

**Vivekanand College, Kolhapur (Empowered Autonomous)**  
**Department of Electronics**  
**Online Unit Test Notice**  
**(B.Sc-I)**

**Date: 31/11/2023**

**Course/Subject Name DSC03ELE11/MIN03ELE12**

All the students hereby informed that, there will be an online test of 20 marks on unit IV: Combinational Circuits. The test will be conducted through the Google Platform on 04/12/2023 (Monday at 3.00 pm). The Google form link will be sent on what's app group 5 min before commencement of the exam.

Date: 04/12/2023

Time: 3.00 pm to 4.00 pm

Platform: Google form

Test Duration: 1Hr



Dr. P. S. Jadhav  
Subject Teacher



Dr. C. B. Patil

**HEAD**  
**DEPARTMENT OF ELECTRONICS**  
**VIVEKANAND COLLEGE, KOLHAPUR**  
**(EMPOWERED AUTONOMOUS)**



# Unit Test I : Combinational Circuits

Vivekanand College ,Kolhapur(Empowered Autonomous)

Course: B.Sc-I ,Sem-I (2023-2024)

(DSC03ELE12/MIN03ELE12)

Marks:20

Date:04/12/2023

Subject: Digital Electronics-

\* Indicates required question

1. Email \*

2. Roll No. \*

3. Name of the Student \*

4. 1. The 4:1 multiplexer require.....select lines. \*

Mark only one oval.

- 2
- 4
- 1
- none of these

5. 2. Demultiplexer is also called as..... \*

Mark only one oval.

- data selector
- data distributor
- sequential circuit
- none of these

6. 3.How many AND gates are required for a 8-to-1 multiplexer? \*

Mark only one oval.

- 4
- 8
- 9
- 2

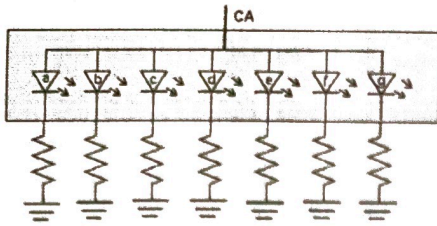
7. 4.The 2 to 4 line decoder has.....inputs and .....outputs \*

Mark only one oval.

- 2,4
- 4,2
- 3,4
- 4,3



8. 5. The given figure displays .....display \*



Mark only one oval.

- common anode type
- common cathode
- both a and b
- none of these

9. 6. IC 7447 is used as a..... \*

Mark only one oval.

- multiplexer
- demultiplexer
- decoder
- encoder

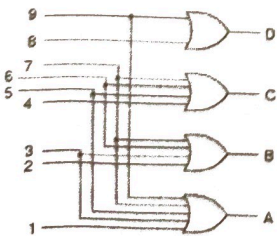
10. 7. The word demultiplexer means ..... \*

Mark only one oval.

- 4 to 2
- 2 to 1
- many to one
- one to many

11. 8. In the given diagram if input line 9 is high and all other input lines are low then output is \*

DCBA = .....



Mark only one oval.

- 1000
- 0100
- 1001
- 1010



12. 9.....is a combinational circuits. \*

Mark only one oval.

- shift register
- flip flops
- multiplexer
- counter

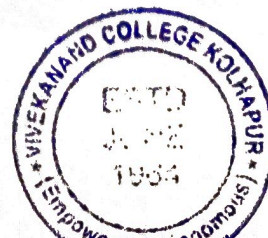
13. 10. In a multiplexer, the selection of a particular input line is controlled by ..... \*

Mark only one oval.

