

# Adabistan-e-Soophia

Test Session (2020 – 21)

Code: 1028

Test No.: 9

Paper: Computer Science

Name: \_\_\_\_\_

Class: IX Sec: \_\_\_\_\_

Syllabus: Full Book

Question Numbers	1	2	3	4	5	6	7	Total	Grade	%age
Maximum Marks	10	08	08	08	08	08	08	50		
Marks Obtained										

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sheet No.

# Roll Number Sheet



Date: 

D	D	M	M	Y	Y

Morning (M)  
Evening (E)

ہدایات

- امیدوار کو صرف نیلے یا کالے پن / مارکر استعمال کرنے کی اجازت ہے۔
- اس بات کا خاص خیال رکھیں کہ دائرہ مکمل پُر ہو اور سیاہی دائرے سے باہر نہ نکلے۔

- مثال: (I) صحیح (II) غلط (III) غلط
- کاغذ کو موڑنا یا شیشیل کرنا منع ہے۔

- دائروں کے اوپر دی گئی مخصوص جگہ پر Roll No اور Paper Code لکھیے اور نیچے دیے گئے دائروں کو اس طرح پُر کریں کہ ہر خانے میں ایک ہندسہ آئے۔

- نوٹ: ایک سے زیادہ دائروں کو پُر کرنے / کاٹ کر پُر کرنے کی صورت میں مذکورہ جواب / ردول نمبر / پیج کو غلط تصور ہوگا جس کی تمام ذمہ داری طالب علم پر ہوگی

Date	
Matric (M)	
Inter (I)	
Part 1 (1)	
Part 2 (2)	
Annual (A)	
Supply (S)	
Morning (M)	
Evening (E)	
Subject	

Roll No.									
0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9

Paper Code									
0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9

## INSTRUCTIONS

Use BLUE/BLACK ball pen or marker ONLY.

Fill/ Shade the circle completely.

EXAMPLE (I) CORRECT ● (II) INCORRECT ⊕ (III) INCORRECT ●

Folding, Stapling, Cutting and putting unnecessary sign and identification on the sheet is strictly NOT allowed.

Please write the Roll No, Paper Code in the space allocated above the circles and carefully fill/ shade the circles.

DISCLAIMER: IN CASE OF INCOMPLETE/ CANCELLATION/ MULTIPLE FILLING OF CIRCLES, THE ANSWER SHALL BE DECLARED AS WRONG.

Name:

Father's Name:

Roll Number (in words)

Signature of Candidate:

Signature of Deputy Superintendent:



### MCQs RESPONSE PART (TO BE FILLED BY THE STUDENT)

(امیدوار خود پُر کرے)

	A	B	C	D
1.	(A)	(B)	(C)	(D)
2.	(A)	(B)	(C)	(D)
3.	(A)	(B)	(C)	(D)
4.	(A)	(B)	(C)	(D)
5.	(A)	(B)	(C)	(D)
6.	(A)	(B)	(C)	(D)
7.	(A)	(B)	(C)	(D)
8.	(A)	(B)	(C)	(D)
9.	(A)	(B)	(C)	(D)
10.	(A)	(B)	(C)	(D)
11.	(A)	(B)	(C)	(D)
12.	(A)	(B)	(C)	(D)

	A	B	C	D
13.	(A)	(B)	(C)	(D)
14.	(A)	(B)	(C)	(D)
15.	(A)	(B)	(C)	(D)
16.	(A)	(B)	(C)	(D)
17.	(A)	(B)	(C)	(D)
18.	(A)	(B)	(C)	(D)
19.	(A)	(B)	(C)	(D)
20.	(A)	(B)	(C)	(D)
21.	(A)	(B)	(C)	(D)
22.	(A)	(B)	(C)	(D)
23.	(A)	(B)	(C)	(D)
24.	(A)	(B)	(C)	(D)

Paper Code			
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

نوٹ:

۱۔ ایک سے زیادہ دائروں کو پُر کرنے یا کاٹ کر پُر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔

Marks Obtained in MCQs \_\_\_\_\_ (To be filled by the examiner only) (صرف ممتحن پُر کرے)

