

251

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.
OBJECTIVE KEY FOR INTERMEDIATE P-I..... ANNUAL EXAMINATION, 2022 2nd-A

Name of Subject: Computer Science

Q. Nos	Paper Code	Correct Answer	Paper Code	Correct Answer	Paper Code	Correct Answer	Paper Code	Correct Answer
	2831		2833		2835		2837	
1	B	Soft Copy	A	Presentation Layer	B	Floppy Disk	C	Four
2	C	2 ³⁰ Bytes	D	MAN (Metropolitan Area)	D	Worm	A	Macro
3	A	Presentation Layer	A	2 ⁷	C	Four	D	Today()
4	D	MAN (Metropolitan Area)	C	Coaxial Cable	A	Macro	A	32-bits
5	A	2 ⁷	D	X-Rays	D	Today()	B	Soft Copy
6	C	Coaxial Cable	B	Instruction Register	A	32-bits	C	2 ³⁰ Bytes
7	D	X-Rays	C	Control Unit	B	Soft Copy	A	Presentation Layer
8	B	Instruction Register	B	Floppy Disk	C	2 ³⁰ Bytes	D	MAN (Metropolitan Area)
9	C	Control Unit	D	Worm	A	Presentation Layer	A	2 ⁷
10	B	Floppy Disk	C	Four	D	MAN (Metropolitan Area)	C	Coaxial Cable
11	D	Worm	A	Macro	A	2 ⁷	D	X-Rays
12	C	Four	D	Today()	C	Coaxial Cable	B	Instruction Register
13	A	Macro	A	32-Bits	D	X-Rays	C	Control Unit
14	D	Today()	B	Soft Copy	B	Instruction Register	B	Floppy Disk
15	A	32-bits	C	2 ³⁰ Bytes	C	Control Unit	D	Worm
16	/	/	/	/	/	/	/	/
17	/	/	/	/	/	/	/	/
18	/	/	/	/	/	/	/	/
19	/	/	/	/	/	/	/	/
20	/	/	/	/	/	/	/	/

2nd-A
 Key I
 سرٹیفکٹ مابیت صحیح سوالیہ پرچہ مارکنگ Key
 انٹرمیڈیٹ سالانہ امتحان 2022ء کا
 ہم نے مضمون کمپیوٹر سائنس پرچہ I کو نظر میں چیک کر لیا ہے یہ پرچہ Syllabus کے عین مطابق Set کیا گیا ہے۔ اس سوالیہ پرچہ میں کسی قسم کی کوئی غلطی نہ ہے۔ ہم نے سوالیہ پرچہ کا اردو اور انگریزی Version بھی چیک کر لیا ہے۔ یہ Version آپس میں مطابقت رکھتے ہیں۔ نیز اس پرچہ کی معروضی (MCQs) Key کی بابت تہدیق کی جاتی ہے کہ اس میں بھی کسی قسم کی کوئی غلطی نہ ہے۔ مزید یہ کہ ہم نے Key بنانے سے متعلق دفتر کی جانب سے تیار کردہ ہدایات وصول کر کے ان کا بغور مطالعہ کر لیا ہے اور ان کی روشنی میں Key بنائی ہے۔ نیز سب ایڈمنسٹریٹو کیلئے تفصیلی مارکنگ ہدایات / مارکنگ سیم / Rubrics بھی تیار کر دی گئی ہیں۔

Prepared & Checked By:

Dated: 19-12-22

S.#	Name	Designation	Institution	Mobile No	Signature
1	MUBASHAR ALI	Principal	Govt. Associate College Sabai Sidhu, KNL.	0300-7340184	
2					
3					
4	M. Amin	Associate Professor	Govt. Graduate College Civil Lines Multan	0306-7386828	
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20-12-22