- select lines
- supply
- Ground
- all of these

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Google Forms



**Unit Test Marks B.Sc-I Digital Electronics**

Sr.No.	Time stamp	Roll No.	Email	Name of the Student	Score
1	12-04-2023 14:59	7222	<a href="mailto:samratkamble2117@gmail.com">samratkamble2117@gmail.com</a>	Samrat Suresh kamble	16 / 20
2	12-04-2023 14:59	7223	<a href="mailto:canikissyou1432097@gmail.com">canikissyou1432097@gmail.com</a>	Alok Bajarang Lad	18 / 20
3	12-04-2023 14:59	7224	<a href="mailto:vishwajeetp679@gmail.com">vishwajeetp679@gmail.com</a>	Vishwajeet Vijay Patil	18 / 20
4	12-04-2023 14:59	7250	<a href="mailto:shreyathane1010@gmail.com">shreyathane1010@gmail.com</a>	Shreya Deepak Athane	20 / 20
5	12-04-2023 14:59	7252	<a href="mailto:harshkalekar128@gmail.com">harshkalekar128@gmail.com</a>	Harsh vinyak kalekar	16 / 20
6	12-04-2023 14:59	7253	<a href="mailto:Prajwalkamble14336@gmail.com">Prajwalkamble14336@gmail.com</a>	Prajwal Kiran kamble	16 / 20
7	12-04-2023 14:59	7254	<a href="mailto:smitalkamble2822@gmail.com">smitalkamble2822@gmail.com</a>	Smital Vilas Kamble	16 / 20
8	12-04-2023 14:59	7255	<a href="mailto:prathameshkatti15@gmail.com">prathameshkatti15@gmail.com</a>	Prathamesh katti	18 / 20
9	12-04-2023 14:59	7257	<a href="mailto:Babasokhopkar3@gmail.com">Babasokhopkar3@gmail.com</a>	Prathamesh babaso koopkar	16 / 20
10	12-04-2023 14:59	7259	<a href="mailto:dmane6677@gmail.com">dmane6677@gmail.com</a>	Dinesh Dattatray Mane	18 / 20
11	12-04-2023 14:59	7260	<a href="mailto:rupeshnigade103@gamli.com">rupeshnigade103@gamli.com</a>	Nigade Rupesh Mohan	12/20
12	12-04-2023 14:59	7261	<a href="mailto:shreyaspawar7524@gmail.com">shreyaspawar7524@gmail.com</a>	Pawar Shreyas	14 / 20
13	12-04-2023 14:59	7264	<a href="mailto:abdullahattar685@gmail.com">abdullahattar685@gmail.com</a>	Attar Nashra Abdullah	14 / 20
14	12-04-2023 14:59	7265	<a href="mailto:namratabirje30@gmail.com">namratabirje30@gmail.com</a>	Namrata Narayan birje	16 / 20
15	12-04-2023 14:59	7266	<a href="mailto:charankarsharvari@gmail.com">charankarsharvari@gmail.com</a>	Sharvari charankar	16 / 20
16	12-04-2023 14:59	7267	<a href="mailto:swejalchougule2005@gmail">swejalchougule2005@gmail</a>	Swejal amar Chougule	20 / 20
17	12-04-2023 14:59	7268	<a href="mailto:gaikwadurvee1258@gmail.com">gaikwadurvee1258@gmail.com</a>	Urvee Umesh Gaikwad	20 / 20
18	12-04-2023 14:59	7269	<a href="mailto:sahilgurav3005@gmail.com">sahilgurav3005@gmail.com</a>	Sahil Samir Gurav	16 / 20
19	12-04-2023 14:59	7270	<a href="mailto:sakshikamble6905@gmail.com">sakshikamble6905@gmail.com</a>	Kamble Sakshi Sagar	12/20
20	12-04-2023 14:59	7272	<a href="mailto:parthlahigade27@gmail.com">parthlahigade27@gmail.com</a>	Parth sagar lahigade	16 / 20
21	12-04-2023 14:59	7273	<a href="mailto:hmngoli@gmail.com">hmngoli@gmail.com</a>	Hannah Mngoli	20 / 20