### AWARD SHEET (FOR OFFICIAL USE IN MARKING CENTRE) (صرف ممتحن پُر کرے)

MCQs	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	Q 10	Total Marks
Marks										
(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0) (0)
(1) (1)	(1) (1)	(1) (1)	(1) (1)	(1) (1)	(1) (1)	(1) (1)	(1) (1)	(1) (1)	(1) (1)	(1) (1) (1)
(2) (2)	(2) (2)	(2) (2)	(2) (2)	(2) (2)	(2) (2)	(2) (2)	(2) (2)	(2) (2)	(2) (2)	(2) (2) (2)
(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3) (3)
(4) (4)	(4) (4)	(4) (4)	(4) (4)	(4) (4)	(4) (4)	(4) (4)	(4) (4)	(4) (4)	(4) (4)	(4) (4) (4)
(5) (5)	(5) (5)	(5) (5)	(5) (5)	(5) (5)	(5) (5)	(5) (5)	(5) (5)	(5) (5)	(5) (5)	(5) (5) (5)
(6) (6)	(6) (6)	(6) (6)	(6) (6)	(6) (6)	(6) (6)	(6) (6)	(6) (6)	(6) (6)	(6) (6)	(6) (6) (6)
(7) (7)	(7) (7)	(7) (7)	(7) (7)	(7) (7)	(7) (7)	(7) (7)	(7) (7)	(7) (7)	(7) (7)	(7) (7) (7)
(8) (8)	(8) (8)	(8) (8)	(8) (8)	(8) (8)	(8) (8)	(8) (8)	(8) (8)	(8) (8)	(8) (8)	(8) (8) (8)
(9) (9)	(9) (9)	(9) (9)	(9) (9)	(9) (9)	(9) (9)	(9) (9)	(9) (9)	(9) (9)	(9) (9)	(9) (9) (9)

Sub-Examiner Code				
0	0	0	0	0
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9

It is certified that the result on this form matches with marks given on the corresponding answer sheet.

Sub-Examiner Signature \_\_\_\_\_

**DISCLAIMER: BOARD SHALL NOT BE RESPONSIBLE IF THE MENTIONED INSTRUCTIONS ARE NOT FOLLOWED.**

Time Allowed: 15 mins

(Objective Type)

Max. Marks: 10

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink. Cutting or filling two or more times result is zero mark in that question.

Q.1	Questions	(A)	(B)	(C)	(D)
1.	Which solution are not reached through proper algorithm or work planning?	Prepared solution	Candid solution	Strategized solution	Best solution
2.	Which symbol represents operations to change the values?	Terminal	Process	Decision	Connector
3.	$(1024)^4$ bytes = _____.	1 Megabyte	1 Gigabyte	1 Terabyte	1 Petabyte
4.	Decimal value of $(C921)_{16}$ is:	51478	51488	5189	51490
5.	IPV6 consists of _____ bits.	32	64	128	256
6.	Which is formal agreement between two parties?	Network	IP Address	Protocol	Router
7.	It involves installing more copies of software than you have a license for:	Soft lifting	Client-server overuse	Online piracy	Counterfeiting
8.	_____ are used to read an encrypt messages.	Password	Username	Cryptographic keys	None of them
9.	A hyperlink can be applied to _____.	Image	Text	Both (A) & (B)	None of these
10.	To save the HTML page we can use _____ as file extension.	htm	html	xhtml	Both (A) & (B)

(Section - I)

2. Write short answers to the following questions. (any four) (4×2=08)

- i. What is guess check and improve?
- ii. How do you determine requirements for a flowchart?
- iii. How the efficiency of an algorithm is measured?
- iv. What is hexadecimal number system?
- v. What is the difference between volatile and non-volatile memory?
- vi. What is AND operator?

3. Write short answers to the following questions. (any four) (4×2=08)

- i. What is a computer network?
- ii. What is the difference between IPV4 and IPV6?
- iii. What is network layer?
- iv. What is patent, why do we need to register it?
- v. List down the types of software piracy.
- vi. What is Encryption?

4. Write short answers to the following questions. (any four) (4×2=08)

- i. What is interim cyphertext?
- ii. How encryption protects data across devices?
- iii. What is password and cryptographic keys?
- iv. What is HTML?
- v. How can we create a graphical hyperlink?
- vi. What are the main sections in a webpage?

(Section - II)

Note: Give detailed answers of the following questions. (any two) (8×2=16)

5. Draw a flowchart to input 5 values one by one and determine if the given values are odd or even. (8)
6. What is data communication? Explain components of communication system. (8)
7. Explain briefly any four ethical issues related to security. (8)