COMPUTER SCIENCE

PAPER-I

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 15

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

- (1) Data that is shown on a display unit in the form of video is called:
 (A) Hard copy (B) Soft copy (C) Shared copy (D) Null copy
- (2) 1 Gigabyte is equal to:
 (A) 2^{10} Bytes (B) 2^{20} Bytes (C) 2^{30} Bytes (D) 2^{40} Bytes
- (3) In OSI model, data compression is done at:
 (A) Presentation Layer (B) Session Layer (C) Transport Layer (D) Network Layer
- (4) To bypass local telephone companies, when accessing long distances services, we use:
 (A) Internet (B) LAN(Local Area Network)
 (C) WAN(Wide Area Network) (D) MAN(Metropolitan Area Network)
- (5) A 7 – bit ASCII code can make character combinations equal to:
 (A) 2^7 (B) 7^2 (C) $2^7 - 1$ (D) $7^2 - 1$
- (6) Single core of solid copper is found in:
 (A) STP cable (B) UTP cable (C) Coaxial cable (D) Fiber-optic cable
- (7) To give a 3 – D image of a body slice, a CAT scanner takes several:
 (A) Images (B) Videos (C) Ultrasounds (D) X – rays
- (8) Once the instruction is fetched, it is stored in:
 (A) Program Counter (B) Instruction Register (C) Stack Pointer (D) Memory Buffer Register
- (9) The component of CPU that interacts with main memory to extract instruction is:
 (A) Arithmetic Unit (B) Logic Unit (C) Control Unit (D) Registers
- (10) The example for storage device is:
 (A) CPU (B) Floppy Disk (C) Clock (D) BUS
- (11) A virus that replicates itself is called a:
 (A) Bug (B) Vaccine (C) Bomb (D) Worm
- (12) The maximum primary partitions that can be created on a basic disk are:
 (A) Two (B) Three (C) Four (D) Unlimited
- (13) A character or word that represents a series of keystrokes is called:
 (A) Macro (B) Merges (C) Thesaurus (D) WYSIWYG
- (14) In Excel, the function that gets current date is:
 (A) Date () (B) Month () (C) Year () (D) Today ()
- (15) A standard IP address is composed of a total of:
 (A) 32 – bits (B) 16 – bits (C) 8 – bits (D) 4 – bits

COMPUTER SCIENCE

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COMPUTER SCIENCE

PAPER-I

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INTERMEDIATE PART-I (11th CLASS)**COMPUTER SCIENCE PAPER-I**

TIME ALLOWED: 2.10 Hours

SUBJECTIVE

MAXIMUM MARKS: 60

NOTE: Write same question number and its part number on answer book, as given in the question paper.

SECTION-I**Q.No.2 Attempt any six parts.****6 × 2 = 12**

- (i) Define the term of Information Technology.
- (ii) What is difference between Backspace Key and Delete Key?
- (iii) What is the use of MICR?
- (iv) Convert 20 bytes into bits.
- (v) Give three advantages of DSL.
- (vi) What is WAN? Give an example.
- (vii) How does Star topology work?
- (viii) How the text is makes bold in MS-Word?
- (ix) Why Header and Footer are used in MS-Word?

Q.No.3 Attempt any six parts.**6 × 2 = 12**

- (i) How is data represented in computer?
- (ii) List down four features of Modem.
- (iii) How would you compare simplex and half duplex mode?
- (iv) How would you compare RAM and ROM?
- (v) How can you describe cache memory?
- (vi) How does Fetch-Decode-Execute cycle of CPU work?
- (vii) List four general purpose registers.
- (viii) Write any four built-in functions of MS-Excel.
- (ix) How would you compare worksheet and workbook?

Q.No.4 Attempt any six parts.**6 × 2 = 12**

- (i) How banks can get benefit from the use of computer?
- (ii) What is the purpose of Robot?
- (iii) List two benefits of video conferencing.
- (iv) How does boot sector virus work?
- (v) How does Trojan horse virus work?
- (vi) Define extended partition.
- (vii) What is the advantage of multitasking operating system?
- (viii) Why do you use search engine?
- (ix) Write two uses of Internet.

SECTION-II**NOTE: Attempt any three questions.****3 × 8 = 24**

5. Define impact printers. Explain Dot-matrix and Daisy wheel printers. 2 + 3 + 3 = 8
6. What is Network Protocol? Discuss Ethernet and Token Ring Protocols. 2 + 3 + 3 = 8
7. Define guided media. Explain twisted pair cable and co-axial cable. 2 + 3 + 3 = 8
8. Explain four instructions types that a computer can execute. 2 + 2 + 2 + 2 = 8
9. How virus is harmful for a computer system? Discuss any three causes of virus spread. 2 + 2 + 2 + 2 = 8