of operating systems on the basis of user interaction.
   (ii)   What is the purpose of multitasking?
   (iii) What is the use of my computer folder?
   (iv) What is font specification?
   (v)   Explain WYSIWYG.
   (vi) Define search and replace option of MS-Word.
   (vii) Write two uses of spreadsheet program.
   (viii) Define worksheet.
   (ix) Define formula in MS-Excel.

SECTION – II   Attempt any THREE questions. Each question carries 08 marks.

5. Explain router, gateway, bridge and network card devices with detail.   02,02,02,02

6. Discuss parallel transmission and serial transmission along with diagram.   04,04

7. Define language translator. Discuss different types of language translator.   02,02,02,02

8. Explain any four causes of virus.   02,02,02,02

9. What are internet addressing schemes? Explain its two types.   02,03,03

45-XI121-39000

Faisalabad Board-2019

Objective
Paper Code
6837

Intermediate Part First (New Scheme)
Computer Science (Objective)
Time: 20 Minutes   Marks: 15

Q.No.1 You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill the relevant circle in front of that question number on computerized answer sheet. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero marks in that question. Attempt as many questions as given in objective type question paper and leave other circles blank.

S.#	Questions	A	B	C	D
1	Which one is the faster memory?	RAM	Cache	Register	Hard disk
2	SUPARCO department gives information about:	Robots	Airlines	Chatting	Weather
3	The transmission rate of modem can be measured in:	Bits per second	Bytes per second	Characters per second	Words per second
4	The television broadcast is an example of:	Simplex transmission	Half-duplex transmission	Full-duplex transmission	Duplex transmission
5	Which program is used to connect to a remote computer on internet?	www (world wide web)	Email	FTP	Telnet
6	The media access control sublayer resides in which layer?	Physical	Data link	Network	Transport
7	Which is a type of plotter?	Daisy wheel	Dot matrix	Drum	Line
8	Arrow keys are also called:	Toggle keys	Function keys	Modifier keys	Cursor control keys
9	Web pages are connected to one another using:	Hyperlink	Multimedia	Interlink	HTTP
10	Formula can only be applied on:	Labels	Values	Unmerged cells	Charts
11	The default orientation for printing is:	Portrait	Landscape	Vertical	Horizontal
12	Add new hardware option is available in:	Main menu	Control panel	Taskbar	Status bar
13	The right to use the software on the computer is called:	Software piracy	Software license	Intellectual property right	Software copyright
14	Which virus executes when starting the computer?	Boot sector	Logic bomb	Trojan horse	Redlof
15	Checking a computer program for error is called:	Bugging	Debugging	Correcting	Running

45-XI119-25000

pakcity.org

Intermediate Part First (New Scheme)

Roll No. _____

Computer Science (Subjective)

Time: 02:10 Hours   Marks: 60

SECTION – I

2. Write short answers to any SIX parts. 12
- (i) Define system design phase of SDLC.
- (ii) Define system software.
- (iii) What is the purpose of function keys on keyboard?
- (iv) What is video display adapter?
- (v) What is groupware?
- (vi) What is de facto standard?
- (vii) Define client computer.
- (viii) What is the concept of web hosting?
- (ix) What is the role of internet service provider?

3. Write short answers to any SIX parts. 12
- (i) List out types of data.
- (ii) What is synchronous transmission?
- (iii) Differentiate between baseband and broadband.
- (iv) In which situation we use simulation?
- (v) Write four benefits of computer base training.
- (vi) Write the procedure to insert text box in word processor.
- (vii) What is WordArt?
- (viii) Write a formula to calculate the percentage having total and obtain marks in cell A2 and B6 respectively.
- (ix) What is the use of values and labels in worksheets?

4. Write short answers to any SIX parts. 12
- (i) What is computer architecture?
- (ii) List two components of CPU.
- (iii) List four general purpose register.
- (iv) What is instruction format?
- (v) What is an operating system?
- (vi) Give three causes of virus.
- (vii) What is intellectual property?
- (viii) What is graphical user interface operating system?
- (ix) What is primary partition?