22	12-04-2023 14:59	7274	<a href="mailto:Vaishnavimorbale65@gmail.com">Vaishnavimorbale65@gmail.com</a>	Morbale Vaishnavi Parshram	16 / 20
23	12-04-2023 14:59	7275	<a href="mailto:bhaktipatil022005@gmail.com">bhaktipatil022005@gmail.com</a>	Bhakti Sambhaji Patil	20 / 20
24	12-04-2023 14:59	7276	<a href="mailto:utkarshapatil5969@gmail.com">utkarshapatil5969@gmail.com</a>	Utkarsha Nitin Patil	18 / 20
25	12-04-2023 14:59	7277	<a href="mailto:viraj6280@gmail.com">viraj6280@gmail.com</a>	Viraj Uttam Patil	12/20
26	12-04-2023 14:59	7279	<a href="mailto:sanikapowar7752@gmail.com">sanikapowar7752@gmail.com</a>	Sanika Ashok Powar	18 / 20
27	12-04-2023 14:59	7281	<a href="mailto:aliashrafsamrat174@gmail.com">aliashrafsamrat174@gmail.com</a>	Alli Ashraf Samrat	16 / 20
28	12-04-2023 14:59	7282	<a href="mailto:mainasutar25@gmail.com">mainasutar25@gmail.com</a>	Maina Omprakash Suthar	16 / 20
29	12-04-2023 14:59	7283	<a href="mailto:psinasulu.ttc.tu8@gmail.com">psinasulu.ttc.tu8@gmail.com</a>	Nitasi Teleke	20 / 20
30	12-04-2023 14:59	7284	<a href="mailto:shardhatosarkar72@gmail.com">shardhatosarkar72@gmail.com</a>	Shraddha Subhash Toraskar	20 / 20
31	12-04-2023 14:59	7341	<a href="mailto:sakshichougale4@gmail.com">sakshichougale4@gmail.com</a>	Sakshi Santosh Chougale	16 / 20
32	12-04-2023 14:59	7342	<a href="mailto:kadamkirtika0511@gmail.com">kadamkirtika0511@gmail.com</a>	Pritika suresh kadam	14 / 20
33	12-04-2023 14:59	7343	<a href="mailto:Kandaleamruta02@Gmail.com">Kandaleamruta02@Gmail.com</a>	Amruta anandrao kandale	18 / 20
34	12-04-2023 14:59	7344	<a href="mailto:anushkakanugade2005@gmail.com">anushkakanugade2005@gmail.com</a>	Anushka shivling kanugade	14 / 20
35	12-04-2023 14:59	7346	<a href="mailto:omkarmachale18@gmail.com">omkarmachale18@gmail.com</a>	OMKAR SANGRAM MACHALE	16 / 20
36	12-04-2023 14:59	7347	<a href="mailto:satvikmane8@gmail.com">satvikmane8@gmail.com</a>	Satvik vikas mane	4/20
37	12-04-2023 14:59	7349	<a href="mailto:patilmadhur05@gmail.com">patilmadhur05@gmail.com</a>	Madhura Ananda Patil	18 / 20
38	12-04-2023 14:59	7350	<a href="mailto:patilsanika78806@gmail.com">patilsanika78806@gmail.com</a>	Sanika dagadu patil	14 / 20
39	12-04-2023 14:59	7351	<a href="mailto:tejasppatil2@gmail.com">tejasppatil2@gmail.com</a>	Tejas Popat Patil	16 / 20
40	12-04-2023 14:59	7352	<a href="mailto:aartisankpal2004@gmail.com">aartisankpal2004@gmail.com</a>	Arati baban Sankpal	16 / 20
41	12-04-2023 14:59	7353	<a href="mailto:patyasutar0913@gmail.com">patyasutar0913@gmail.com</a>	Manisha Bajarang Sutar	10/20
42	12-04-2023 14:59	7354	<a href="mailto:kanchanvagre05@gmail.com">kanchanvagre05@gmail.com</a>	Rohan Vagre	10/20
43	12-04-2023 14:59	7355	<a href="mailto:snehalveer48@gmail.com">snehalveer48@gmail.com</a>	Snehal Dilip Veer	16 / 20



*[Signature]*  
Dr. P. S. Jadhav  
Subject Teacher

*[Signature]*  
Dr. C. B. Patil

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