SECTION – II
Attempt any THREE questions. Each question carries 08 marks.

5. Briefly explain impact printer. Describe its types.

6. Describe any three network topologies in detail.

7. Briefly describe different types of guided media.

8. What is the role of RAM in computer? Also discuss DRAM and SRAM.

9. Define backup of data. Why we use it? Discuss its types.

45-XI119-25000

Roll No. : _____

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Objective
Paper Code
6831

Intermediate Part First (New Scheme)
Computer Science (Objective)
Time: 20 Minutes   Marks: 15

Q.No.1 You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill the relevant circle in front of that question number on computerized answer sheet. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero marks in that question. Attempt as many questions as given in objective type question paper and leave other circles blank.

S.#	Questions	A	B	C	D
1	Which is not an output device?	Scanner	Printer	Monitor	Speaker
2	The microphone converts the sound into:	Mechanical signals	Electrical signals	Computer file	Software
3	Which is a communication device?	USB	UTP	Router	Ethernet
4	Dejure means:	By nature	By law	By fact	By default
5	How many characters ASCII 8-bit code can represent?	128	256	512	1024
6	Digital signals are commonly known as:	Baseband	Broadband	Band	Narrowband
7	Which technology is used to read data on cheques?	OMR	OCR	CAT	MICR
8	How many types of language translator are there?	1	2	3	4
9	The output of the compiler is called:	The program	Source code	Linked code	Object code
10	Which is not a biometric technique for person identification?	Badge	Retina	Pam print	Face
11	Making illegal copies of copyrighted software is called:	Software hacking	Software browsing	Software piracy	Software distribution
12	An operating system is a:	System utility	System software	Application software	Software package
13	Which function key is used for checking spelling and grammar in MS-Word?	F1	F2	F4	F7
14	The function that is used to get the maximum value in MS-Excel is called:	MAX()	HIGHEST()	GREATER()	MAXIMUM()
15	Transferring information from computer to internet is called:	Downloading	Uploading	Pasting	Downsizing

41-XI118-25000

Faisalabad Board-2018

Intermediate Part First (New Scheme)   Roll No. _____

Computer Science (Subjective)

Time: 02:10 Hours   Marks: 60

SECTION – I

2. Write short answers to any SIX parts.   12
   - (i)   Define computer.
   - (ii)   What is touch pad?
   - (iii)   Why interviewing are conducted?
   - (iv)   What is the purpose of transport layer?
   - (v)   What is the use of repeater?
   - (vi)   How Dejure standard is differ from de facto standard?
   - (vii)   How does FDM work?
   - (viii)   What do you know about internal modem?
   - (ix)   Define signal.

3. Write short answers to any SIX parts.   12
   - (i)   What is video conferencing?
   - (ii)   How computer can be used in departmental stores?
   - (iii)   What is e-banking?
   - (iv)   How data is transferred from peripheral device to computer?
   - (v)   Define computer architecture.
   - (vi)   What is stack register?
   - (vii)   Write the purpose of data transfer instruction.
   - (viii)   Define port.
   - (ix)   Who is hacker?

4. Write short answers to any SIX parts.   12
   - (i)   What is clipboard?
   - (ii)   Describe the purpose of control panel.
   - (iii)   Differentiate between primary and extended partition.
   - (iv)   List any four features of full-featured word processor.
   - (v)   What is meant by page orientation?
   - (vi)   Distinguish between function and formula.
   - (vii)   What is cell address?
   - (viii)   Why domain name is used?
   - (ix)   Define web publishing.

SECTION – II   Attempt any THREE questions. Each question carries 08 marks.

5. What are impact printer and non-impact printer? Explain laser printer and inkjet printer in detail.   02,02,02,02

6. What is computer network? Discuss different types of network models in detail.   02,02,02,02

7. Why data encoding is necessary in a computer system? Explain BCD, ASCII and UNICODE.

8. What is operating system? Write six functions of operating system in detail.   02,06

9. Define different types of operating system on the basis of user interface. Also write four comparisons between them.   04,04

41-XI118-25000